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**Ford Motor Company**

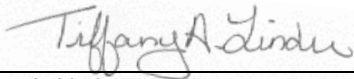
## **Phase I Environmental Site Assessment**

Twin Cities Assembly Plant (TCAP)  
St. Paul, Minnesota

Dates of Site Visit and Tunnel Inspection: March 14  
through 16, 2007 and May 2 through 7, 2007

**June 2007**

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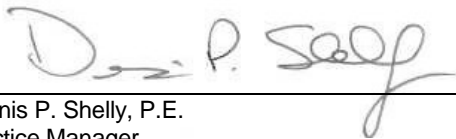
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**Phase I Environmental Site  
Assessment**

Twin Cities Assembly Plant  
(TCAP)  
966 South Mississippi Boulevard  
St. Paul, Minnesota 55166

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MN000588.0001

Date:  
June 29, 2007

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## **Phase I Environmental Site Assessment**

Twin Cities Assembly Plant  
(TCAP)  
966 South Mississippi  
River Boulevard  
St. Paul, Minnesota

### **Executive Summary**

On behalf of Ford Motor Company (Ford), ARCADIS has prepared this Phase I Environmental Site Assessment (ESA) of the Ford Motor Company Twin Cities Assembly Plant (TCAP) located at 966 South Mississippi River Boulevard within the City of St. Paul in Ramsey County, Minnesota. This assessment has been prepared in general accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, subject to the scope and limitations of the ASTM standard and the assessment methodology as described herein. The scope of work was modified to also include the Ford Scope of Work for Conducting an Environmental Site Assessment for Real Estate Acquisitions, Divestitures, Leases, and Financing (Ford 2007).

The property on which TCAP resides consists of two parcels of land totaling 138.21 acres (17.28.23.13.0002 – main assembly building Parcel ID and 17.28.23.24.0002 – steam plant and wastewater treatment plant Parcel ID). The TCAP property is improved with production buildings and several out buildings, which comprise an approximate total of 2,144,932 square feet of building area. The primary production buildings identified consist of the main assembly building, which also includes a warehouse portion and a paint building. A steam plant and wastewater treatment plant are also associated with the current operations. A 40,000 square foot technical training center was added to the northeastern portion of the main assembly building in 1999. Three baseball fields are located in the southeast portion of the TCAP property. Several subsurface tunnels are also located below TCAP, which include traffic tunnels, gas tunnels, cable tunnels, mined sand tunnels and oil tunnels (refer to Figure 3F for tunnel locations). The baseball diamonds and subsurface tunnels were included in this assessment. A site walk was completed on March 14 through 16, 2007 and an assessment of the subsurface tunnels was completed on May 2 through 7, 2007.

According to historical sources reviewed, the property on which TCAP now resides was vacant undeveloped land prior to the development of the assembly plant. Construction of the original portion of the main assembly building began in 1923 and several additions to the main assembly building have occurred throughout the years (refer to Figure 5). In addition, glass manufacturing (feature 105, Figures 3B and 3C) and nickel plating operations (feature 103, Figure 3B) historically occurred at TCAP within the main assembly building. The glass was manufactured from silica sand mined from tunnels existing approximately 60 feet beneath TCAP.



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Several railroad spurs (feature 7, Figure 3A) are present in the southern and central portions of TCAP, which allow transport of parts and materials utilized in the assembly operations to the plant and transfer of completed vehicles from the plant. Vehicle parking areas are located in the northern, eastern and central portions of TCAP. An additional irregularly shaped parking area is located south of the steam plant.

The current operations occurring at TCAP include the complete assembly of light duty trucks. All parts for the assembly process are shipped to the plant via truck or rail. In general, the assembly process includes assembly of the cab and box, cleaning and painting of the bodies, installation of the windshields utilizing a sealer compound, installation of the interior and other trim features and quality assurance and quality control of each completed vehicle. The completed vehicles are then prepared for delivery via truck or rail. The steam plant is used to provide heat for various assembly and painting operations within the plant and the wastewater treatment plant treats the industrial wastewater generated from the assembly process (refer to Figure 4).

The assessment of recognized environmental conditions (RECs) pertaining to TCAP has been based primarily on conditions observed at TCAP during the site inspections conducted on March 14 through 16, 2007 and May 2 through 7, 2007, information obtained from publicly available databases, review of documentation and site plans provided by Ford, information obtained through research conducted through state, county and local agencies, and interviews with individuals having relevant information pertaining to historical and current conditions at TCAP. This assessment has revealed several RECs, Historical RECs, and Areas of Interest associated with TCAP which are presented in Tables 1A, 1B, and 1C and on Figures 2A through 2F.

## **1. Introduction**

On behalf of Ford Motor Company (Ford), ARCADIS has prepared this Phase I Environmental Site Assessment (ESA) of the Ford Motor Company Twin Cities Assembly Plant (TCAP), herein referenced as TCAP, located at 966 South Mississippi River Boulevard within the City of St. Paul in Ramsey County, Minnesota.

The current operations at TCAP consist of the assembly and painting of light duty trucks using parts that are manufactured elsewhere (refer to Figure 4). Processes include welding, assembly, metal cleaning, painting and curing, windshield and trim installation and preparation of the vehicles for final delivery. In addition, a wastewater treatment plant and steam plant are also in operation at TCAP and are associated with the current assembly operations. On March 14 through 16, 2007, Tiffany A. Linder of ARCADIS conducted a site inspection of TCAP and its associated buildings. On May 2 through 7, 2007, Trika Nelson-Kalmes of ARCADIS conducted a site inspection of the subsurface tunnels located beneath TCAP (refer to Figure 3F).

### **1.1 General Site Information**

TCAP is located in a mixed industrial, commercial and residential use area along the east side of South Mississippi River Boulevard, south of Ford Parkway and west of South Cleveland Avenue, along the eastern shore of the Mississippi River in St. Paul, Minnesota. TCAP is accessed from the west via two entrances on South Mississippi River Boulevard and from the north via three entrances on Ford Parkway. The general location of TCAP and the physiographic features of the surrounding area are shown on Figure 1, developed from the United States Geological Survey (USGS) 7.5-minute quadrangle for St. Paul West, Minnesota 1993.

TCAP is located at approximate Latitude (north) 44° 54' 50.8" and Longitude (west) 93° 11' 31.9" and at an elevation of approximately 821 feet above sea level. The main assembly plant and associated buildings are situated east of South Mississippi River Boulevard and the steam plant and wastewater treatment plant are located west of South Mississippi River Boulevard.

The property on which TCAP resides consists of two parcels of land totaling 138.21 acres. The TCAP property is improved with production buildings and several out buildings, which comprise an approximate total of 2,144,932 square feet of building area. The primary production buildings consist of the main assembly building, which also includes a warehouse portion, and a paint building. A steam plant and wastewater

treatment plant are also associated with the current operations. A 40,000 square foot technical training center was added to the northeastern portion of the main assembly building in 1999. Three baseball fields are located in the southeast portion of the TCAP property. Several subsurface tunnels are also located below TCAP, which include traffic tunnels, gas tunnels, cable tunnels, mined sand tunnels and oil tunnels (refer to Figure 3F for tunnel locations). The baseball diamonds and subsurface tunnels were included in this assessment.

According to historical sources reviewed, the property on which TCAP now resides was vacant undeveloped land prior to the development of the assembly plant. Construction of the original portion of the main assembly building began in 1923 and several additions to the main assembly building have occurred throughout the years, mainly between 1960 and 1978, which added an additional 300,000 square feet to the original building. An addition to the warehouse portion of the main assembly building was constructed in 1989-1990, which included a computerized stock storage and retrieval system (refer to Figure 5).

The paint building is located to the east of the assembly plant and consists of approximately 275,000 square feet of operating space. The paint building was constructed in 1985 and is connected to the main assembly building via a 625-foot bridge that supports delivery conveyors to transport bare metal truck bodies from the main assembly building to the paint building and painted truck bodies to the trim area in the main assembly building (refer to Figure 5).

The steam plant was constructed in 1923 and consists of approximately 10,400 square feet. A historical structure was associated with the steam plant, located near the southeastern portion of the current steam plant. The historical structure was apparently constructed prior to 1937 and was demolished prior to 1974. The historical use of the structure is unknown. The wastewater treatment plant was constructed in 1984 and consists of approximately 10,124 square feet, according to assessment records (refer to Figure 5).

Several railroad spurs (feature 7, Figure 3A) are present in the southern and central portions of TCAP, which allow transport of parts and materials utilized in the assembly operations to the plant and transfer of completed vehicles from the plant. Vehicle parking areas are located in the northern, eastern and central portions of TCAP. An additional irregularly shaped parking area is located south of the steam plant.

The current operations occurring at TCAP include the complete assembly of light duty trucks. All parts for the assembly process are shipped to the plant via truck or rail. In general, the assembly process includes assembly of the cab and box, cleaning and painting of the bodies, installation of the windshields utilizing a sealer compound, installation of the interior and other trim features and quality assurance and quality control of each completed vehicle. The completed vehicles are then prepared for delivery via truck or rail. The steam plant is used to provide heat for various assembly and painting operations within the plant and the wastewater treatment building treats the industrial wastewater generated by the assembly process (refer to Figure 4). Refer to Section 3.2 for a more detailed description of process operations currently occurring at TCAP.

A summary of the recognized environmental conditions (RECs), Historical RECs, and Areas of Interest are presented on Figures 2A through 2F. A Property Layout depicting the general features observed during the site inspection and as identified through documentation review is presented in Figure 3A. Plant Layouts depicting the general interior features of the main assembly building, paint building, wastewater treatment plant and steam plant are presented in Figures 3B through 3E, respectively. Figure 3F depicts the subsurface tunnels investigated at TCAP. In addition, current operations are presented on Figure 4 and historical development of TCAP is presented in Figure 5. Figures 6A through 6D depict the underground utilities present in various portions of TCAP. Furthermore, Table 2 describes the surface and subsurface features identified at TCAP, which are referenced throughout the text.

## **1.2 Project Objective and Scope of Services**

At the request of Ford, ARCADIS has prepared this Phase I ESA in general accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, subject to the scope and limitations of the ASTM standard and the assessment methodology as described herein. This Phase I ESA also includes the tasks required in the Ford Scope of Work for Conducting an Environmental Site Assessment for Real Estate Acquisitions, Divestures, Leases, and Financing (Ford 2007).

The purpose of ASTM E 1527-05 is to define good commercial and customary practice for conducting a Phase I ESA intended to permit the *user* to satisfy one of the requirements to qualify for the *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser* limitations on Comprehensive Environmental Response



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Compensation Liability Act liability: that is, the practice that constitutes “*all appropriate inquiry*” into the previous ownership and uses of the *property* consistent with good commercial or customary practice” as defined at 42 U.S. Code Section 9601 (35)(B). The site inspection was completed to assess TCAP, taking into consideration that TCAP is to be decommissioned, to identify recognized environmental conditions as defined in the ASTM Standard. The assessment of recognized environmental conditions has been based primarily on conditions observed at TCAP during the inspection, information obtained from publicly available databases, review of documentation and site plans provided by Ford, information obtained through research conducted through state, county and local agencies, and interviews with individuals having relevant information pertaining to historical and current conditions at TCAP. The RECs, Historical RECs, and Areas of Interest associated with TCAP are presented in Tables 1A, 1B and 1C, respectively.

**1.3 Non-ASTM Scope Considerations**

ARCADIS performed a visual assessment for suspected asbestos-containing building materials (ACMs) by evaluating only readily accessible areas. Material that may be inaccessible, such as behind walls or ceilings, was not evaluated. The visual assessment was not performed in accordance with the United States Environmental Protection Agency (U.S. EPA) regulations implementing the Asbestos Hazard Emergency Response Act (40 Code of Federal Regulations [CFR] 763.80 et seq.) or with the U.S. Occupational Safety and Health Administration (OSHA) *General Industry Standard: Occupational Exposure to Asbestos* (29 CFR 1910.1001).

Based on information provided to ARCADIS regarding the approximate construction dates of the production buildings, additions and out buildings, assumptions were made regarding the presence of lead based paint within and on building structures. In addition, available lead based paint surveys completed for TCAP were reviewed by ARCADIS and are summarized within this report.

A review of information provided in the environmental database report, ordered from Environmental Data Resources, Inc. (EDR), relating to radon levels reported in the vicinity of TCAP is also summarized within this report.

**1.4 Limitations of this Assessment**

This assessment was prepared in general accordance with ASTM Standard Practice E1527-05 and is subject to the limitations inherent in the ASTM Standard. The



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assessment has been prepared based on observations at the time of the assessment and information provided to ARCADIS by others. ARCADIS has relied upon information provided by Ford and others regarding the history and environmental conditions of TCAP and adjacent or adjoining properties. ARCADIS has made reasonable efforts to obtain and review reasonably ascertainable information regarding TCAP within the constraints of time, budget and scope agreed to by Ford. Additional information not otherwise identified herein may nonetheless be available through other sources and may modify or affect the findings, conclusions or recommendations presented in this report.

Ford acknowledges and agrees that the services performed and any opinions expressed by ARCADIS in the report are based upon the limits of the investigation described herein. It is understood that ARCADIS has relied upon the accuracy of documents, oral information, and other material and information provided by others, and ARCADIS assumes no liability for the accuracy of such data. Similarly, past and present activities at TCAP indicating the potential for the existence of environmental concerns may not be discovered by ARCADIS' inquiries. ARCADIS can offer no assurances and assumes no responsibility for site conditions or site activities that are outside the scope of the services as described above and as outlined in Ford's Scope of Work Environmental Site Assessment for Real Estate, Acquisitions, Divestures, Leases, and Financing document (February 2007), or for changes to site conditions or regulatory requirements which may apply following completion and issuance of the services by ARCADIS. It is understood that such changes, which will not be identified in the report, can lead to liability in connection with TCAP. ARCADIS will review the information obtained in connection with the performance of the services as described above, in keeping with existing applicable environmental consulting standards and enforcement practices, but cannot predict what actions any given agency may take or what standards and practices may apply in the future.

1.4.1 Special Terms and Conditions

The following special terms and conditions apply to this report:

1. This site assessment is based on the conditions existing at TCAP on the date of the inspection. Observations, conclusions, and recommendations contained in this report are based on the conditions and practices observed at the time of the site visit. Past conditions are considered on the basis of reasonably accessible records, and information provided by Ford and others. Conclusions are based on



information provided to or reasonably available to ARCADIS. No sampling activities were conducted as part of this assessment.

2. ARCADIS does not warrant or guarantee the property on which TCAP resides suitable for any particular purpose, or certify the area as clean. This report is based on the current, fully implemented environmental regulations. Further regulatory modifications, agency interpretations, and/or policy changes may affect the environmental status of TCAP.
3. Detailed asbestos, mold, formaldehyde, polychlorinated biphenyl, fire safety, indoor air quality, drinking water quality, radon and wetland specialty surveys were not requested as part of this project. These topics require specialized expertise; a specialty survey can be performed upon request.
4. No responsibility is assumed for control or correction of the conditions or practices referenced in this report.
5. This report has been prepared for the exclusive use of Ford.

## **1.5 Resources Reviewed**

Per the ASTM E 1527-05 standard for conducting Phase I ESAs and as outlined in the scope of work provided by Ford, the following resources were reviewed for completion of this report and are summarized in detail within the body of the report:

- Documentation and records maintained at TCAP and the Ford Motor Company Dearborn Environmental Quality Office (EQO), Vehicle Operations (VO), Highland Park Central Records, and Ford Land Offices which were reviewed by ARCADIS during research activities conducted March 8 through April 30, 2007. Information obtained through this research is included throughout this report;
- Available documentation reviewed and information obtained by ARCADIS from federal, state, county and local agencies (refer to Section 5.2 for a summary);
- Interviews with current and former TCAP personnel regarding current and historical plant operations. A summary of persons interviewed is provided in Section 1.6, and the interview questions utilized in the interviews are provided in Appendix B;
- The Chain of Title for TCAP (refer to Appendix D);

- Environmental Lien Search Report conducted by neter Real Estate Research & Information ordered through EDR, dated March 15, 2007 (refer to Appendix E);
- Historic Sanborn Fire Insurance Maps obtained through EDR (No coverage; refer to Appendix F);
- Historic aerial photographs obtained from EDR, Ramsey County GIS Department Online, TerraServer Website and Google Earth (1937, 1940, 1953, 1957, 1974, 1985, 1987, 1991, 1997, 2006 and a recent aerial obtained from Google Earth refer to Appendix G);
- USGS 15-Minute Topographic Maps, St. Paul Quadrangle (1986 and 1958; refer to Appendix H);
- USGS 7.5-Minute Topographic Maps, Minneapolis Vicinity West and St. Paul West Quadrangles (1952, 1967, 1972, 1977 and 1993; refer to Appendix H);
- Cole Criss-Cross City Directory for TCAP (1999; refer to Appendix I); and
- Electronic database search conducted by EDR, dated March 9, 2007 (refer to Appendix J).

## **1.6 Interviews**

The following individuals were interviewed by telephone or in person as part of this assessment in an attempt to obtain additional information related to TCAP, surrounding properties and site operations. Interview questions are provided in Appendix B and pertinent information obtained through interviews is provided throughout this report.

- Interview with Plant Manufacturing Engineering Manager of the Ford Division, 10 years with TCAP (interviewed in person on March 14, 2007).
- Interview with Mr. John Meyers, Environmental Engineer with the Ford Division, 3 years with TCAP (interviewed in person on March 15, 2007).
- Interview with Principal Environmental Engineer, 17 years with Ford Motor Company (interviewed by phone on April 2, 2007).

- Interview with Area Manager, 15 years with TCAP (interviewed in person on April 2, 2007).
- Interview with Environmental Engineer, Retiree, 6-7 years with TCAP (interviewed in person on April 2, 2007).
- Interview with Delpark Operator, 41 years with TCAP (interviewed in person on April 4, 2007).
- Interview with Account Representative with PPG former Contract Facilities Engineer, approximately 14 years with TCAP (interviewed in person on April 4, 2007).
- Interview with Manufacturing Plant Manager, retiree, 31 years with TCAP (interviewed in person on April 5, 2007).
- Interview with Production and Maintenance, retiree, 36 years with TCAP (interviewed in person on April 5, 2007).
- Interview with Paint ME Manager, retiree, 30 years with TCAP (interviewed in person on April 11, 2007).
- Interview with Environmental Control Engineer, 4 years with TCAP (interviewed via email on April 24, 2007).

## **1.7 Information Gaps**

ASTM Standard Practice E 1527-05 defines specific information and records to be reviewed as part of the Phase I process. The ASTM standard defines a data gap as “a *lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information.*” The results of this assessment identified potential data gaps which could affect the findings of this report.

The following represents documents or other information from standard and/or other sources that were not available to ARCADIS for review or were not reasonably ascertainable, as defined by the ASTM Standard, prior to preparation of this report:

- No Fire Insurance Mapping (Sanborn) coverage was available for TCAP or the surrounding areas.
- Documentation pertaining to the removal and closure of historical USTs (gasoline, Sunoco spirits and thinner USTs, feature 16) identified at TCAP was not found through research activities.
- Supporting documentation pertaining to the clean closure of the former brake fluid UST (feature 23, Figure 3C) located near the southwest corner of the main assembly building was not found through research activities.
- Documentation pertaining to the removal and subsequent closure of a historical fuel oil UST (feature 41) located east of the Central Engineering Offices was not found through research activities.
- Documentation pertaining to closure sampling and MPCA closure approval following the removal of two former fuel oil ASTs (feature 42) historically located south of the steam plant was not found through research activities.
- Documentation pertaining to the closure of the historical Delpark pits (feature 100) utilized at TCAP during painting operations within the main assembly building was not found through research activities.
- Documentation pertaining to sampling following a solvent fire (feature 106), which occurred in the former barrel storage area west of the former oil house, was not found through research activities.
- Documentation pertaining to the removal and closure sampling of a historical fuel dispenser (feature 137) identified in the northeastern portion of the main assembly building was not found through research activities.
- Documentation pertaining to closure sampling for a former 20,000 gallon AST historically located south of the former oil house was not found through research activities
- According to the leaking underground storage tank (LUST) database, a release of fuel oil 1 and 2 (leak 12247) was reported on an unknown date. The release apparently occurred from an aboveground storage tank (AST) and underground storage tank (UST). According to an individual with CRA based on a file review

they had completed, the release related to tracking of an AST Major Facility Permit review for TCAP by the MPCA. The release received closure on February 5, 2004. Additional information pertaining to this release or leak tracking number was not found through research activities.

## **1.8 Restrictions to the Scope of Work**

The activities completed and the information reviewed and summarized within this report are restricted to the activities outlined in the ASTM E 1527-05 Phase I ESA Standard and the Ford Scope of Work for Environmental Site Assessments. Restrictions to the scope of work that were encountered during the completion of this Phase I ESA include but are not limited to the following: confined spaces were not entered, with the exception of the sand tunnels located beneath TCAP, which are being assessed the week of April 30<sup>th</sup>, 2007; rooftops of the plant buildings were not accessed, with the exception of the rooftop of the moon cannon on the fan farm building (building structure surrounding the emissions air stack for the paint booths); photographs were not able to be taken within the paint building due to the sensitivity of the fire system to the flash of the camera; and areas that were inaccessible, such as near operating machinery or areas where it was unsafe to access, were not visually evaluated during the site assessment activities.

## **1.9 Deviations from the Scope of Work**

No significant deviations from the ASTM E 1527-05 standard or Ford Scope of Work for Environmental Assessments were encountered or occurred during completion of this Phase I ESA. The Ford ESA Scope of Work requested certain deviations from the recommended ASTM E 1527-05 standard for this environmental assessment. The Conclusions and Recommendations sections referenced in the ASTM E 1527-05 standard are not included in this report.

## 2. Site Description

### 2.1 Property Location and Description

The Ford TCAP is located at 966 South Mississippi River Boulevard in St. Paul, Ramsey County, Minnesota at approximate Latitude (north) 44° 54' 50.8" and Longitude (west) 93° 11' 31.9". TCAP is located in a mixed industrial, commercial and residential use area on the eastern shore of the Mississippi River, along the east side of South Mississippi River Boulevard, south of Ford Parkway and west of South Cleveland Avenue in St. Paul, Minnesota. TCAP is accessed from the west via two entrances on South Mississippi River Boulevard and from the north via three entrances on Ford Parkway.

The TCAP property is improved with production buildings and several out buildings, which comprise an approximate total of 2,144,932 square feet of building area. The primary production buildings identified consist of the main assembly building, which also includes a warehouse portion, and a paint building. A steam plant and wastewater treatment plant are also associated with the current operations. Three baseball fields are located in the southeast portion of the TCAP property. Several subsurface tunnels are also located below TCAP, which include traffic tunnels, gas tunnels, cable tunnels, mined sand tunnels and oil tunnels (refer to Figure 3F for tunnel locations). The baseball diamonds and subsurface tunnels were included in this assessment.

Several railroad spurs (feature 7, Figure 3A) are present in the southern and central portions of TCAP, which allow transport of parts and materials utilized in the assembly operations to the plant and transfer of completed vehicles from the plant. Vehicle parking areas are located in the northern, eastern and central portions of TCAP. An additional irregularly shaped parking area is located south of the steam plant.

A summary of the recognized environmental conditions (RECs), Historical RECs, and Areas of Interest are presented on Figures 2A through 2F. A Property Layout depicting the general features observed during the site inspection and as identified through documentation review is presented in Figure 3A. Plant Layouts depicting the general interior features of the main assembly building, paint building, wastewater treatment plant and steam plant are presented in Figures 3B through 3E, respectively. Figure 3F depicts the subsurface tunnels investigated at TCAP. In addition, current operations are presented on Figure 4 and historical development of TCAP is presented in Figure 5. Figures 6A through 6D depict the underground utilities present in various portions of

TCAP. Furthermore, Table 2 describes the surface and subsurface features identified at TCAP, which are referenced throughout the text.

## **2.2 Topography and Surface Water**

According to an environmental database report provided for TCAP through EDR, TCAP is located at an elevation of approximately 821 feet above mean sea level. Surrounding topography shows elevation profiles sloping gradually from north to south and sharply from east to west towards the Mississippi River. A cliff face is present to the east of the steam plant and wastewater treatment plant, which drops approximately 50 feet from the main assembly plant property. The general topographic gradient of the property on which TCAP resides and the surrounding area, as observed during site reconnaissance activities, appeared to be west-southwest towards the Mississippi River.

The electronic database report indicated that Federal Emergency Management Agency (FEMA) flood zone data was available for the area, and that the western portion of TCAP exists within a 500-year flood zone. The western portion of TCAP contains the steam plant and wastewater treatment plant associated with the main assembly plant. According to TCAP personnel, flood events have occurred through the years which have had some impact on the steam plant and wastewater treatment plant. However, no major incidents have reportedly been caused by flood events. A storm water detention basin was observed within the flood zone area, south of the steam plant. In addition, eight 30,000 gallon liquid propane USTs (feature 39; Figure 3E) are currently in use and in place south of the steam plant. These USTs may be located within the flood plain designation area (refer to Figure 3E).

No obvious visual indications of wetlands were observed at TCAP. However, no formal wetland evaluation was conducted as part of this assessment. Based on the coverage for this area provided through the National Wetlands Inventory database, TCAP is not located within a wetland area. The closest identified wetland area is apparent approximately one mile south of TCAP and the closest water body is the Mississippi River, which adjoins the steam plant and wastewater treatment plant to the west. In addition, Hidden Falls Creek surrounds TCAP to the southwest.

## **2.3 Geology and Hydrogeology**

The GeoCheck Addendum of the EDR electronic database report describes surface and near surface soils in the area of TCAP as sandy loam to approximately 18 inches

below the ground surface (bgs). Below the sandy loam, coarse sand was indicated to extend to 60 inches bgs. The deeper soils were indicated as sand, fine sand, very gravelly-coarse sand, silt loam, hemic material and/or stratified. The soil component name is ESTHERVILLE. The soil in the area does not meet the requirements for a hydric soil, and the soils have moderate infiltration and are well drained. The corrosion potential for the soils encountered in the area of TCAP is indicated as low.

The underlying bedrock units in the area are often encountered at depths starting greater than 60-inches below the ground surface. Area bedrock is classified as Paleozoic Era, Ordovician System, Middle Ordovician Series.

According to the EDR report ordered for TCAP, the depth to the groundwater table is more than six feet ft bgs. According to Aquiflow® points plotted in close proximity to TCAP, the shallow water depth is approximately 9 to 10 ft bgs and the deep water depth was listed at being as deep as 175 ft bgs. The average water depth was indicated as being approximately 13 ft bgs. According to a previous subsurface investigation at TCAP, completed by Conestoga-Rovers & Associates Limited (CRA), the static water level was identified at approximate depths ranging from four ft bgs to 22.5 ft bgs.

According to the closest Aquiflow® point identified ¼ to ½ mile north of TCAP, the direction of groundwater flow is towards the southwest. Shallow groundwater flow often mimics local topography and moves towards surface water features. Based on the topography of the surrounding area and the close proximity of TCAP to the Mississippi River, it is anticipated that the direction of groundwater flow in the area of TCAP is to the southwest towards the river.

## **2.4 Site Specific Geology and Hydrogeology**

A previous Remedial Investigation/Alternatives Analysis Report completed by CRA in May 1991 described the site specific geology and hydrogeology encountered during subsurface investigations that was supplemented by resource documents. The site specific geology and hydrogeology of TCAP is outlined in the following sections as described by CRA.

### **2.4.1 Geology**

At the surface of the TCAP property a thin mantle of unconsolidated sediments exists over bedrock terraces. Underlying the unconsolidated material are sedimentary



bedrock units which were deposited during the middle of the Ordovician geologic period. The sedimentary units are, in descending order, Decorah shale, Platteville dolostone, Glenwood shale and St. Peter sandstone.

The soil mantle consists of predominately sandy clay and clayey sand. Weathered shale cobbles are common and in some areas there is two to five feet of peat. At Fill Areas A, B, and C much of the native material has been disturbed and is mixed with fill material such as building rubble, glass, scrap metal and ash. The Platteville formation lies on top of the Glenwood shale formation and the contact is gradational. The Glenwood shale is composed of dark greenish gray shale and sandy shale. The formation is thinly laminated and moderately fissile (cleavable) and is approximately seven feet thick in the areas investigated. The St. Peter sandstone outcrops along the bluffs of the Mississippi River and continues below the elevation of the river bed. The sandstone is composed of medium-grained, well-sorted and well-rounded quartzite. It is white to buff in color and is medium to weakly indurated (hardened). The St. Peter formation is as much as 150-feet thick in the Twin Cities area.

#### 2.4.2 Hydrogeology

To define the groundwater flow system at TCAP, CRA identified the stratigraphic units which were grouped into hydrostratigraphic units according to their water bearing properties. Units having a significant capacity to transmit water were termed aquifers, units with low permeability which have a low capacity to transmit water were termed aquitards and units which are essentially impermeable to groundwater flow were termed aquicludes. Three hydrostratigraphic units exist at TCAP. The first consists of the unconsolidated sediment, which is a heterogeneous unit and may have properties of an aquitard or an aquifer, depending on the location of the monitoring wells installed in the areas investigated. However, taken as a whole, the formation would be considered to be an aquitard. The second unit is the Decorah/Platteville/Glenwood formation which is an aquitard/aquiclude. The third unit, the St. Peter formation is a high-yielding aquifer. Based on previous subsurface investigations completed the groundwater flow direction was determined to be southwest towards the Mississippi River.

#### 2.5 Previous Investigations

After inquiry into the existence of previous investigations, ARCADIS was provided with previous investigation reports relevant to TCAP that were available at the time this

assessment was prepared. The information provided in the previous reports is summarized in the following sections.

#### 2.5.1 Summary of Activities Completed for the Three Former Disposal Areas (Areas A, B and C) and the Former Bulk Storage and Waste Solvent UST Area

CRA prepared a Revised Draft Remedial Investigation/Alternatives Analysis (RI/AA) Report for the Twin Cities Assembly Plant (TCAP) in May 1992. The RI/AA was conducted as part of the Remedial Investigation/Feasibility Study (RI/FS) at TCAP in accordance with a Request for Response Action (RFRA) issued by the MPCA on June 26, 1990. The RFRA was issued by the MPCA due to the historical waste handling and disposal practices at TCAP, in which three historical waste disposal sites were identified at the property as well as impact caused by a release of solvent related compounds from used paint solvent (non-halogenated) USTs in place at TCAP (refer to Section 6.0 for a discussion of additional former waste disposal areas identified, but not addressed during the activities discussed in this section). The four areas of concern are referenced as former disposal Areas A, B, and C (features 9, 11 and 13, respectively, Figure 3A), and the former bulk storage and waste solvent UST area (feature 36, Figure 3D), respectively. Area A is located in the south-central portion of TCAP, southwest of the paint building; Area B is located just southeast of the main assembly building; Area C is located south of the steam plant along the Mississippi River; and the former bulk storage and waste solvent UST area is located west of the current hazardous waste storage building (feature 34, Figure 3D).

CRA had been retained by Ford Motor Company in 1987 to conduct an assessment consisting of a file review, hydrogeologic evaluation, test pit excavation, stadia survey and waste characterization sampling. As a result of the activities completed at TCAP, site conditions were reported to the MPCA during the fall of 1988. Supplemental groundwater and surface water monitoring at TCAP was completed during 1989 and 1990, as requested by the MPCA.

A risk assessment was also completed with regards to Former Disposal Areas A and B and the UST site to estimate the potential risk to human health, which was included in CRA's May 1992 RI/AA. The assessment included analytical testing of soil and water samples obtained from the areas and modeling using risk exposure equations. Based on the assessment it was determined that the only future exposure to chemicals of concern present in the former bulk storage and wastes solvent UST area would occur during excavation and construction related activities, which would be controlled by a health and safety plan. It was determined that the only potential exposure pathways

for former disposal Areas A and B would be wading in the Hidden Falls Creek via dermal contact and accidental oral ingestion of water, since the creek is too shallow to support fishing or swimming. In addition, potential future exposure to subsurface soils could occur should construction activities be performed in the areas of A and B, which would also need to be managed by a health and safety plan. However, following risk assessment activities remediation activities were completed as described below to address former disposal Areas A and B and the former bulk storage and waste solvent UST area.

### **Former Disposal Areas A and B**

- Areas A and B (features 9 and 11, Figure 3A) were utilized as historical waste disposal sites for wastes generated at TCAP. Paint sludge and wastes were disposed of in Area A from 1943 until 1960. Burning and burial of plant waste occurred at Area B during early plant operations until 1945. Waste paint sludge was burned at Area B and burial of non-combustible wastes such as scrap steel, bricks, concrete block and other solid materials occurred at Area B. Documentation reviewed at the MPCA indicated that waste solvents generated during 1950 through 1976 contained aromatic and aliphatic hydrocarbons, ketones, esters, alcohol, xylene and toluene.
- Excavated materials from these two areas were deposited onto Area C (feature 13, Figure 3A), due to a railroad car expansion project and construction of additional parking (1962 and 1966). No previous field work was conducted at the two areas prior to the issuance of the RFRA, with the exception of five soil borings and three monitoring wells being completed in the vicinity of Area B in 1989 and 1990. The locations of the soil borings completed in the two areas to investigate the subsurface conditions were selected based on a review of past investigative work and historical aerial photographs which depicted areas of disturbance. Three monitoring wells were installed in the bedrock at Area B to ascertain if impacted groundwater previously detected within Area B has migrated vertically into the bedrock. Surface water samples were also collected from Hidden Falls Creek and the Mississippi River, upstream and downstream of the Areas A and B.
- The remedial investigation activities conducted at Areas A and B resulted in an Interim Response Action to remove soils within inorganic and organic concentrations that exceeded the response action goals as outlined by the MPCA. The compounds of concern were lead, ethylbenzene, toluene and xylenes. Soils were excavated from six "hot spots" from November 1992 through January 1993.

Approximately 352 tons of impacted soil was removed from the areas and disposed of at the Madison Prairie Landfill in Dane County, Wisconsin. The soil was shipped as non-hazardous special waste. The Response Action Final Completion Report completed for Areas A and B was accepted by the MPCA on April 20, 1993. On July 8, 1993, TCAP was de-listed from the Permanent List of Priorities (PLP). Therefore, former disposal Areas A and B are considered historical recognized environmental conditions (H.RECs).

### **Former Disposal Area C**

- Area C is located west of South Mississippi River Boulevard and south of the steam plant. Area C was also utilized as a historical waste disposal site for paint sludge and wastes generated at TCAP prior to 1970. Filling activities with paint sludge and waste ceased in 1965; however, substantial filling with demolition rubble and excavated soil occurred after 1965, including soils and waste materials that were excavated from Areas A and B. A volume of approximately 30,000 cubic yards of waste material is believed to be located within Area C. The paint sludge and waste materials were buried beneath approximately 30 feet of rubble including large blocks of reinforced concrete. Drums containing waste materials were also indicated as being buried in this disposal area. An existing 8-inch concrete pavement covers most of the waste fill and limits infiltration through the waste material. The total fill thickness throughout Area C was determined to be approximately 60 feet, which, if removed, would require the removal of a concrete parking lot and excavation of approximately 50,000 cubic yards of fill material.
- A groundwater and chemical data evaluation for Area C concluded that: a) Area C appeared to have had no impact on the Mississippi River; b) concentrations of dissolved metals were either below method detection levels (MDLs) or were low and typically acceptable for levels naturally occurring in groundwater; c) barium was the only analyte found above MDLs in river samples taken in 1990 and was found at equal concentrations upstream and downstream from Area C; and d) review of all 1990 sampling data from both rounds indicated no analyte concentration at or near any then applicable standards used for comparison of water quality and purity (maximum contaminant levels [MCLs] and remedial action levels [RALs]) and all results for the supplemental 1990 monitoring were found well below the current RALs and MCLs at that time. Ford Motor Company proposed no further action for Area C in the February 15, 1991 "RI/FS Work Plan." The MPCA approved the Work Plan in a letter dated January 16, 1991 and Area C was de-listed from the Minnesota PLP along with Areas A and B on July 8, 1993.

Therefore, former disposal Area C is considered historical recognized environmental condition (H.REC).

### **Former Bulk Storage and Waste Solvent UST Area**

- During the fall of 1984 the former bulk storage and waste solvent UST area (feature 36, Figure 3D) was constructed and four USTs were installed to store paints, resin and new solvents delivered to TCAP in tanker trucks. The USTs were double walled steel tanks with corrosion protection and were anchored on buried 24-inch thick concrete pads. Only two of the four USTs were apparently utilized, one of which was placed into use in 1987 and the other was put into use in 1988 (other documentation reviewed indicates that all four USTs may have been utilized to store materials during different periods of time). Based on an analysis of the waste materials stored within the two USTs that were operated, the waste solvent in the tanks consisted of 45 percent xylene; 13.5 percent methyl isobutyl ketone (MIBK) and 12.5 percent toluene with a waste density of 0.882.
- Site investigation activities were completed in this area based on a release of solvent related compounds into the surrounding subsurface. It was determined that the impacted area was confined to the UST basin and that the Decorah shale approximately 20 feet below the basin is essentially impermeable to groundwater flow and would prevent vertical migration of contaminants. Based on the UST investigation results, an interim response action (IRA) for tank removal and remediation was implemented in 1992. The IRA consisted of removal of the four USTs, removal of 790 cubic yards of soil, replacement of the drain tile and sump system associated with the UST system, on-site thermal treatment of soils and backfill of the excavation with imported clean soil and treated soils. Currently, two waste solvent USTs (feature 35, Figure 3D) are present within this area, which were installed following removal and remedial activities associated with the four former USTs in 1992.
- In addition to the IRA, the final remedy for the UST site, as stated in MPCA's March 22, 1993, Record of Decision (ROD) Document, included continued pumping of the UST sump (feature 46, Figure 3D) to the wastewater treatment plant, periodic monitoring of the UST sump discharge, and periodic monitoring of the three monitoring wells present near the UST site. The UST site was de-listed from the PLP on July 8, 1993 and monitoring of the three UST site monitoring wells continued until 2003. At that time, the MPCA approved discontinuation of the well monitoring. Based on a 2006 Annual Monitoring Report completed by CRA, a

sample obtained from the sump located within the UST basin revealed a continued decrease in the overall total or sum of the concentrations of all volatile organic compounds (VOCs) since 1999. The most recent results revealed contaminant levels below the Minnesota Health Risk Levels (HRLs) with the exception of MIBK. The MIBK result was 1,900 parts per billion (ppb) compared to the HRL for MIBK of 300 ppb. The next sampling event is scheduled for the spring/summer of 2007.

#### 2.5.2 Additional Information Pertaining to Historical Waste Disposal Areas A, B and C Obtained Through Review of Files Maintained by Ford

Additional information pertaining to the former waste disposal sites was obtained from documentation maintained at TCAP and/or Ford, which included several items of correspondence between Ford and the MPCA. A letter dated October 23, 1992 described the site conditions at the time. The letter indicated that TCAP was on the state superfund list of contaminated areas. Soils in various areas of the property were contaminated with solvents, oils and paint sludge. TCAP received a score of 8, with 100 being the highest level of concern. Contaminated soils were excavated from the UST area in the summer of 1992 and were treated at an area near the steam plant (Area C) along the river below the bluff. The treatment method was called "soil roasting." Under an MPCA approved plan, the contaminated soils were stockpiled at a burner on an impermeably lined pad. The pile was covered and diked to prevent possible runoff from the stockpile. The soils were fed into a portable asphalt-type burner, where the contaminants were volatilized and destroyed by combustion. Approximately 500 cubic yards of impacted soil was treated on-site at the time of the letter submittal.

Also contained in TCAP documentation reviewed was a letter from AI Johnson Construction Company General Contractors, dated October 26, 1979 to Ford Motor Company, indicating that approximately 19,000 cubic yards of concrete, 10,000 cubic yards of sandstone and approximately 18,000 cubic yards of sand was proposed to be transported to Area C for disposal. The solid waste material was generated as a result of rehabilitation activities of the Ford Lock site (near the hydroelectric plant). The fill material was to be added to bring the height of the fill area to grade with the existing roadway to the steam plant. Once the property (Area C) was brought to grade a concrete parking lot was proposed to be constructed over the area for truck parking. The filling activities were apparently approved in August 1981. The parking lot area was observed during ARCADIS' site reconnaissance activities in March 2007.

### 2.5.3 Brief Summary of Historical Waste Disposal Areas A, B and C Based on Research Completed

Area A as previously described is located near the southern portion of a former test track which was located east of the main assembly building. Paint waste and sludges were deposited in this area from around 1943 until 1960. The waste disposal area was identified during excavation activities in 1966 as a result of a railroad car loading “tri-level” expansion project. It was noted that sludge and other waste fill from Area A was deposited in a waste disposal area located south of the steam plant (Area C).

Area B as previously described is located southeast of the main assembly building. It was indicated that this area was used for the burning and burial of waste materials generated at TCAP from early operations until 1945. The disposal area was excavated and identified during a parking lot expansion project in 1962 and excavated materials from this area were deposited in the third waste disposal area on TCAP (Area C).

Area C as previously described is located south of the steam plant at TCAP, which was historically used as a waste disposal area for various sludges, construction rubble and paint waste generated over the years at TCAP. The majority of the waste material was deposited in this area during 1950 through 1965. Waste disposal was discontinued in this area in 1965, with the exception of the deposition of large volumes of construction debris over the plant waste materials.

Area C was identified to the USEPA by Ford during the Superfund notification process and Areas A and B were also identified by Ford at this time. Therefore, TCAP was listed on the Minnesota State PRP list. In addition, as previously indicated the former solvent USTs were also included in the PRP investigation activities. CRA and other consultants completed various hydrological and subsurface investigations to determine the impact of the fill areas to be addressed.

All three historical waste disposal areas were delisted from the Minnesota State PRP list in July of 1993, therefore; based on the MPCA’s approval the sites were adequately cleaned or maintained based on the standards at the time of final report and review by the MPCA

2.5.4 Subsurface Investigation Completed by Peer Environmental & Engineering Resources, Inc. (PEER), Fuel Oil UST Near Steam Plant (January 1992)

PEER was retained by Howard Needles Tammen & Bergendoff (HNTB) to perform a remedial investigation at the steam plant. The investigation was conducted in response to a petroleum release from a UST (feature 41, Figure 3E). The purpose of the investigation was to define the horizontal and vertical extent of the release and to assess the potential impacts to public health and environment. The work was performed between November 1991 and January 1992. The UST release was from a 26,500 gallon UST containing fuel oil #6. The UST was of steel construction and was installed south of the steam plant in 1950.

Prior to UST closure activities, a preliminary subsurface investigation was performed by Nova Environmental Services, Inc. (Nova) on September 18, 1990 to determine if any releases had occurred from the UST. Based on the results of the preliminary investigation, a release was reported to the MPCA on September 20, 1990 (leak 3262).

Soil borings and monitoring wells were installed by PEER to assess the impact caused by the release. Sandy clay fill to depths of approximately 9 to 15 feet bgs were encountered during soil boring completion. The fill was underlain by alluvial deposits consisting of silty sand and sand with gravel. Groundwater was encountered in the alluvial deposits at depths of approximately 23 to 30.5 feet. The groundwater flow was determined to be southwest, towards the Mississippi River. Soil and groundwater samples were collected and analyzed from the area of the fuel oil UST. Fuel oil impacted soils were encountered at an elevation several feet beneath the base of the UST and just below the water table. Impacted soils were identified at a depth of 28 to 35 feet bgs in B-1 and B-2 (located southeast and north of the UST, respectively). In boring ST-2 (directly southeast of UST), the impacted soil was encountered to extend from a depth of 29 feet to at least 37 feet bgs. No free product was detected during investigation activities. Based on the analytical results, traces of gasoline contamination were detected in the area of the fuel oil UST, which appeared to be unrelated to the UST. The UST was closed in place in October 1990 after it was determined that the removal of the UST was not feasible. UST removal was prohibited because the UST is buried at a depth of 22 feet bgs and is located in proximity to numerous utilities associated with the steam plant and aboveground water tank.

PEER concluded that groundwater impacts associated with the petroleum release were limited, based on analytical data; there was a low potential for vapor impacts to on-site utilities and basement structures due to the depth of contamination and the low



mobility and volatility of fuel oil #6 constituents; and based on the results of the investigation performed, it did not appear that soil or groundwater corrective actions were warranted. PEER recommended that additional water level measurements and a second round of groundwater samples be obtained in March 1992. If the analytical results and water level data supported the conclusions of this investigation, PEER indicated that a request for no action and site closure should be submitted to the MPCA. Upon approval of site closure by the MPCA, the monitoring wells should be abandoned in accordance with Minnesota Department of Health Regulations. The release received an MPCA approved closure in 1994.

2.5.5 American Engineering Testing, Inc. (AET) Phase II Environmental Site Assessment – Proposed Ford Motor Company/UAW/State of Minnesota Training Facility, St. Paul, Minnesota, Dated June 18, 1997

AET was retained by the Minnesota Department of Administration to conduct a Phase II ESA at a proposed state training facility to be constructed along the northeast corner of the main assembly building. The purpose of the Phase II ESA was to determine if the subsurface in the area of the proposed training center had been impacted by the nearby LUST site (feature 2, Figure 3A) located near the southeast portion of the proposed training center. Below is a brief summary of the Phase II ESA activities and findings.

- Five soil borings (SB-1 through SB-5) were advanced in the area of the proposed training center on April 24 and 25, 1997 and an additional soil boring (SB-5A) was advanced adjacent to SB-5 on June 11, 1997. The soil borings were extended to depths ranging between 11.5 and 17 ft bgs and were situated at locations around the perimeter of the proposed training facility. In addition, groundwater samples from each boring were collected from a depth of approximately 6 to 8 feet.
- Based on field screening with a photoionization detector (PID) unit, elevated levels of organic vapors up to 180 parts per million (ppm) were identified in SB-5 (completed near the western portion of the current training center) and 650 ppm was identified in SB-5A. Petroleum odors were also identified in conjunction with the PID readings. No elevated PID readings from SB-1 through SB-4 were recorded.
- The soil analytical results revealed VOC contaminant constituents indicative of a gasoline release present in SB-5. The VOCs were below the reporting limits in the remaining samples. Diesel range organics (DROs) were detected in SB-5A at 45

ppm and in SB-1 at 31 ppm based on a practical quantitation limit of 7 ppm. DROs in the remaining samples were below reporting limits. The gasoline range organics were reported to be 46 ppm in SB-5 and 570 ppm in SB-5A based on a practical quantitation limit of 5 ppm. The analysis for the eight Resource Conservation & Recovery Act (RCRA) metals found the metals concentrations to be within naturally occurring ranges in all samples.

- Analytical results of the groundwater samples collected revealed that DROs were below reportable limits; low levels of VOCs (below established limits for drinking water) were reported for methylene chloride and chloroform; and metal concentrations were below detectible limits in SB-5A.
- The Phase II ESA Report concluded that abandoned fuel lines (feature 5, Figure 3A), which historically carried both gasoline and diesel fuel were present in the area of the investigation and that the contamination was most likely a result of leakage from the gasoline line. AET recommended that the fuel lines be excavated and that the soils encountered should be screened with a PID. In addition, any soils excavated from the area were recommended to be screened with a PID with proper disposal in accordance with MPCA regulations. Furthermore, AET recommended that the property owners (Ford) be notified of the contamination found as well as an application/request for assistance form send to the MPCA's Voluntary Petroleum Investigation and Cleanup Program (VPIC).

#### 2.5.6 CRA Development Response Action Plan Training Center Construction, Ford Motor Company Twin Cities Assembly Plant, St. Paul, Minnesota, Dated February 1998

This report outlined the Development Response Action Plan (Development RAP) related to the management of the petroleum impacted soils (feature 4, Figure 3A) at the training center location for which the MPCA had assigned leak Number 10700. The report provided a background of investigative activities that were completed at the facility and the proposed soil and groundwater management plans for the area. A brief summary of the report is provided below.

- In October 1997, in response to the June 1997 AET report, CRA conducted a limited soil and groundwater investigation in the area of the proposed training center. During soil boring completion Decorah shale was encountered generally between 9 and 11 ft bgs. Perched groundwater was encountered at 5 ft bgs at all boring locations. CRA reported to the MPCA that a small amount of free product was discovered at soil boring location S-4, located along the western portion of the

proposed training center. The MPCA requested that a monitoring well be installed in the area of S-4 to evaluate the thickness and potential volume of the free product encountered in the area. After additional planning and discussion with the MPCA, Ford submitted an application to enter into the MPCA's VPIC program on December 10, 1997 which was approved by the MPCA on December 16, 1998.

- Additional investigative work was completed in January 1998 to define the extent of the petroleum impact beneath and adjacent to the proposed training center. Nine soil borings and one monitoring well (in the location of S-4) were completed to the top of bedrock or to a maximum depth of 12 ft bgs. Measurements of the monitoring well identified approximately 0.01 foot of free product.
- In February 1998, ten soil borings were completed in the area to characterize the soils for disposal or reuse purposes that were to be excavated from the proposed training center area. It was estimated that approximately 16,000 cubic yards of soil would be excavated from the area and that approximately 5,500 cubic yards of soil would be impacted and would need soil characterization for disposal. In addition, it was anticipated that dewatering would be required during excavation activities; therefore, groundwater sampling was completed to provide the necessary data to apply for a discharge permit to the city sanitary sewer. On February 24, 1998, the Metropolitan Council of Environmental Services (MCES) granted temporary approval for the discharge of contaminated groundwater generated from the excavation activities into the city sanitary sewer system.
- The excavated soils from the area of the training center would be directly loaded onto trucks for off-site transportation as site conditions did not allow for the temporary storage of soil prior to off-site transportation. The monitoring well previously installed in the area would be removed during excavation activities. A soil and groundwater management plan was outlined in the report and proposed to be implemented during the activities.

2.5.7 CRA Implementation Report Development RAP Training Center Construction, Ford Motor Company Twin Cities Assembly Plant, St. Paul, Minnesota, Dated May 15, 1998

CRA submitted a letter to the MPCA to serve as the implementation plan for the Development RAP at TCAP. The Development RAP was approved by the MPCA on February 27, 1998. A background of activities completed was summarized in the report. Construction activities of the training facility began on March 2, 1998. During the excavation activities CRA collected soil samples and evaluated them immediately



***Environmental Audit Report  
Privileged Document***

in the field for potential impact by visual and PID unit methods. The purpose of the screening was to select the portion of the excavated soil that was petroleum impacted and would be sent off-site for disposal versus reuse as off-site general fill material. A total of approximately 3,078 cubic yards of soil (feature 4, Figure 3A) was sent to a disposal site for biological treatment. Dewatering activities were conducted during the excavation activities and groundwater was pretreated prior to discharge into the sanitary sewer system. The treatment system contained an oil/water separator and an air stripper. A total of 50,693 gallons of water from dewatering activities was discharged during the project.

**Phase I Environmental  
Site Assessment**

Twin Cities Assembly Plant  
(TCAP)  
966 South Mississippi  
River Boulevard  
St. Paul, Minnesota

### **3. Site Assessment**

#### **3.1 Site Inspection**

ARCADIS representative, Ms. Tiffany A. Linder conducted the site visit on Wednesday, March 14 through Friday, March 16, 2007 and Trika Nelson-Kalmes of ARCADIS conducted a site inspection of the subsurface tunnels located beneath TCAP on Wednesday, May 2 through Monday, May 7, 2007 (refer to Figure 3F).. Mr. Thomas Dougan, Plant Manufacturing Engineering Manager of the Ford Division and Mr. John Meyers, Environmental Engineer with the Ford Division accompanied Ms. Linder during the site tour. Photographs taken during the site visit are included in Appendix C. Weather conditions on the days of the site visit conducted in March were partly sunny with temperatures ranging from approximately 32 to 36 degrees Fahrenheit. Approximately two to four inches of snow covered the ground surface in some areas at TCAP and surrounding areas, which impeded visual observations of some areas of ground surface at TCAP. However, the majority of the TCAP property had been cleared of snow cover.

#### **3.2 Description of Process Operations**

The Ford Motor Company TCAP operates as a complete vehicle assembly line for light duty trucks. The light duty trucks are assembled from parts manufactured at off-site locations. The assembly process includes engine and chassis assembly, welding and sealing of sheet metal body components, metal finishing (sanding and surface preparation), metal cleaning, phosphate coating, painting and final assembly.

The main assembly process consists of the welding of steel panels and parts manufactured at off-site locations that are delivered to TCAP via rail or truck. The welding is completed manually or more often by automated robots. The cabs are assembled and welded in the northeastern portion of the main assembly building and the boxes are assembled and welded in the southeastern portion of the main assembly building. While the cabs and boxes are being assembled the corresponding chassis are being assembled in the southwestern portion of the main assembly building. The cabs and boxes are transported via a bridge conveyor system to the paint building. The painted bodies are transferred, via the same conveyor system, to the trim area located in the west-central and northwestern portions of the main assembly building. Trim is completed in these areas which consist of the installation of the remaining features of the truck, such as interiors, dashboards, lights, windshields, tires and all other trim items. Once trimmed the vehicles are filled with appropriate automotive

fluids (feature 107, Figure 3B) and are passed through a quality control and quality assurance evaluation prior to being released for sale. The current operation layout is presented on Figure 4. Appendix C presents photographs of assembly operations.

The painting process is accomplished in four operations within the paint building, which is connected to the main assembly building via a bridge which transfers the vehicle bodies to and from the paint building. The bare metal bodies from main assembly pass through the phosphate process (feature 130, Figure 3D), which submerges the metal bodies in a bath of zinc phosphate and other chemical additives to clean and etch the metal for increased paint bonding potential. The metal bodies are then passed through the electrocoat (E-coat) system (feature 131, Figure 3D) in which the E-coat is electrically bonded to the metal. Both the phosphate and E-coat processes are “wet” processes and are completed to inhibit rusting of the vehicle body. Following the E-coat process the vehicle bodies are passed through a high temperature oven to cure the E-coat. Sealer is then applied to body seams and cosmetic areas of the vehicle to bond the metal seams. The vehicle bodies then pass through a solvent borne prime process followed by curing in an oven. A solvent borne basecoat and clearcoat is then applied to the vehicle body followed by curing in an oven. The paints and sealers are applied to vehicle bodies in separate enclosed booths ventilated with forced air exhaust. The vehicle bodies are inspected after each of the painting operations and minor imperfections are removed by manual sanding. Paint sludge generated from the painting operations is collected in two paint sludge pits (feature 121, Figure 3D) located in the western portion of the pain building.

The steam plant is currently used to house one operable boiler fueled by natural gas, which provides heat for the processes at the assembly plant. Historically, fuel oil and coal were utilized at the steam plant to fuel the boilers.

The wastewater treatment plant treats the industrial wastewater generated by the various assembly processes. Approximately one-third of the wastewater at TCAP is generated by the phosphate process in the paint building. Wastewater is collected from the various generation points throughout the plant property and is transferred through underground piping to the wastewater treatment plant and stored in three wastewater holding tanks (feature 133, Figure 3E) (each approximately 300,000-gallon capacity). The location of industrial process wastewater piping is shown on Figures 6A through 6D. Treatment consists of solids coagulation and participation using polymers and settling tanks. The settled sludge is pumped to a sludge holding tank. The treated water flows through a sand filtration system and is discharged into the City of St. Paul municipal sanitary sewer system. The sludge generated by the treatment process is

dried and then collected within a gondola (dumpster), which is hazardous solid waste (feature 132, Figure 3E).

### **3.3 Process Chemicals and Waste Streams**

#### 3.3.1 Process Chemicals Utilized On-Site

Various hazardous materials and petroleum-based products are stored and used at TCAP (refer to Tables 3, 4 and 5 for information pertaining to bulk chemical storage areas). The primary chemicals in use consist of the following:

- The assembled panels are cleaned with parts cleaning solvents, such as mineral spirits to remove excess oils remaining from the stamping process.
- Parts washing units (mineral spirits), serviced by ZEP were observed within the main assembly building.
- The assembly machinery and transfer equipment such as conveyors and elevators contain hydraulic fluids and greases.
- Paints, solvents and other chemical additives are utilized in the painting process at TCAP (refer to Section 3.19.5 which describes some of the solvents utilized in the painting process).
- Vehicle fluids such as antifreeze, brake fluid, refrigerant, transmission fluid, power steering fluid, motor oil, window washer fluid and gasoline are added to the assembled vehicles.

The TCAP Spill Prevention Control and Countermeasure (SPCC) Plan was updated mostly recently in 2003. According to the report, TCAP has a total oil and oil related material storage capacity of 98,860 gallons in aboveground and underground storage tanks (refer to Tables 3 and 4). The report indicated that TCAP also typically stores approximately 4,900 gallons of oil/oil related material in drums and totes on-site (refer to Table 5). TCAP also maintains a Pollution Incident Prevention plan, Storm Water Pollution Prevention Plan (SWPPP) and Total Toxic Organic Management Plan.

### 3.3.2 Waste Streams

Below is a chart outlining the total quantity of each waste material generated at TCAP for 2006. The sources of noted materials are explained below the table.

<b>Waste Material</b>	<b>Yearly Quantity (2006)</b>	<b>Disposal/Recycling Facility</b>
Waste Electronic Components – Universal	9848 pounds	Recycle America, Minneapolis, MN
Mop Heads	14 tons	Waste Management Spruce Ridge Landfill, Glencoe, MN
Non-PCB Ballasts – Universal	5 drums	Recycle America, Minneapolis, MN
Ni-Cad Batteries – Universal	874 pounds	Mercury Waste Solutions, Inc., Roseville, MN
Alkaline Batteries – Universal Waste	1 drum	Mercury Waste Solutions, Inc., Roseville, MN
Lead Acid Batteries – Universal	112.725 tons	Goper Resource Corporation, Eagen, MN
E-Coat Sludge and Filters – Non-Hazardous	116 drums	Waste Management Spruce Ridge Landfill, Glencoe, MN
Bonderite – Non-Hazardous	25 drums	Waste Management Spruce Ridge Landfill, Glencoe, MN
Sealer/Beta Seal – Non-Hazardous	13 cubic yards	Waste Management Spruce Ridge Landfill, Glencoe, MN
Paint Filters - Hazardous	12 cubic yards	Safety Kleen Systems, Inc., Smithfield, KY
Sealer Sludge – Non-Hazardous	31 drums	Waste Management Spruce Ridge Landfill, Glencoe, MN
Lot Sweepings – Non-Hazardous	141.92 tons	Waste Management Elk River Landfill, Elk River, MN
Empty Poly Drums – Non-Hazardous	531 drums	Twin City Container, Hastings, MN
Empty Steel Drums – Non-Hazardous	805 drums	Twin City Container, Hastings, MN
Used Oil	2,070 gallons	Safety Kleen, Eagan, MN
Used Antifreeze – Non-Hazardous	58 drums	Safety Kleen, Eagen, MN
Medical Wastes - Biohazard	3 shipments	Stericycle, Inc., Sturtevant, WI
Windshield Primer – Hazardous	29 drums	Safety Kleen Systems, Inc., Smithfield, KY



<b>Waste Material</b>	<b>Yearly Quantity (2006)</b>	<b>Disposal/Recycling Facility</b>
Grease – Non-Hazardous	13 drums	Safety Kleen Systems, Inc. Smithfield, KY
Paint Rags and Cups - Hazardous	103 drums	Safety Kleen Systems, Inc., Smithfield, KY
Wastewater Treatment Sludge- Hazardous	151.68 tons	Envirite of Illinois, Inc., Harvey, IL
Purge/Cleaning Solvents - Hazardous	288.989 tons	Gage Solvents, Ferndale, MN
Mercury Devices – Universal	1 pound	Mercury Waste Solutions, Inc., Roseville, MN
HID Bulbs – Universal	91 bulbs	Mercury Waste Solutions, Inc., Roseville, MN
8 ft Fluorescent Bulbs - Universal	2,357 bulbs	Mercury Waste Solutions, Inc., Roseville, MN
4 ft Fluorescent Bulbs - Universal	713 bulbs	Mercury Waste Solutions, Inc., Roseville, MN
Used Oil Filters – Non-Hazardous	1 drum	Safety Kleen, Astoria, IL
Oily Rags – Non-Hazardous	23 drums	Safety Kleen, Astoria, IL
Truck Tires	608 tires	Greenman Technologies of Minnesota, Inc., Savage, MN
Scrap Metal – Steel	618.84 tons	Great Western
Aluminum Scrap	8.41 tons	Great Western
PVC Coating	19 drums	Waste Management Spruce Ridge Landfill, Glencoe, MN
Construction Debris	96.14 tons	Waste Management Spruce Ridge Landfill, Glencoe, MN
Oily Sludge	3,970 gallons	Waste Management Spruce Ridge Landfill, Glencoe, MN
Paint Sludge – Non-Hazardous	541.2 tons	Waste Management Spruce Ridge Landfill, Glencoe, MN
Contaminated Soils	82.94 tons	Waste Management Spruce Ridge Landfill, Glencoe, MN
Cardboard – Non-Hazardous	Not Reported	LDI, New Hope, MN
General Plant Refuse – Non- Hazardous	Not Reported	Waste Management Spruce Ridge Landfill, Glencoe, MN
Wooden Pallets	Not Reported	Northland Pallet, Inc., Minneapolis, MN

Note: The information contained in this table was provided by TCAP personnel. .

Other waste materials generated at TCAP in the past, but not generated during the 2006 year include lead based paint chips, paint sludge/chips, DI resin, copper scrap, lead scrap, copper wiring, carbon filters and parts washer filters.

Documentation reviewed at the MPCA indicated that waste solvents generated during 1950 through 1976 contained aromatic and aliphatic hydrocarbons, ketones, esters, alcohol, xylene and toluene.

TCAP is considered a large quantity RCRA generator of hazardous waste and has been assigned U.S. EPA ID Number MND006207773. Refer to Section 3.19.4 for details regarding the RCRA generator permit issued for TCAP.

### **3.4 General Housekeeping**

Chemical storage areas observed at TCAP were well kept, labeled and maintained with closed lids/caps. TCAP utilizes curbing, diking, sump pumps and absorbent materials to minimize the opportunity for a chemical release into the surrounding ground surfaces and/or floor drains/storm water drains. In addition, the plant buildings serve as a secondary containment for process chemicals stored within the buildings. Minimal staining was observed within the chemical storage areas. However, areas of hydraulic oil leakage were observed near several pieces of assembly machinery (feature 86 and feature 90) located inside the main assembly. Detailed descriptions of these features are presented in Table 2 and their locations are presented on Figures 3B and 3C.

Based on documentation maintained at TCAP, it appears that required daily, monthly and yearly inspection and monitoring is being completed for ASTs, USTs, associated product piping and equipment associated with the assembly processes. With one exception, large volume chemical storage ASTs (refer to Table 4) observed appeared to be in good physical condition with no visual evidence of compromised integrity. The exception was an out-of-service AST (feature 126, Figure 3D) located in the northeastern portion of the paint building that was formerly utilized to store sulfuric acid. This AST was observed to be completely rusted with large holes and no bottom. The AST is contained within a secondary containment structure and could not be removed based on its location, according to TCAP personnel. The concrete floor surface was unable to be inspected due to standing liquid and rusted metal present within the containment unit.

### 3.5 Underground Storage Tanks (USTs)

A total of 12 USTs are currently in use at TCAP. A summary of the current and former USTs are presented in Table 3 and their locations are presented on Figures 3A through 3E. Two 20,000 gallon unleaded gasoline USTs (feature 24, Figure 3C) are located along the western portion of the warehouse building. The USTs are utilized to store unleaded gasoline to partially fill the assembled trucks for testing and for relocation of the finished trucks to storage parking lots. The two USTs are of steel construction with cathodic protection.

Two 10,000 gallon USTs (feature 35, Figure 3D) are located west of the hazardous materials storage building and south of the paint building. The two USTs are of steel construction with cathodic protection. One of the 10,000 gallon USTs contains used purge solvent and the other UST contains used cleaning solvent, which are both considered RCRA hazardous waste. The purge solvent is generated through the purging process of the paint robots between color changes and the cleaning solvent is generated by cleaning painting equipment. Aboveground piping is utilized within the paint building, which collects waste solvents from various paint operations and transfers them to the purge pots inside the paint kitchen. The used solvents are transferred from the purge pots via double walled steel piping into the two used solvent USTs (feature 37, Figure 3D). The portion of the underground piping between the paint building and used solvent USTs is located within a concrete utility trench, with the exception of the piping extending from the top of the USTs down to the utility trench.

The four USTs (gasoline and solvent) are installed within above grade concrete containment that has been covered with an earthen embankment and is vegetated.

In addition, eight 30,000 gallon liquid propane USTs (feature 39, Figure 3E) are located south of the steam plant. The USTs are of steel construction with cathodic protection. The former propane USTs (eleven total) (feature 19, Figures 3B and 3D) located near the eastern portion of the main assembly building and near the southwest corner of the paint building were removed in 1999, when the eight new propane tanks were installed.

In regards to the current USTs in place at TCAP, Energy Economics, Inc. completed a cathodic protection survey on December 8, 2006 of the gasoline, propane and solvent USTs. According to the report, the survey revealed that all of the USTs have cathodic potentials which are indicative of adequate protection. A cathodic protection

test completed for the solvent USTs in December 2004 by Energy Economics, Inc. revealed that the positive cable for the impress current system was broken. Energy Economics, Inc. recommended that the positive cable should be traced out to determine if the cable is broken or if the anode connections have failed. According to TCAP personnel (Mr. John Meyers) the necessary actions were completed to ensure proper operation of the protection system.

Annual monitoring activities are conducted for the solvent USTs, since they are located within the former bulk storage and waste solvent UST area described in Section 2.5. A sump for collection of accumulated water is located in the northwestern portion of the UST basin/bunker. Based on the 2006 Annual Monitoring Report completed by Conestoga-Rovers & Associates, a sample obtained from the sump located within the UST basin revealed a continued decrease in the overall total or sum of the concentrations of all VOCs since 1999. The most recent results revealed contaminant levels below the Minnesota Health Risk Levels (HRLs) with the exception of MIBK. The MIBK result was 1,900 ppb compared to the HRL for MIBK of 300 ppb. The next sampling event is scheduled for the spring/summer of 2007.

Based on research completed, a total of 33 former USTs were utilized at TCAP. It is unknown if all of the former USTs located at TCAP have been properly removed.

### **3.6 Aboveground Storage Tanks (ASTs)**

A total of 89 ASTs are currently in use at TCAP, three ASTs are temporarily out of use and two ASTs were historically present at TCAP, which are summarized in Table 4. In addition, refer to Figures 3A through 3E which depict the current and historical locations of ASTs identified at TCAP. Also refer to Appendix C for photographs of some of the current ASTs.

In general the ASTs at TCAP are utilized to store bulk vehicle fluids, chemicals and paints utilized in the painting process, fuel for fire water pumps, various chemicals utilized in the assembly process, and chemical additives for the boiler system and wastewater treatment process. The majority of the ASTs are of steel construction and secondary containment consists of concrete dikes, building walls or drainage into the wastewater treatment plant. The majority of the ASTs observed during site reconnaissance appeared to be in good condition with no visual evidence of compromised integrity, with the exception of two ASTs. Two ASTs were observed to be in poor condition, which consisted of the lye/caustic tank (feature 51, Figure 3B), east

of the central engineering offices in the main assembly building, and a former sulfuric acid AST (feature 126, Figure 3D) in the northeastern portion of the paint building. Both ASTs were observed to be corroded and in poor physical condition. The acid AST is no longer in service.

An AST permit (#51453) for TCAP was issued by the MPCA in 1998 and expired in 2004. This permit replaced the Liquid General Permit for all ASTs greater than 1,100 gallons that was previously issued by the MPCA for TCAP (refer to Table 4 for a list of current and historical ASTs identified at TCAP). The permit outlined requirements for product transmission lines, gauging and reconciliation, visual inspection, internal and external inspection of field-erected tanks, overfill prevention, secondary containment, underground product transmission lines, annual progress report, maintenance and operation and notice of physical alterations and additions. Annual AST progress reports were previously required to be submitted by TCAP; however, the requirement for submittal of these reports was discontinued by the MPCA AST Division in 2002 along with the requirement to maintain a permit.

Two 500,000 gallon fuel oil ASTs (feature 42, Figure 3E) were historically located south of the steam plant. The two ASTs were installed in 1951 and were situated within a dike system for secondary containment purposes. The ASTs were removed from service in 2000 and corrective actions were completed between August 1, 2000 and October 16, 2000 as a result of the July 2000 AST incident. Apparently, the secondary containment unit in which the two ASTs were situated filled with runoff due to heavy rain in July 2000 during which one of the ASTs, which had previously been placed out of service in November 1999, began to drift towards the center of the containment area where it eventually came to rest. The dislodged AST did not come into contact with the in service AST also situated within the secondary containment area. No leakage or sheen was reported during the incident and the ASTs were monitored daily for evidence of leakage. Mr. Matuseski with the MPCA inspected the site and noted that there were no apparent problems associated with the ASTs and was pleased with Ford's plan to remove the ASTs. He recommended that a structural engineer perform a survey of the AST which became ungrounded to insure adequate stability. An inspection was completed, which determined that no leaks or additional structural anomalies were detected.

Following the incident, both ASTs were removed from TCAP in 2000. The corrective actions included removal of the remaining fuel oil from the in service AST, as the other had been previously put out of service; cleaning of the AST and associated piping and dismantling of the two ASTs for recycling.

### **3.7 In-Ground Hydraulic Equipment**

A total of 76 hydraulic lifts are located within the main assembly and paint buildings. Of those 76 lifts 30 are in-ground hydraulic lifts. Refer to Table 6 for details of current hydraulic lifts and Figures 3B through 3D for locations. Based on information provided by TCAP personnel, an unknown number of former hydraulic lifts have been located in production buildings throughout the years; however, documentation was not found which indicated the former installation, location or removal activities associated with the former lifts.

A seal on one of the hydraulic elevator units (feature 66, Figure 3B) observed in the main assembly building was identified to be failing and leakage of hydraulic fluid was apparent in the concrete pit containing the piston and on the surrounding ground surface. In addition, several other areas of minimal to heavy hydraulic fluid leakage (features 86 and 90, Figures 3B and 3C) were apparent near equipment throughout the main assembly building.

### **3.8 Oil-Containing Equipment**

Oil containing equipment at TCAP includes elevators, aboveground hydraulic lifts (Table 6), process related equipment and conveyor drives. The elevator to paint (feature 66, Figure 3B) was observed to be leaking, which was observed in the central portion of the main assembly building. Process related equipment located in the southeastern portion of the main assembly building were observed to be leaking hydraulic fluid into housekeeping trenches surrounding the process equipment (features 86 and 90, Figures 3B and 3C, Table 2).

### **3.9 Electrical Equipment and PCB-Containing Materials**

Apparently 21 wet transformers formerly contained PCB (polychlorinated biphenyl) oils, of which two transformers were removed from the steam plant. The remaining 19 wet transformers are in place within the main assembly building and paint building and were either retrofitted with non-PCB containing oils or were replaced by 1999. Two electrical substations are located in the main assembly building, one being located beneath the cafeteria (feature 54) and the other being located just south of the cafeteria (feature 55). During the site reconnaissance, the electrical substation room beneath the cafeteria was observed to be well maintained with no visual evidence of leakage from the electrical transformers. Refer to Table 2 for a summary of the current and former wet transformers and refer to Figures 3B through 3E which

depict their locations. Numerous dry transformers were observed throughout the production buildings at TCAP. Approximately 75 dry transformers were identified during the site reconnaissance activities.

Based on documentation reviewed, all oil-containing electrical equipment (wet) is non-PCB. Several electrical transformers, associated electrical components, and lighting ballasts were observed throughout the TCAP property and within the buildings on-site.

A 1985 Certificate of Exemption for the Use, Possession, Sale, Purchase, or Manufacture of PCB or Products Containing PCB was reviewed that was issued for TCAP by the MPCA on January 7, 1985 and expired January 7, 1990. The certificate indicated that PCBs were used as flame resistant coolant in transformers located in power stations and vaults in various locations at TCAP. The certification also indicated that 15 transformer units were present at TCAP at the time of authorization, which contained a collective amount of 5,850 gallons of PCB containing transformer oil. The certification outlined the requirements for secondary containment of PCB-containing transformers, spill reporting and other general housekeeping and maintenance requirements for the use and storage of PCB containing transformer oils.

Prior to the phase out of PCB-containing transformers at TCAP beginning in 1995, 21 PCB containing transformers and capacitors were located within the plant buildings and in the electrical substation room in the central portion of the main assembly building. According to an inter-office communication letter, dated August 25, 1995, company policy was implemented which required all PCB-containing equipment to be removed by 2010. The letter also indicated that according to a schedule, the removal of all Vehicle Operations transformers and capacitors in North America needed to be completed by 2005. Annual reports pertaining to inventory of PCBs at TCAP were reviewed dating from 1979 to 1996. Several minor spills or releases were identified in the reviewed documentation which appeared to have been remediated and managed (refer to Section 3.20). According to TCAP personnel all PCB-containing transformer oils and associated PCB-containing equipment have either had their fluids changed out or have been removed from TCAP. A letter dated July 13, 1998, was submitted by Ford Motor Company to the St. Paul Fire Department indicating that four remaining PCB-containing transformers at TCAP had been removed. The transformers were replaced with non-PCB containing transformers.

According to TCAP personnel, three additional transformers that are not recorded in documentation were installed as power backup for a flood which occurred during 1965. One of the three transformers was observed to be leaking oil, which may potentially contain PCBs, based on the timeframe of installation. The three transformers were installed near the cafeteria in the main assembly building (feature 54, Figure 3B).

### **3.10 Asbestos-Containing Materials**

An asbestos survey was not conducted as part of this Phase I ESA. Asbestos was banned in most friable building materials (sprayed applied surfacing materials and thermal system insulation) in 1978, but the OSHA deems spray applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as “presumed asbestos-containing materials” if they are present in pre-1980 buildings (Title 29 of the Code of Federal Regulations, Parts 1910.1001 and 1926.1101).

The plant buildings were constructed in a range of years from 1923 through 1998; therefore, portions of the plant buildings that were constructed prior to 1980 may contain asbestos-containing materials. Labeled asbestos-containing thermal system insulation was observed around steam pipes and other insulated piping systems within several areas of the plant buildings. The asbestos-containing thermal system insulation was identified primarily in the main assembly building and the steam plant as well as the bridge containing the steam piping for the assembly plant. Limited sections of the insulation were observed to be damaged and friable (refer to Appendix C for photographs).

Based on information reviewed, an asbestos survey was completed by Clayton Environmental Consultants, Inc. (Clayton) in 1988, which identified several areas of building materials that contained asbestos within TCAP building structures. An asbestos survey also was completed on June 21, 2000 by Institute for Environmental Assessment (IEA) for roofing and underside decking materials at TCAP. Several materials on the rooftop were identified to contain asbestos, which included all base flashings, the gravel stop assembly on the upper roof areas that are adjacent to the rounded concrete edging, silver coating around roof drains on upper roof areas and gray bituminous patching material located throughout the roof areas. Asbestos abatement activities were completed at TCAP in 2002, 2003 and 2004 and materials were manifested and transported off-site for disposal, which related to removal of roofing materials. Based on an asbestos survey completed by IEA in 2002 for identified roof areas at TCAP, the perimeter base flashings contained 5 percent to 20



percent chrysotile asbestos, the penetration base flashings contained 10 to 25 percent chrysotile, and the bituminous patching material on the perimeter base flashings contained 20 percent chrysotile. Asbestos air sampling was completed in April 2002 by HDR Engineering, Inc. within the main office area at TCAP, which revealed no asbestos fibers present within the air samples collected from the area.

### **3.11 Radon**

ARCADIS did not conduct radon testing as part of this assessment. Radon is not part of the standard Phase I scope under ASTM E1527-05. However, available radon data for the area was reported in the EDR report ordered for TCAP. U.S. EPA has classified Ramsey County as Radon Zone 1. Properties located in Zone 1 are expected to have average indoor radon levels greater than 4 picoCuries/liter (pCi/L). According to the Minnesota state database for radon levels in Ramsey County, out of 3,576 sites tested 758 sites (21 percent) had radon levels greater than or equal to 4 pCi/L. According to federal radon data, from two area sites tested, EDR reported average radon data for first floor living areas to be 10.100 pCi/L of the two sites tested and average radon levels for basement levels to be 3.350 pCi/L. Average radon levels for second floor living areas were not reported. Based on the state database information for radon concentrations in Ramsey County, the majority of sites tested had levels below the U.S. EPA safety standard for radon gas in residences of 4 pCi/L and the United States Council on Radiation Protection and Measurement standard of 8 pCi/L. However, in some areas it should be noted that the average radon levels for first floor living areas was above 10 pCi/L, which may pose a concern should the TCAP property be developed for residential or commercial use with basements.

### **3.12 Lead**

A lead-based paint survey was not conducted as part of this Phase I ESA. Based on the construction dates of the plant buildings that range from 1923 through 1998, portions of the plant buildings that were constructed prior to 1980 may contain lead-based painted surfaces. Several areas of chipping and peeling paint were observed on interior and exterior portions of the plant buildings.

In addition, prior to 1998 the paint and primer utilized in the painting process at TCAP was lead based paint and primer. Since 1998, all paints and primers used in the painting process are lead free.

Based on information reviewed, a lead paint survey was completed on June 21, 2000 by the Institute for IEA for paint samples collected below the metal and wood decking on identified roof areas. Two samples were obtained from the areas and were identified to contain lead well below the threshold level of 5,000 ppb.

Additional lead-based paint surveys were conducted at TCAP in August 2001 and March 2002. The samples collected from various areas at TCAP were identified to contain lead ranging from 0.01 to 0.72 milligrams per square centimeter, which were below the standard established by the Minnesota Department of Health and the U.S. Department of Housing and Urban Development of 1.0 milligrams per square centimeter. Although the areas tested for lead based paint were below the standards it does not indicate that all areas within the plant buildings do not contain lead based painted surfaces.

### **3.13 Storm Water Discharges**

Storm water discharges from TCAP occur at two permitted outfalls, through National Pollutant Discharge Elimination System (NPDES) Permit No. 0002178 issued by the MPCA. Storm water from the east side of TCAP (including the paint building, new production vehicle parking lot, and the railroad tracks) discharge to Outfall 001 (feature 15, Figure 3A, Appendix C), located south of TCAP. Outfall 001 discharges to a storm sewer maintained by the City of St. Paul that discharges into Hidden Falls Regional Park and then into the Mississippi River. Storm water from the west side of the plant (including the main assembly building and the warehouse) discharges through Outfall 002 (feature 14, Figure 3A), which discharges directly to the Mississippi River. A third outfall collects water from the employee parking lot, is not regulated, and discharges directly to the river.

During site reconnaissance activities conducted in March 2007, Outfall 001 was visually inspected for signs of potential impact from the storm water discharges. The storm water exiting the outlet pipe appeared to be clear, free of debris with no apparent sheen on the surface of the water. TCAP personnel indicated that prior to discharging into Hidden Falls Regional Park, Outfall 001 combines with storm water from surrounding properties. Outfall 002 could not be visually evaluated due to the steep grade of the land down the bank of the Mississippi River and the icy weather conditions.

A storm water detention basin was observed south of the steam plant, which apparently collects storm water runoff from the steep hill side to the south of the

detention pond and storm water from areas of the steam plant located north of the detention pond. In addition, ARCADIS personnel inspected several storm water manholes at TCAP on April 2, 2007. Based on the observations made most of the storm water manholes appeared to be in good condition with clean clear water running through the man ways. However, one storm manhole inspected revealed evidence of a slight sheen. The manhole is located near the southwestern portion of the main assembly building, near the former brake fluid UST (feature 23, Figure 3C). On May 7, 2007 a follow-up inspection was conducted at the manhole and there was no sheen present.

### **3.14 Wastewater Discharges**

Wastewater from the assembly operation is generated primarily from phosphate operations, E-coat operations, paint booth scrubber water overflow and maintenance cleanings. Wastewater from the scrubber, phosphate and E-coat process lines gravity flows into sumps at each respective line. The sumps are equipped with level-control activated pumps that transfer wastewater to the wastewater treatment plant influent sump for treatment.

The wastewater from the E-coat lines is pumped through ultrafiltration filters. Permeate from the ultrafiltration filters is transferred directly to the batch tanks at the wastewater treatment plant. The treated effluent is combined with sanitary wastes and is discharged to the City of St. Paul sewage treatment facility. The process wastewater treatment for the remaining discharges was described in Section 3.2.

Process wastewater generated by TCAP previously was discharged directly into the City of St. Paul sewage system without pretreatment before construction of the wastewater treatment plant in approximately 1984. Based on a 1984 Baseline Monitoring Report completed by the Environmental Control, Emissions and Paint Materials Department, the Metal Finishing Pretreatment Standards for Heavy Metals were not being consistently met at the time and additional pretreatment of process water was required to meet the standards. Therefore, a compliance plan was initiated to collect the process wastewater discharges at TCAP and transfer the flow into a central wastewater pretreatment facility.

**3.15 Septic Systems, Cesspools or Dry Wells**

Based on information reviewed and according to TCAP personnel interviewed, no septic systems, cesspools or dry wells currently exist at TCAP or had existed at TCAP in the past.

**3.16 Pits, Sumps and Other Subsurface Collection Features**

Several current and historical pits, sumps and other subsurface collection features are present at TCAP and are summarized in Table 2 and presented on Figures 3A through 3F.

**3.17 Groundwater Wells**

EDR conducted a records search of the Federal USGS, Federal Reporting Data System (FRDS) Public Water Supply (PWS) System, and State databases of wells located within approximately one mile of TCAP. Six USGS wells were identified between 0.25 mile and one mile northeast, south-southwest, west-southwest, east-southeast and southwest of TCAP. No Federal FRDS PWS wells were identified within one mile of TCAP. Eleven State wells were identified between 0.125 mile and one mile south, south-southwest, east-northeast, northeast, southwest and southeast of TCAP.

Based on previous subsurface investigation activities conducted at TCAP, several monitoring wells have been installed at several locations across TCAP. Many of the previous monitoring wells have been properly abandoned; however, three monitoring wells are still currently in place at TCAP and were observed during site reconnaissance activities. The three monitoring wells (MW-4, MW-5 and MW-6) are located east, west and southwest of the hazardous waste storage building, respectively (refer to Figure 3D). The three wells were installed to monitor a relatively limited groundwater impact present in the vicinity of the two used solvent USTs situated west of the hazardous water storage building, which was a result of previous contamination caused by historical solvent USTs (feature 36, Figure 3D) in the same location (refer to Section 2.5). Below is a brief summary of areas where monitoring wells have been installed and abandoned:

- According to documentation reviewed, one groundwater monitoring well, B-6, was installed in 1990 southeast of the packer building to evaluate the groundwater in the area (Area B as discussed in Section 2.5). Well B-6 has apparently been abandoned and was not identified during the site visit.

- Three groundwater monitoring wells were installed near the steam plant and were abandoned in 1995 by PEER Environmental & Engineering Resources, Inc. (PEER). The groundwater monitoring wells were installed to investigate subsurface impact resulting from a closed in place fuel oil UST (feature 41, Figure 3E) (refer to Section 2.5).
- Several groundwater monitoring wells were installed on the Soo Line Railroad property to evaluate the area (Area B as discussed in Section 2.5), which adjoins TCAP to the south. The monitoring wells were filled and abandoned in 1994 by CRA.
- Several additional monitoring wells were installed during subsurface investigation activities by CRA in the area of three former waste disposal areas (Areas A, B and C) and the used solvent UST area (refer to Section 2.5). The monitoring wells have since been abandoned, with the exception of MW-4, MW-5 and MW-6 (refer to Figure 3D).
- According to a letter submitted to Ford Motor Company on November 7, 1990 by DPRA, Inc., access to the TCAP property was requested to install three groundwater monitoring wells along the northeast portion of the TCAP property as part of a remedial investigation of the surrounding Amoco Service Station, located at 2185 Ford Parkway (current Tires Plus). Further details regarding the Amoco Service Station are provided in Section 5.1.

### **3.18 Stains and Stressed Vegetation**

During site reconnaissance activities completed on March 14 through 16, 2007, areas of stressed vegetation were not visually identified. However, due to the time of year the site assessment was conducted it was difficult to identify such areas as vegetation re-growth had not begun to occur. Several minimal to heavy areas of staining were observed in various areas of the building interiors and exterior portions of the TCAP property, which are described below (refer to Table 2, Figures 3A through 3E and Appendix C).

- Heavy staining and leakage was noted near assembly machines in the southeastern portion of the main assembly building. The leakage was observed to be flowing into several concrete floor trench systems (housekeeping trenches) near the machinery (features 86 and 90). The concrete interior of the floor trenches could not be visually inspected; therefore the integrity of the trenches is

unknown. According to TCAP personnel the collection trenches are pumped free of liquid approximately once a week. In addition, pooled oils were observed within the metal secondary containment pans situated above the concrete floor trenches. The metal secondary containment pans collect oil leakage from the compressor units associated with the assembly machinery.

- Visual evidence of oil leakage from machinery above the glass basement area of the main assembly building was apparent on the northwestern wall of the glass basement (feature 80). A green liquid and staining was also observed in the southeastern portion of the glass basement (feature 80), which TCAP personnel indicated may be associated with leakage from machinery above the glass basement.
- Pooled oils were observed within the metal secondary containment pans where the compressors associated with the assembly machinery were located.
- The casing surrounding one of two hydraulic elevators (feature 66) in the main assembly building was observed to be leaking and hydraulic oil staining was apparent on the surrounding concrete floor surface.
- Several areas of minimal surface staining were observed throughout the main assembly building which have occurred through the years due to the assembly operations that have operated at TCAP since 1924.
- Staining and leakage was observed within the secondary containment unit for the sodium hydroxide AST (feature 128) located in the northeastern portion of the paint building. The formerly utilized sulfuric acid AST (feature 126) was observed next to the sodium hydroxide AST, which was observed to be degraded and heavily corroded. Due to the presence of standing liquid and corroded metal the integrity of the concrete containment unit could not be determined.
- Areas of leakage were observed beneath Stage 5 of the phosphate process (feature 130). The paint building is constructed with a concrete knee wall to act as secondary containment for the chemicals and process materials used and stored within the paint building. The majority of the paint building was clean and well kept.
- Several areas of minimal vehicle fluid staining were observed throughout the exterior portions of the TCAP property, due to the parking and storage of vehicles produced at the plant and also employee vehicles. Areas of minimal to moderate

staining were also noted in the southern parking lot areas that are used for delivery truck parking.

Refer to Section 4.14 for a summary of staining identified within the subsurface tunnels inspected by ARCADIS on May 2 through 7, 2007.

### **3.19 Summary of Existing Environmental Permits**

#### 3.19.1 Air

TCAP currently maintains a Title V air permit with the MPCA, Permit No. 12300039-001. The permit was issued on June 11, 2003 and will expire on June 11, 2008; however, all Title I Conditions do not expire.

The emissions from TCAP are mainly VOCs from the painting and sealing processes that include the paint booths and curing ovens utilized at TCAP. The emissions from the high VOC concentration areas such as the main enamel spray booth are treated in a carbon absorption and afterburner system. Lower concentration emissions are either treated in an afterburner or exhausted directly into the atmosphere and are governed by the permit. Afterburners were added in response to negotiations in the early 1990's with the MPCA and Ford Task Force dealing with odor concerns from the painting operations.

Other emission sources are from the boilers that burn natural gas with propane back up, the burners in the curing ovens, the application of windshield adhesives and sanding and welding operations. The permit includes a 934 ton per year and 4.1 tons per day VOC limit for all production painting sources. The VOC limit is based on a 1989 Risk Assessment and was first placed in the 1991 air emissions permit along with line speed production limits. A 1999 amendment to the permit removed the production limits from the 1991 permit and replaced them with a 12-month rolling sum VOC limit of 934 tons and a daily limit of 8,219 pounds per day, which are included in the current issued permit.

As required by the Title V air permit, semiannual deviation reports and quarterly deviation reports are to be submitted to the MPCA, outlining the deviations that occurred during equipment operation within the associated reporting timeframes. According to correspondence from Ford Motor Company to the MPCA in relation to the semiannual deviation reports covering the periods of January 1 through June 30, 2006 and July 1 through December 31, 2006, no instances had occurred in which the

volume-weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids was greater than the limit specified under 40 CFR Section 60.392. In addition, an Annual Compliance Certification Report is required to be submitted based on the requirements outlined in TCAP's Title V permit, which outlines the reports that are required to be submitted and ensures that they have been submitted as required by the Title V permit. This report was submitted to the U.S. EPA on January 25, 2007 for the January 1 through December 31, 2006 reporting period.

### 3.19.2 Wastewater/Sewer

An Industrial Wastewater Permit (Permit No. 0142) was issued on September 4, 1984 for TCAP by the MCES and was recently amended in January 2007 to include sampling for all categorical parameters regulated by 40 CFR 433, the Metal Finishing Point Source Category, which includes cadmium, chromium, copper, total cyanide, lead, nickel, silver and zinc. The current permit expires on October 31, 2008. Specific discharge limits are outlined for each sampling point, which are based on a combination of U.S. EPA Metal Finishing Category Pretreatment Standards for Existing Sources and total facility discharge Local Pretreatment Standards. In accordance with the issued permit, Ford Motor Company is required to submit quarterly reports within the reporting periods specified in the permit. Representative water samples are required to be collected at each sampling point (SP) and these samples are required to be collected once each reporting period on "normal" operating days. Three sample points have been identified in the permit for TCAP, which consist of the following:

- SP-01: Nine inch Parshall flume located downstream of the pretreatment facility, which represents the U.S. EPA categorical process discharge. In regards to the collection frequency, Chemical Oxygen Demand, total suspended solids (TSS), and metals analysis samples are required to be collected at a minimum frequency of once every half hour over the period of a normal operating day. For cyanide analysis, a series of four grab samples are required to be collected throughout the entire operating day.
- SP-02 and SP-03: East maintenance hold containing three inch Parshall flume and west maintenance hold containing effluent flow meter, respectively. In regards to the collection frequency, samples are required to be collected at a minimum frequency of once every half-hour over the period of a "normal" operating day.

The Industrial Waste Discharge Analysis for the Fourth Quarter of 2006 was submitted to the MCES on January 23, 2007. The period average and maximum



gallons per day was indicated as 400,000 gallons. TCAP has undergone a significant curtailment in operations since the last reporting period and production now occurs on one shift per day, which may alter water discharge volumes. The monitoring report concluded that all data collected during the reporting period was in compliance for the October through December 2006 reporting period. The next reporting period is January through March 2006 and was in the process of being completed.

Total Toxic Organics (TTOs) is a list of approximately 110 organic materials that have been identified by the U.S. EPA as toxic. Regulations require that facility wastewater discharges to municipal sewers comply with limits for specific metals and total toxic organics. In lieu of quarterly TTO sampling TCAP controls TTOs through the implementation of a TTO Management Plan (completed for TCAP in January 2006) and by certifying that concentrated TTO organics are not discharged into public sewers as permitted by the MCES. According to the TTO Management Plan, the TTO consumption in 2004 at TCAP was 2,428,264 pounds. Of this amount, benzene, ethylbenzene, naphthalene, and toluene in unleaded gasoline accounted for 91.5 percent of the TTOs utilized at TCAP. The unleaded gasoline is used to fuel vehicles prior to shipment. The remaining 8.5 percent of TTOs are minor ingredients used in paints, coatings, and cleaners.

Based on documentation reviewed, the MCES issued a notice of violation (NOV) (No. 4305) for an exceedance of lead per industrial discharge permit No. 0142 prior to October 1999. A subsequent NOV (4787) was issued by the MCES for TCAP on September 27, 2001 for exceedances of lead per the permit issued to TCAP. Samples were collected and analyzed by Ford to determine the origin of the exceedance. Based on a letter dated November 9, 2001, it was presumed that the exceedance of lead may have been a result of a sediment removal project which took place July through August of 2001. The sediment removal was performed voluntarily to remove any residual lead in TCAP's sanitary sewer effluent discharges, following the discontinuance of lead based E-coat in July 1998. Compliance was achieved in December 2001, based on analytical results. A NOV (4651) related to an exceedance in zinc was also issued by the MCES on February 5, 2001 for TCAP. Based on a letter submitted by Ford on February 16, 2001, the zinc exceedance was attributed to floc carry over from the batch process tank into the flash mix tank at the wastewater treatment plant. Compliance was achieved in March 2001, based on analytical results.

The sanitary wastewater generated at TCAP is discharged to the St. Paul sewage system to be treated at the St. Paul sewage treatment plant. According to TCAP

personnel interviewed, prior to connection to city sewer services sanitary wastes were disposed of into the Mississippi River. However, a representative with the City of St. Paul Department of Public Works indicated that city sanitary sewer lines were installed along Mississippi River Boulevard in approximately 1936; therefore, TCAP may have been connected to city sewer services as early as 1936.

### 3.19.3 Storm Water

The MPCA issued an original NPDES storm water permit for TCAP in October 1993. The existing NPDES storm water permit (MN 0002178) for TCAP was issued on October 1, 2006 and expires on September 30, 2011. The discharges authorized by the permit include drinking water, river water utilized in leak testing, fire suppression test waters, groundwater accumulation into sumps and manholes and accumulated storm water.

There are three surface water discharge points, two of which are regulated under the issued NPDES permit:

- Outfall 001 (feature 15) collects storm water from the east plant areas, including the paint building, new production vehicle parking lot and railroad tracks. Leak testing water, fire suppression test waters and drinking water also discharge to this outfall. This outfall discharges into the Mississippi River near Hidden Falls.
- Outfall 002 (feature 14) collects storm water from the west plant areas, including the assembly building and warehouse, groundwater infiltration and drinking water from drinking fountains. This outfall discharges into the Mississippi River immediately west of the steam plant.
- A third storm water outfall collects precipitation from employee parking lot areas. This outfall is exempt from NPDES permit coverage and therefore is not regulated by the issued permit.

Flow volumes from the outfalls vary in accordance with precipitation and snow melt rates. Historically, discharges from Outfall 001 averages 600,000 gallons per day with a peak flow of 6,271,000 gallons per day. Discharges from Outfall 002 average 150,000 gallons per day with a peak flow of 9,613,000 gallons per day.

Monitoring requirements and discharge limits are outlined in the issued permit for TCAP. Monthly Discharge Monitoring Reports (DMRs) are required to be submitted to

the MPCA by the 21st of each month and Outfall 001 and 002 are to be sampled quarterly for calendar quarter average flow, calendar quarter total flow, daily maximum flow, calendar quarter average total recoverable oil and grease, calendar quarter maximum total recoverable oil and grease and calendar quarter maximum and minimum pH as outlined in the permit. The discharge limitations for calendar quarter average for total recoverable oil and grease is 10.0 milligrams per liter (mg/L), calendar quarter maximum is 15.0 mg/L, the quarterly maximum pH is 9 and the minimum pH is 6. In addition, a Storm Water Annual Report is required to be submitted by March 31<sup>st</sup> of each year.

In accordance with the issued storm water permit, inspections of structural controls must occur every two months during non-frozen conditions with at least one inspection each year conducted while storm water is being discharged from TCAP. Under a Best Management Practices (BMP) program maintained by TCAP, the entire structural control system is inspected bi-monthly by the various area managers and observations are documented.

The permit also required TCAP to develop and maintain a SWPPP in order to comply with U.S. EPA's NPDES program. A SWPPP was developed for TCAP and was last updated in May 2000. As part of the permit requirements the SWPPP should be amended whenever there is a change in the design or construction of the facility, a change in the operating procedures at the facility, or a change in the scheduled maintenance that may impact the potential for pollutants to be discharged. It appears that the SWPPP currently in place is adequate for the current chemical storage and operations at TCAP; however based on lower production volumes and change in service of ASTs the plan may want to be re-evaluated to ensure proper coverage.

#### 3.19.4 Hazardous Waste

TCAP is considered a large quantity RCRA generator of hazardous waste and has been assigned an U.S. EPA ID Number of MND006207773. A letter was submitted by Ford to the Ramsey County Department of Public Health on January 24, 2007 pertaining to TCAP's 2006 hazardous waste generator report and license renewal application form for 2006. Ford has paid the required fee for the license and has complied with all of the requirements of the Ramsey County Ordinances necessary for obtaining the license.

According to file documentation obtained from the U.S. EPA, TCAP formerly held a transfer, storage and disposal (TSD) permit for hazardous waste in the early 1980's.

However, based on correspondence between the EPA and Ford Motor Company it was determined that since TCAP does not maintain hazardous wastes on-site for more than 90-days the permit was not necessary and thus was not required by the U.S. EPA. Several RCRA inspection reports were also contained in the U.S. EPA file documentation obtained.

Hazardous waste materials are stored within several satellite storage areas (feature 82) within the main assembly building and the paint building (feature 116) and are transferred to the hazardous waste storage building (feature 34), south of the paint building, by a licensed hazardous waste handler. The hazardous waste stored within the building is stored there for no longer than 90-days and is transported off-site by a licensed industrial waste hauler for appropriate disposal. In addition, three other 90-day hazardous waste storage areas are present at TCAP, which consist of two hazardous waste solvent USTs (feature 35) located west of the hazardous waste storage building and one gondola containing hazardous waste metal hydroxide sludge (feature 132) situated in the eastern portion of the wastewater treatment plant.

During the site inspection all containers stored within the hazardous waste storage building were organized, labeled and sealed. The hazardous waste storage building provides secondary containment for the materials stored through concrete containment walls, concrete flooring and a downgradient sloped entrance into the containment area. An inspection of solid and hazardous waste storage areas was completed by Ramsey County Department of Public Health representatives on February 7, 2007 during which several minor deficiencies were identified that were corrected by TCAP personnel the same day.

RCRA hazardous waste codes and associated waste quantity was reported in the EDR Report ordered for TCAP as well as documentation maintained by TCAP. Based on the 2003 and 2005 biennial report maintained at TCAP the following wastes were generated and reported. In addition, F001 (chlorinated hydrocarbons) wastes were indicated on documentation to have been generated at TCAP.

**2003 Biennial Reporting**

<b>Waste Code</b>	<b>Quantity</b>
D001 (purge solvent)	947840 gallons
F019 (wastewater treatment sludge)	352980 pounds
D001, F003, F005, D035 (windshield primer)	330 gallons
D001 (cleaning solvent)	1500 gallons



**Environmental Audit Report  
Privileged Document**

**Phase I Environmental  
Site Assessment**

Twin Cities Assembly Plant  
(TCAP)  
966 South Mississippi  
River Boulevard  
St. Paul, Minnesota

<b>Waste Code</b>	<b>Quantity</b>
D001, D018 (gasoline fill line)	55 gallons
D001, F003, F005 (rags, paint filters and cups)	9020 pounds

**2005 Biennial Reporting**

<b>Waste Code</b>	<b>Quantity</b>
D001, F003, F005 (rags, paint filters and cups)	18600 pounds
D001, D035 (purge solvent)	374969 gallons
D001, D035, F003, F005 (windshield primer)	7600 gallons
F019 (wastewater treatment sludge)	290360 pounds
D001 (cleaning solvent)	300705 gallons
D002 (one time disposal of unwanted cleaning solution)	150 gallons
D001 (one time disposal of a pesticide mixed with flammables)	100 gallons
D008 (one time disposal of lead materials from a paint refurbishment project in body shop)	150 pounds

The EDR Report indicated that violations currently exist for TCAP pertaining to its RCRA large quantity generator status. The EDR reported 32 recorded violations for TCAP, which occurred from 1986 through 2003. Monetary penalties were assessed to TCAP in 1991, 1994 and 2003 for recorded violations. It appears, from information provided in the EDR Report, that several of the violations pertaining to Generator Air Emissions Subpart AA, BB, CC, Generator Pre-Transport Requirements and Generator General Requirements have not achieved compliance. Certain alleged violations of 40 C.F.R. Part 265, Subparts BB and J of the Resource Conservation and Recovery Act were resolved through a consent order and final order dated February 6, 2003. The consent order imposes certain ongoing inspection, equipment marking, and recordkeeping requirements that will continue to apply until such time as the facility no longer generates hazardous wastes in its painting operations subject to these subparts. TCAP personnel stated that all outstanding RCRA violations had been resolved.

According to documentation reviewed, a NOV with regards to Minnesota's Hazardous Waste Rules was issued for TCAP in 1992. Following correspondence and legal actions, a stipulation agreement was entered by Ford Motor Company and the MPCA.

Based on a letter dated October 11, 1994, the stipulation agreement was terminated as a result of payment of the assessed civil penalty of \$146,100 by Ford Motor Company.

Historically, prior to the construction of the hazardous waste storage building (feature 34) in 1985, three former hazardous waste storage areas were identified to have been utilized at TCAP. One of the storage areas (feature 8) was located south of the current paint building near the railroad tracks, the second storage area was located near the Packer building (feature 10) and the third storage area was located in the east-central portion of the main assembly building (feature 49).

### 3.19.5 Community Right-to-Know

Tier II inventory reports were reviewed for years 1987 through 2005 as well as Tier II information contained within the EDR Report ordered for TCAP. The following table summarizes the chemicals that were reported in 2004 and 2005. Reports for 2006 were in the process of being completed and, therefore, were not available at the time of the site visit.

<b>Chemical Name</b>	<b>CAS #</b>
Unleaded Gasoline	8006-61-9
Body/Windshield Sealers	9002-86-2
Industrial Oven Cleaners	122-99-6
Propane (LPG)	74-98-6
Base Component Paint Detackifier	10043-01-3
Sodium Hydroxide	1310-73-2
Ferric Chloride Solution	7705080
Sulfuric Acid	7664-93-9
Diesel Fuel	68334-30-5
2010 Bonderite Replenisher and Make-Up	13598-37-3
High Solids Enamel Paint	71-36-3
Paint Solvents, No5 - Xylene	1330-20-7
Body Surface Cleaners	112-34-5
Windshield Washer Concentrate	67-56-1
Phosphate Additives	7789-29-9
Power Steering Fluid	64741-88-4
Body Surface Sealers	471-34-1
Electrocoat Paint Resin	7786814

<b>Chemical Name</b>	<b>CAS #</b>
Electrocoat Paint Pigment	818-08-6
Hydrofluorocarbon 134A	811-97-2
Ethylene Glycol (Premium Cooling System Fluid)	107211
Brake Fluid	110-85-0

According to documentation maintained at TCAP, the following SARA Title 313 chemicals utilized at TCAP prior to 2003 and during 2004.

<b>Chemical Name</b>	<b>CAS #</b>
1,2,4-trimethylbenzene	95-63-6
Benzene	71-43-2
Benzo(g,h,i)perylene	191-24-2
Certain glycol ethers	N230
Cyclohexane	110-82-7
Ethylbenzene	100-41-4
Ethylene glycol	107-21-1
Lead	7439-92-1
Methanol	67-56-1
Methyl ethyl ketone	78-93-3
Methyl isobutyl ketone	108-10-1
N-butyl alcohol	71-36-3
Nitrate compounds	N511
Polycyclic aromatic compounds	N590
Sodium nitrate	7632-00-0
Toluene	108-88-3
Xylene (mixed isomers)	1330-20-7
Zinc compounds	N982

### 3.20 Spills and Releases

In general, the buildings and chemical storage areas associated with the vehicle assembly operations currently occurring at TCAP were well maintained, as observed during site reconnaissance. It was apparent that good housekeeping practices were

being maintained at TCAP, based on the type of operation. However, several areas of staining and leakage were observed in various sections of TCAP that were visually inspected. Refer to Section 3.18 for a summary of the areas in where staining and leakage were visually observed.

Below is a list of spill and release events that have occurred and have been recorded for TCAP (refer to Table 2 and Figures 3A through 3E). The spill and release events that are considered RECs are outlined in Table 1A. Information pertaining to the following spill and release events was obtained from the EDR ordered for TCAP, documentation available through Ford and information obtained from federal, state, county and local research:

- Based on records maintained at TCAP, a spill of approximately one quart of PCB-containing electrical fluid occurred on November 30, 1983. The spill was cleaned and tested and was of a de minimis quantity. An MPCA representative inspected the area in which the spill occurred and requested that the adjacent diked area be cleaned and tested. The area was cleaned and tested per the request of the MPCA and was deemed to have been adequately cleaned within acceptable MPCA limits. The spill apparently occurred in the wastewater treatment plant (feature 136).
- According to documentation maintained at the U.S. EPA, a solvent fire (feature 106, Figure 3B) occurred at TCAP on November 8, 1984. A drum of waste paint solvent in the hazardous barrel storage area had developed a slow leak and was sitting a small pool of solvent. A maintenance employee was cutting steel approximately 60 to 80 feet from the barrel storage area, when a spark from his torch ignited the spilled solvent. A total of 80 gallons of solvent from two drums was consumed by the fire before it could be extinguished. Approximately 30 gallons of solvents were recovered from the two drums that ignited. The recovered solvent and ash were transferred to a new drum and was to be manifested, shipped and disposed of as hazardous waste. Documentation pertaining to sampling following cleanup activities was not found through research activities.
- According to spill records maintained at the City of St. Paul Fire Department, a release of gasoline occurred on June 11, 1984 from a relocated pipe associated with the USTs utilized to fill vehicles on the assembly line. Gasoline was found to be coming from the ground. Approximately 50 gallons had leaked into the street and sand was brought in to contain the spillage. A vacuum truck arrived at



the incident and cleaned the area of spillage. A small amount of gasoline entered the storm drain near the release. The location of this spill incident was not indicated in the documentation reviewed, but may relate to the former gasoline USTs (feature 2).

- According to documentation maintained at the MPCA, three separate spill events occurred in July, August and September of 1989 at the Hidden Falls storm drain Outfall 001 (feature 15). The July 1989 spill incident involved a release of a gray colored material and the August and September incidents appeared to be a release of a water/solvent mixture. During a meeting with MPCA representatives, Ford Motor Company indicated that the suspected source of the spill was most likely a catch basin around four USTs (feature 36) containing solvents. Samples were taken from the outfall area by MPCA representatives, which revealed the presence of MIBK and other solvents. It appeared that the spills had occurred during feeder line disconnections. Ford agreed to complete the requirements to define the extent of contamination surrounding the waste solvent tanks and proposed remediation addressed in the RFRA issued by the MPCA in June 1990. A monetary penalty of \$52,370.00 was required to be paid by Ford due to the spill incidents. The two spill events of a release of solvent/water mixture relate to the release identified from the former solvent UST area summarized in Section 2.5. A cause of the release of the gray colored material, apparently paint sludge was not indicated in the documentation reviewed. It appears that additional sampling was not completed at Outfall 001 to ensure that the three spills did not impact the surface or subsurface soils or surface or subsurface water in the area of the outfall, based on available documentation reviewed.
- According to the LUST database, a release of fuel oil 4 and 6 (leak ID 3262) was reported on September 20, 1990. The release was identified during the in-place closure of a 26,500 gallon fuel oil UST (feature 41, Figure 3E) located south of the steam plant. The database indicated that contaminated soils do not remain following the cleanup actions. Groundwater was contaminated and the cleanup goal was achieved. The release received closure on December 16, 1994. A closure letter was submitted by the MPCA to Ford Motor Company on December 16, 1994, which indicated that the MPCA determined that the investigation conducted has adequately addressed the release. Refer to Section 2.5 for a summary of subsurface investigation activities completed.

- According to the Minnesota Spills database, a spill of approximately 100 gallons of heavy fuel oil occurred on December 23, 1990. The spill closure date for the incident was recorded as January 1, 1996. The location of the spill was not reported in the documentation reviewed.
- According to the Minnesota Spills database, a spill of one gallon (de minimis quantity) of PCBs occurred on March 26, 1991. The spill closure date for the incident was recorded at January 1, 1996. Based on additional information pertaining to this spill maintained at TCAP, the leak occurred in the steam plant and was actually discovered on March 27, 1991. It was indicated that approximately one to one and a half gallons of PCB transformer fluid had collected at the bottom of the transformer in the containment dike. Access to the area was closed off and Dynex was on-site to remove the PCB material and clean the floor surface. The floor in the area of the spill was triple washed by Dynex, parts on the transformer were replaced and swab testing was completed by Dynex on March 29, 1991. Based on sampling and general access to the transformer, Dynex reported that the area was sufficiently cleaned. However, it was indicated that PCB fluids may still be present beneath the transformer as this area could not be reached for cleaning.
- According to spill reports maintained at the City of St. Paul Fire Department, a spill occurred on June 10, 1991, when a saddle tank was punctured. The spill was responded to by Ford Motor Company Environmental Engineering Division. The report did not indicate the location of the spill or the substance that was spilled.
- Based on records maintained at TCAP, a wet spot was discovered on the floor beneath the PCB filter on transformer 10-A on December 17, 1991. Maintenance coordinated with Dynex to clean the wet spot. Dynex arrived at 2:00 pm and completed cleanup at 3:30 pm. The cause of the spill was unknown.
- According to the LUST database, a release of Fuel Oil 1 and 2 (Leak 5343) was reported on June 22, 1992 associated with the removal of the former Convoy UST (feature 3). The database indicated that contaminated soils remain on-site and 150 yards of impacted soil was removed from the area. A remedial investigation was conducted to define the extent of the contamination, which determined that the extent and magnitude of the contamination was limited.

Groundwater was not impacted by the release and the release received closure on September 9, 1992.

- According to the Minnesota Spills database and documentation maintained at the MPCA, a spill of approximately 10 gallons (de minimis quantity) of transmission fluid was reported on February 26, 1992. The incident occurred in the eastern parking lot behind the paint building near Lund's Supermarket. The transmission fluid leaked from new automatic transmissions prior to being installed into new light duty trucks. It was determined that the plastic plug which is used to seal the transmission during transport to TCAP failed and released the fluid. Apparently extreme cold caused contraction of the engine blocks resulting in a failure of the plugs. The release was contained and cleaned by removing the snow and ice that had collected the spill. The area was also cleaned with industrial scrubbers, from which the wastewater generated was discharged into an oil/water separator inside the plant building. The spill closure date for the incident was recorded as January 1, 1996.
- According to the LUST database, a release of gasoline leak 6373 was reported on June 2, 1993. The database indicated that contaminated soils remain on-site and that groundwater contamination had not occurred from the release. The release was identified during the removal of two 20,000 gallon gasoline USTs and two 10,000 gallon diesel fuel USTs (feature 2, Figure 3A). Apparently, the release was attributed to overfilling of the USTs. Approximately 209.74 tons of impacted soils were removed from the tank basin and thermally treated at CleanSoils, Inc, which was approved by the MPCA as a soil corrective action plan. Tank piping leading to the assembly plant was also removed following removal of the USTs. Soil samples were collected from the base and sidewalls of the excavation. Laboratory results indicated remaining soil concentrations did not exceed MPCA Action Levels. The release received closure on April 21, 1994. A closure letter was submitted by the MPCA to Ford Motor Company on April 21, 1994, which indicated that the MPCA determined that the investigation conducted has adequately addressed the release. Refer to Section 2.5 for additional information pertaining to this release.
- Based on records maintained at TCAP, a release of glycol occurred on September 26, 1995. It was estimated that less than two gallons (de minimis quantity) of ethylene glycol was released in the vicinity of the maintenance area that was no longer in use in the main assembly building. The release was

apparently caused as a result of a pinhole in a supply line. All remaining liquid was evacuated from the supply line and blanked off to prevent future leakage.

- According to files maintained at TCAP, a glycol leak (feature 21) occurred from an underground pipe along the eastern portion of the main assembly building in 1996. An area of soil was contaminated and apparently remediation activities were conducted in the area. Documentation relating to cleanup and sampling activities was not found through research activities.
- According to the LUST database, a release of gasoline (leak 10700) was reported on June 30, 1997. On July 1, 1997, during soil boring completion a gasoline odor was detected during the construction of the training center near the northeastern portion of the main assembly building. The gasoline was believed to be from the piping (feature 5) left in place after gasoline and diesel fuel USTs (feature 2) were removed from the area in 1993. The MPCA was notified and Ford Motor Company requested a Voluntary Response Action from the MPCA. A Response Action Plan was submitted to the MPCA in February 1998. During the corrective actions completed in the impacted area contaminated soils were encountered and 3,078 cubic yards of impacted soil (feature 4) was removed. Groundwater was indicated as being impacted from the release. The release received closure on February 27, 1998. A closure letter was submitted by the MPCA to Ford Motor Company on February 27, 1998, which indicated that the MPCA determined that the investigation conducted has adequately addressed the release. Additional correspondence between Ford Motor Company and the MPCA indicated that the release was reopened due to a second release from the area being reported in 2005. A water pipe was unearthed in the parking lot and a fuel vapor was discovered. It was unable to be determined if the vapors were a result of a recent spill or were from the former UST removal (feature 2). It was estimated that approximately 20 gallons of diesel fuel was released. This spill event and the leak event received closure from the MPCA on December 20, 2005 and September 22, 2005, respectively. This release relates to the activities discussed in Section 2.5 relating to the training center.
- On July 16, 1998, a 55-gallon drum of Purge Thinner was punctured by a forklift during unloading operations. Approximately 25 gallons (de minimis quantity) was released. It was determined that no material left the area by air monitoring and inspection at a storm water outfall. Spillage was trapped in the storm sewer by sand during a period of low flow. All of the sand and spilled material was

recovered and properly disposed. The location of this spill was not indicated in the available documentation reviewed.

- On May 20, 1999, a broken cooling tower line released 200 gallons of ethylene glycol/water mixture into the steam plant basement. Approximately 10 gallons of the mixture was released into the storm sewer. A Minnesota Duty Officer, National Response Center (NRC), and Minnesota Emergency Response Commission were notified. Containment of the spill was initiated and cleanup of the remaining material was completed. Mr. Craig Shaffer with the Minnesota Emergency Response Center indicated that impact to the Mississippi River was minimal. He also indicated that since ethylene glycol is soluble in water, it would be impossible to remove any of the spilled material. Due to the small volume of diluted material and solubility, no further action was deemed necessary.
- On July 12, 1999, a spill of approximately 30 gallons (de minimis quantity) of spent parts washer fluid occurred. A forklift driver assumed the drum to be empty and loaded into the scrap metal trailer. About 30 minutes later the spilled material flowed out of the back of the trailer on began to pool along the curb and road when it was discovered. Approximately 10 gallons flowed out from the trailer and covered an approximate 10 foot by 20 foot area. A drain blocker was immediately placed over a storm sewer located approximately 20 yards south of the spill site. Spill containment socks were placed around the perimeter of the spill and a 30 gallon drum was placed under the trailer door to catch the material as it spilled from the trailer. Pads were then placed inside the contained area and the spill was adsorbed. All waste materials generated by the spill response were handled as hazardous waste. None of the spilled material was indicated as reaching the storm sewer or soil.
- A spill of approximately 75 gallons (de minimis quantity) of E-coat was reported on June 5, 2000. The spill occurred in the paint building mixing room. The water supply valve was left open in a mixing tank, which caused an overflow that was contained in the mixing room. Valve was shut and spill was promptly cleaned up and disposed of as hazardous waste. The spill was completely contained within the building.
- According to file documentation maintained at TCAP, a glycol spill was reported on May 27, 2003. It was estimated that 1,000 gallons of 50 percent water and 50 percent ethylene glycol leaked from pumps associated with the boiler system into a nearby floor drain. The floor drain was indicated as discharging into the

wastewater treatment plant and then into the sanitary sewer system. Immediate action was taken to control the spill by repairing the leak and cleaning up the remaining spillage. In addition, it was noted that measures are planned to be taken to reduce the potential of a spill in the future by switching from ethylene to propylene glycol and by plugging the floor drain in the area.

- According to the LUST database, a release of fuel oil 1 and 2 (leak 12247) was reported on an unknown date. The release apparently occurred from an AST and UST, which impacted soil. According to an individual with CRA based on a file review they had completed, the release related to tracking of an AST Major Facility Permit review for TCAP by the MPCA. A closure letter was submitted by the MPCA to Ford Motor Company on February 5, 2004, which indicated that the MPCA determined that the investigation conducted had adequately addressed the release. Additional information pertaining to this release or leak tracking number was not found through research activities.

### **3.21 Site Specific Features**

Three baseball diamonds and a structure housing restrooms are present in the southeastern portion of the property owned by Ford Motor Company and are included as part of the assessment for TCAP. The baseball fields appeared to be well kept and in good order with no signs of staining or other visual indications of environmental concerns.

Additional site specific subsurface features include the presence of a formerly utilized traffic tunnel which extends from the central portion of the main assembly building out to the Mississippi River. An elevator is located in this area of the main assembly building for lowering completed vehicles into the tunnel for shipment via barge. In addition, a tunnel to the oil house (current vehicle fluid bulk storage area [feature 52]) is present that runs from the central portion of the main assembly building to the oil house. A spring bending pit and glass basement (formerly used to house molten glass) are present in the general northeast portion of the main assembly building and a steam tunnel runs through the main assembly building from the steam plant to a formerly utilized coal hopper building (feature 47), located along the east-central portion of the main assembly building. Furthermore, an array of sand tunnels are situated several hundred feet below the main assembly and paint buildings, which were formerly mined to manufacture glass for windshields in automobiles. The sand tunnels are scheduled to be inspected the week of April 30<sup>th</sup>, 2007.

### 3.22 Surrounding Properties

TCAP is generally located in an area of mixed commercial/residential use. During site reconnaissance activities completed on March 14 through 16, 2007, current surrounding properties were observed and recorded (refer to Appendix C for photographs of adjoining and surrounding properties).

The current adjoining and surrounding properties include:

- North: Residential properties, Liquor Village (a convenience store), Petco (pet food and supplies), Firestone (tire repair and sales), a dentist office, Bakers Square (restaurant), Haskill's Wine and Spirits, Ray Bush Union Hall, Tires Plus (former Amoco Service Station), TFC Bank and Fairview Medical Center and associated parking.
- Northeast: Marathon Gas Station, Party America (cards and party favors), Snyders Drug Store and residential properties.
- East: Lund's (grocery store), two strip malls (1 – GNC, Cost Cutters, Sincerely Ours, Bruegger's Bagels, The UPS Store, Caribou Coffee, Cingular Wireless, Proex Photo and Print; 2 – Noodles & Co., T-Mobile, Fitness Together, Trade Secret, Vision World, Weight Watchers, Old Country Buffet, Quilters Courtyard), Highland Bank, Chipotle, Barnes and Noble, Starbucks Coffee, Highland Village Apartments, a senior citizens apartment complex and residential homes.
- South: Railroad tracks, residential homes, South Mississippi Boulevard, vacant wooded land and Mississippi River.
- West: Mississippi River, commercial properties, residential homes and wooded vacant land.

Based on ARCADIS' observations, several residences are located in close proximity to TCAP to the north, east and south. No visual evidence of environmental concerns were observed on the surrounding properties. Information pertaining to properties in the immediate vicinity of TCAP was obtained through electronic searches of publicly available governmental databases (refer to Section 5.1).



**Environmental Audit Report**  
**Privileged Document**

**Phase I Environmental**  
**Site Assessment**

Twin Cities Assembly Plant  
(TCAP)  
966 South Mississippi  
River Boulevard  
St. Paul, Minnesota

Information regarding past uses of adjoining and surrounding properties was drawn from historical aerial photographs, topographic maps, City Directories and other sources referenced in this report by ARCADIS.

A summary of the past uses of adjoining properties is presented below:

- North: The surrounding properties have historically consisted of commercial and residential use from at least 1937 until the present time.
- East: In 1937 the surrounding property to the east of TCAP was generally vacant undeveloped land. Beginning in 1940 residential and commercial development was apparent to the east of TCAP and by approximately 1974 the area had been occupied by most of the current buildings and properties identified to the east of TCAP.
- South: South Mississippi River Boulevard and vacant undeveloped land existed to the south of TCAP from approximately 1937 until approximately 1953 when residential and commercial development is apparent. From 1953 until presently the surrounding properties have consisted of vacant undeveloped land along the Mississippi River and commercial and residential properties to the south of TCAP.
- West: Commercial properties and vacant wooded land existed to the west of TCAP, beyond the Mississippi River, from at least 1937 until approximately 1957 when residential development is apparent.

No historical evidence of historical chemical storage, potential disposal areas or unusual features were identified on the surrounding properties to the north, east, south and west of TCAP.



#### **4. Summary of Property Development and Operations**

##### **4.1 Historical Summary**

Based on historical sources reviewed, the property on which TCAP resides was vacant undeveloped land along the Mississippi River until construction of TCAP began in 1923. TCAP was constructed to house the complete assembly of passenger automobiles. The first Model T cars and Model T trucks came off the assembly line on May 4, 1925. In 1926, TCAP began production of 40,000 square feet of glass per day. The silica sand used in the glass production process was mined from three miles of sand tunnels located 100 feet below TCAP. Passenger car and truck production continued until 1933 when TCAP was shut down for two years due to the Great Depression. Production of passenger vehicles re-started in 1935 and continued until March 1942, when TCAP was converted to World War II defense work. During this time TCAP produced armored vehicles and aircraft engine components until November 1945 when passenger automobile assembly was resumed. According to documentation reviewed, a former test track (feature 1) was constructed in the eastern portion of TCAP property in 1942 for testing of products produced for World War II. Documentation and interviews with TCAP personnel confirmed that oil was utilized as dust control on the former test track. In addition, a historical photograph indicated that a government ordinance contract (W-374-ORD-1744) was maintained during the assembly of armored vehicles at TCAP. According to interviews with TCAP personnel nickel plating (feature 103) was completed in the northwestern portion of the main assembly building during an unknown timeframe. In 1959, glass manufacturing operations were discontinued. Car and truck assembly continued together until 1978 when TCAP was converted to an all-truck assembly operation (F-series only).

Between 1960 and 1978, an excess of 300,000 square feet was added to the main assembly building, which permitted a completely new and larger final assembly line to be constructed, and provided on-site warehousing space. In the fall of 1978, a second production shift was added, doubling both production output and the plant's employment. In January 1985, the paint building was placed into operation, incorporating the first dip phosphate system in an assembly plant. Three new glass-walled spray booths housed a combination of manual and robotic spray stations where enamel color changes are automatically controlled. The paint building was joined to the main assembly building by a 625-foot bridge containing delivery conveyors that transport the bare metal units from body to paint and painted units from paint to trim in the main assembly building. Prior to the construction of the paint building in 1985, the painting operations (feature 104) occurred in the northeastern portion of the main

assembly building. The former paint kitchen was located north of the oil house and three Dell-Park pits (feature 100) were utilized for collection of paint waste sludge. Based on documentation reviewed, it is unknown as to if these three pits were properly cleaned and abandoned.

On August 17, 1990, TCAP successfully passed requirements to become the first assembly plant in North America to achieve Q1 status, Ford Motor Company's most coveted quality recognition reward. On September 14, 1992, TCAP began operations as an all Ranger truck plant following a three month conversion shut down. From 1992 until the present time TCAP remains an all Ranger assembly plant.

#### **4.2 Chain of Title**

Ford Land retained Land America Commonwealth to complete a chain of title search for TCAP. The chain of title provides information on the previous ownership of the parcels prior to Ford's acquisition in 1923.

According to the summary letter provided by Land America Commonwealth, dated May 8, 2006, public records maintained at the Ramsey County Registrar and Recorded were searched providing the names of all parties in the chain of title for the last 100 years that have owned the property on which TCAP resides. Refer to Appendix D for a copy of the summary letter. It should be noted that the summary letter includes three parcels, however, one of the parcels is associated with the hydroelectric plant property, which was not included in this assessment.

Based on a review of the chain of title letter, it appears the property on which TCAP resides was owned by several individuals during the timeframe of 1906 through 1922. Merchants Trust and Savings Bank was listed as the owner of the property in 1922 and Ford Motor Company was listed as the owner in 1923, which is consistent with the historical development of TCAP.

#### **4.3 Environmental Liens and Deed Restrictions**

ARCADIS requested an environmental liens search for TCAP through EDR. Based on the environmental liens search completed by EDR, no environmental liens pertaining to parcel numbers 172823130002 (the assembly plant) and 172823240002 (the steam plant and wastewater treatment plant) were found. In addition, based on the EDR liens report, no other activity and use limitations were found to be related to the parcel

numbers as indicated above, which were provided by Ford Motor Company for completion of the liens search (refer to Appendix E).

ARCADIS also searched documentation maintained at TCAP, Ford records offices and local, county and state sources for the presence of environmental liens relevant to TCAP. The EDR report does not list TCAP on the National Priorities List (NPL) or federal or state Brownfields databases. However, TCAP is listed on the State Hazardous Waste Site and Minnesota Delisted Permanent List of Priorities databases which relates to the presence of three historical waste disposal sites located at TCAP. The three disposal sites are referenced as Areas A, B and C and are summarized in more detail in Sections 2.5.

Based on the review of records made available to ARCADIS, there is no documentation that TCAP has received notification from a government agency or third party of liability as a potential responsible party for any hazardous waste treatment, storage, or disposal on-site, with the exception of the three identified historical disposal areas. Furthermore, there is no available documentation indicting that TCAP has defended any environmental-related claims or litigation asserted by any governmental agency or third party, or indicating that potential claims or litigation presently exist, with the exception of violations recorded pertaining to use and storage of RCRA wastes.

TCAP personnel indicated that to the best of their knowledge no environmental liens, land use limitations or engineering controls have been filed or recorded for the subject property in a registry under federal, tribal, state or local law.

#### **4.4 Sanborn© Fire Insurance Maps**

Sanborn Fire Insurance Map coverage for TCAP and surrounding areas is not available (refer to Appendix F).

#### **4.5 Aerial Photograph Review**

Historical aerial photographs were ordered from EDR for TCAP and the surrounding area. The historical aerial photographs provided through EDR consisted of 1937, 1940, 1957, 1974, 1987 and 1997 aerial photographs. ARCADIS also obtained historical aerial photographs from the Ramsey County GIS Department, which consisted of 1940, 1953, 1974, 1985 and 2006 aerial photographs. In addition, a 1991 aerial photograph was obtained from TerraServer and a recent aerial photograph was obtained from

Google Earth. Aerial photographs are provided in Appendix G. A general description of each available aerial photograph is provided below.

#### 4.5.1 1937 Aerial Photograph

A large rectangular structure is located in the western portion of the TCAP property, which is a portion of the current main assembly building. Railroad spurs (feature 12) are apparent in the southern and central portions of the TCAP property. A parking area is located near the northeast corner of the main assembly building and several small structures are located along the eastern portion of the main assembly building. A square structure is apparent in the western portion of the TCAP property, which is in the location of the current steam plant. In addition, a rectangular shaped building adjoins the southeast corner of the steam plant. A bridge appears to extend from the steam plant to the main assembly building, which houses the steam lines as observed during site reconnaissance activities. An area of land disturbance is apparent in the south-central portion of the TCAP property, possibly related to a potential disposal area (historical disposal area B, refer to Section 2.5) or an area of construction activities. The remaining portions of the TCAP property consist of either vacant undeveloped land or wooded undeveloped land.

#### 4.5.2 1940 Aerial Photograph

The features identified on the TCAP property are similar to the features previously identified on the 1937 aerial photograph.

#### 4.5.3 1953 Aerial Photograph

A parking area is now apparent near the northwest corner of the main assembly building and the parking lot area previously identified near the northeast corner of the main assembly building has been expanded. In addition, a test track (feature 1) has been constructed in the eastern portion of the TCAP property, with several apparent agricultural fields within the test track. The area of land disturbance is less noticeable near the southeastern portion of the main assembly building. The southwestern and southeastern portions of the TCAP property remain wooded undeveloped land. Two large aboveground storage tanks (feature 42) are located to the southeast of the steam plant in the western portion of the TCAP property.

#### 4.5.4 1957 Aerial Photograph

The features identified on the TCAP property remain similar to previous aerial photographs; however, additional equipment storage or several small buildings are apparent along the southern portion of the main assembly building and an area of land disturbance is evident southeast of the steam plant, which may indicate a potential waste disposal area (historical disposal Area C, refer to Section 2.5). In addition, a baseball diamond is apparent in the southeastern corner of the TCAP property.

#### 4.5.5 1974 Aerial Photograph

An L-shaped addition has been constructed along the western and southern portions of the original main assembly building, a small rectangular building has been constructed near the southeastern portion of the main assembly building (current frame building) and a square shaped structure has been constructed in the southern portion of the TCAP property (current warehouse building). Additional parking lots are located north of the main assembly building and east of the main assembly building in the former location of the test track previously identified. Two additional baseball diamonds are apparent in the southeastern portion of the TCAP property. A large area of disturbed vegetation and soil is apparent south of the steam plant (Area C). The structure that adjoined the southeast corner of the steam plant is no longer present. Additional outbuildings have been constructed to the east of the main assembly building.

#### 4.5.6 1985 Aerial Photograph

A rectangular structure is now present in the eastern portion of the TCAP property, which is the paint building. In addition, an overhead tunnel is present in the central portion of the TCAP property, which connects the main assembly building and the paint building. Furthermore, the fan farm and hazardous waste storage building have been constructed to the west and south of the paint building. Additional parking is apparent east of the paint building and the area of land disturbance identified south of the steam plant has extended almost to the Mississippi River to the west. The wastewater treatment plant has been constructed to the north of the steam plant and an addition has been constructed along the northern portion of the warehouse building.

#### 4.5.7 1987 Aerial Photograph

Features are similar to the previous aerial photographs reviewed; however, a portion of the area of land disturbance south of the steam plant appears to be utilized for parking.

Three mounded areas are apparent in the southern portion of the area of land disturbance.

#### 4.5.8 1991 Aerial Photograph

Features are similar to the previous aerial photographs reviewed; however, an addition to the northeast portion of the warehouse building has been completed.

#### 4.5.9 1997 Aerial Photograph

Features are similar to the previous aerial photographs reviewed; however, additional parking is apparent in the previously identified area of the land disturbance and appears to have been paved.

#### 4.5.10 2006 Aerial Photograph

Features are similar to the previous aerial photographs reviewed; however, the training center is now apparent near the northeast corner of the main assembly building and the two aboveground storage tanks previously located south of the steam plant are no longer present.

#### 4.5.11 Recent Aerial Photograph

Features are similar to the 2006 aerial photograph.

### **4.6 Topographic Maps**

ARCADIS reviewed seven historical topographic maps of the St. Paul Quadrangle (1896 and 1958), the Minneapolis Vicinity West Quadrangle (1952) and St. Paul West Quadrangle (1967, 1972, 1977 and 1993) obtained from Environmental Data Resources, Inc. The scale of the topographic maps is 1 inch equals 62,500 feet for the 1896 and 1958 maps and 1 inch equals 24,000 feet for the remaining maps. Copies of topographic maps are provided in Appendix H and are summarized in the following sections.

#### 4.6.1 1896 Topographic Map

The TCAP property is depicted as vacant undeveloped land with the exception of one small structure located in the eastern portion of the TCAP property.

#### 4.6.2 1952 Topographic Map

The main assembly building has been developed in the northern portion of the TCAP property and railroad spurs (feature 10 and feature 7) are apparent to the south and east of the main assembly building. The test track (feature 1) has been constructed in the eastern portion of the TCAP property. Two structures are apparent in the western portion of the TCAP property along the Mississippi River, which are in the current location of the steam plant. The southwestern and southeastern portions of the TCAP property are depicted as wooded vacant land. The small structure previously identified in the eastern portion of the TCAP property is no longer present.

#### 4.6.3 1958 Topographic Map

The features identified on the TCAP property are similar to the features identified on the previous topographic maps.

#### 4.6.4 1967 Topographic Map

The warehouse building has been constructed in the southern portion of the TCAP property, an irregular shaped structure, the current frame shack, has been constructed to the southeast of the main assembly building and several small structures have been constructed along the eastern portion of the main assembly building. The test track (feature 1) previously identified in the eastern portion of the TCAP property is not longer apparent.

#### 4.6.5 1972 Topographic Map

The features identified are similar to the features identified on the previous topographic maps; however, additional small structures have been constructed to the north and east of the square shaped building (warehouse building) and a drive has been constructed in the eastern portion of the TCAP property.

#### 4.6.6 1977 Topographic Map

Features identified as similar to the features identified on the previous topographic maps.

#### 4.6.7 1993 Topographic Map

Several new building structures have been constructed on the TCAP property. The paint building and associated bridge to the main assembly building has been constructed. The packer building has been constructed to the southeast of the main assembly building and an addition combining the main assembly building and warehouse building has been completed. The fan farm building and hazardous waste storage building (feature 34) have been constructed to the west and south of the paint building, respectively. Two structures appear to be present in the southwestern portion of the TCAP property, south of the steam plant and wastewater treatment plant, which may relate to the on-site treatment of soils described in Section 2.5. In addition, two aboveground storage tanks (feature 42) are identified to be south of the steam plant.

#### 4.7 City Directories

ARCADIS contracted EDR to complete City Directory research (1999 was the only year provided in the search) for TCAP and surrounding properties. According to the City Directory abstract provided by EDR, TCAP was only listed in 1999 in the available City Directories and was listed as Ford Plant in the Cole Criss-Cross Directory. Listings for adjoining and surrounding properties along South Mississippi River Boulevard were not identified in the available City Directories (refer to Appendix I).

#### 4.8 Main Buildings

Two main production buildings exist at TCAP, which are summarized in the following sections.

##### 4.8.1 Main Assembly Building

The original main assembly building was constructed in 1923-1924. The warehouse portion and the frame building were constructed prior to 1974. Major additions to the main assembly building occurred in 1960 and 1978 with other smaller additions occurring through the years. The Automated Storage Retrieval System (ASRS) warehouse was constructed in 1989-1990 (refer to Figure 5). The main interior construction materials consist of metal panel walls and concrete floor, various other construction materials such as carpeting and tile floor are present in office portions of the main assembly building and new training center. The exterior is constructed of metal panel siding and concrete block.



The main assembly building and associated additions have been utilized to house automobile assembly operations from 1924 until the present time. Portions of the main assembly building were historically utilized for vehicle painting, glass manufacturing and nickel plating operations. Currently, the main assembly building houses the body, trim and Quality Assurance/Quality Control (QA/QC) operations of the assembly. The frame building, also referred to as the frame shack stores the associated frames for the vehicles. The warehouse building stores parts, chemicals and other items utilized in the assembly operations. The main assembly building as well as the warehouse and frame building occupy the general central portion of the TCAP property (refer to Table 2 for current and former features identified in the main assembly building and refer to Figures 3B and 3C).

#### 4.8.2 Paint Building and Associated Fan Farm Building

The paint building was constructed in 1984-1985 and occupies the eastern portion of the TCAP property. The interior construction materials mainly consist of concrete floor, metal panel walls and concrete block walls, with the exterior consisting of mainly metal panel siding and a flat rooftop. The paint building houses the vehicle painting operations, which include phosphate, E-coat, sealer, prime basecoat and clearcoat processes, respectively. A paint kitchen is present in the southwestern portion of the paint building and offices are present in the central portion of the paint building. The paint building is connected to the main assembly building by a bridge, which transfers bare metal units to be painted and painted units to the trim area of the main assembly building (refer to Table 2 for current and former features identified in the paint building and refer to Figure 3D).

The fan farm building was constructed in 1984-1985 and is located west of the paint building. The fan farm building construction materials generally consist of concrete floor and metal paneling. The fan farm building is the collection point for emissions generated from the painting processes. The fan farm houses several large fans and ducts that pull air from within the painting process areas, which is filtered, treated and then released into the atmosphere through a large vertical stack. Carbon filtration and incineration are utilized to treat VOC impacted emissions. Other emissions from the painting operations are also treated through an incinerator prior to being emitted into the atmosphere. Four groundwater collection sumps (feature 115) are located within the northwestern and southeastern portions of the fan farm building, respectively.

## **4.9 Powerhouse**

Electrical power is provided to TCAP through two main electrical substations located within the central portion of the main assembly building and several additional wet and dry transformers are located throughout TCAP production buildings. Refer to Table 2 and Figures 3B through 3E for descriptions and locations of the electrical equipment.

## **4.10 Wastewater Treatment Plant**

The wastewater treatment plant was constructed in 1984 and is located directly north of the steam plant. The construction materials generally consist of brick, concrete block and concrete flooring. This building houses the wastewater treatment area (feature 134) which includes the processes for treatment of the industrial wastewater generated from the assembly activities (refer to Figure 3E).

## **4.11 Hazardous Waste Storage Building**

The hazardous waste storage building (feature 34) was constructed in 1984-1985 and is located south of the paint building (refer to Figure 3D). The hazardous waste storage building is generally constructed of metal panel siding with a concrete floor and concrete containment knee wall. The hazardous waste storage building stores the hazardous waste materials generated from the assembly processes, which is stored for no longer than 90-days. The hazardous waste storage building was well maintained and no staining or leakage was visually apparent in the structure.

## **4.12 Additional Buildings**

### **4.12.1 Packer Building**

The southern portion of the packer building was constructed prior to 1974 and an addition was added to the north prior to 1985 (refer to Figure 5). The packer building is located southeast of the main assembly building and the general construction materials consist of metal panel siding and concrete floor. The northern portion of the packer building is utilized as a lease vehicle maintenance shop and the southern portion of the packer building is utilized for storage of solid waste generated at TCAP, including cardboard and general refuse.

#### 4.12.2 Steam Plant

The steam plant building was constructed in 1923-1924 and is located in the west-central portion of the TCAP property, west of South Mississippi Boulevard. The general construction materials present at the steam plant are concrete floors, concrete block and brick walls and a flat roof. The steam plant houses the current operable boiler utilized to generate steam heat for the assembly plant. The boiler is currently fueled by natural gas. Historically, coal and fuel oil have been utilized as fuel sources for the boiler system. Steam piping runs across a bridge and into an underground tunnel beneath the main assembly building. When coal was utilized as a fuel source for the boiler system, it was transported to the steam plant via this underground tunnel from the coal hopper building (feature 47) located along the eastern portion of the main assembly building (refer to Figures 3B and 3E).

#### 4.12.3 Outbuildings

Several outbuildings are present throughout the TCAP property, which were constructed throughout the years as additional space was needed to house specific items or operations. An open air structure exists over the propane UST filling area, located southwest of the steam plant. Another open air structure is present along the northeastern portion of the main assembly building, which is utilized for parts and equipment storage (refer to Figure 3A). A small storage shed which houses the snow plow/salt truck utilized to clear the parking areas is located directly south of the parts and equipment storage structure. An office building is located directly east of the snow plow/salt truck storage building. A structure which houses the carbon wheels for the carbon filtration system is located immediately south of the fan farm building. Additional outbuildings are located in the northeastern portion of the TCAP property, which are utilized for security and office purposes.

#### 4.13 Exterior Features

The exterior features of the TCAP property consist of product and employee parking lots in the northern and central portions and delivery truck parking in the southeastern portion of the property. An additional parking area is present in the southwestern portion of the TCAP property, which was a former waste disposal area (Area C). Three baseball diamonds are present in the southeastern portion of the TCAP property and wooded areas are located in the northeastern and southeastern portion of the TCAP property. Several railroad spurs (feature 7, Figure 3A) are present in the central and southern portions of TCAP.

#### **4.14 Subsurface Tunnels**

ARCADIS completed a visual inspection of the subsurface tunnels located beneath TCAP on May 2 through 4 and May 7, 2007 (refer to Figure 3F). Accessible areas within the traffic tunnels, gas tunnels, cable tunnels, mined sand tunnels and oil tunnels were inspected. The following sections briefly describe the locations of the tunnel systems and the features identified in the tunnels. Table 2 presents the surface and subsurface features identified in the tunnels inspected by ARCADIS and photographs of the tunnels are presented in Appendix C (Photographs 65 – 78).

##### **Traffic Tunnels**

The traffic tunnels run west-southwest and east-northeast under the central portion of the main assembly plant and were historically utilized to transfer finished vehicles from the main assembly building to barges on the Mississippi River for shipment. The north and south traffic tunnels were observed to be approximately 12 feet wide and 15 feet high and are 700 feet long each. The tunnel consisted of a poured concrete floor and sprayed concrete on the tunnel walls and ceilings. The concrete on the floor and walls were observed to be cracked. Two traffic tunnel entrances are directly adjacent to the wastewater treatment plant. A main elevator shaft (feature 147, Figure 3F) for the traffic tunnels is located in the easternmost portion of the tunnels and a vent for the main elevator shaft is located in bay H24 within the main assembly building. The traffic tunnel elevator shafts below the level of the tunnel floor were completely filled with water, and the total depth could not be determined during the inspection. The source of the municipal water within the sand elevator was not able to be determined. Areas of surficial staining or chemical storage were not identified within the areas inspected in the traffic tunnels. However, an empty drum was observed in the north traffic tunnel loop.

##### **Gas Tunnel**

A gas tunnel is located south of the traffic tunnel, which runs west-southwest and east-northeast and was observed to be approximately 8 feet wide and 5.5 to 7 feet tall and 900 feet long. The gas tunnel entrance is located adjacent to the steam plant and is made of concrete block, while the remainder of the tunnel consists of sandstone. Another accessible entrance is located within the main assembly plant in bay M33. The gas tunnel is not currently in use. Historically, a gasification plant was located near the steam plant where coal was used to generate gas. The gas was then pumped to the main assembly plant through this tunnel. At the east end of the gas

tunnel, water was observed to be leaking in from the main assembly building above. Flow stone (feature 149, Figure 3F) was observed on the walls within the gas tunnel and it was indicated that the water leaking into the gas tunnel may be weld water, which contains heavy metals. Areas of surficial staining or chemical storage were not identified within the areas inspected in the gas tunnel.

### **Cable Tunnels**

The cable tunnels are accessible from the north bound traffic tunnel, a utility building located approximately 300 feet north of the north bound traffic tunnel entrance, a third entrance through a door from inside the hydroelectric plant building and a fourth entrance through a manhole at the hydroelectric plant. The cable tunnels were observed to be approximately 4 to 6 feet wide and 5.5 to 6 feet tall and 2,700 feet in length. The floor and walls of the cable tunnels are sandstone. The main cable tunnel runs north-northwest and south-southeast, with a central junction that runs east-northeast and west-southwest. The main cable tunnel provides power from the hydroelectric plant to the main assembly plant. The main cable tunnel continues northeast from the hydroelectric plant to Ford Parkway. A potential access point to this portion of the tunnel is via a manhole near the Ford Parkway bus stop. According to TCAP personnel, Excel Energy has power running through this portion of the cable tunnel and the access door is locked from the manhole and hydroelectric plant. Areas of surficial staining or chemical storage were not identified within the areas inspected in the cable tunnels.

### **Sand Tunnels**

Mined sand tunnels are connected to the traffic tunnels and cable tunnels, which were observed to be 10 to 25 feet wide, 10 to 30 feet tall, and total approximately 2.3 miles in length. The sand tunnels are accessible only through one of the junctures in the traffic and cable tunnels. The majority of the mined sand tunnels are located underneath of the Paint Building, with the exception of tunnel 1A which runs underneath the general central portion of TCAP. During the tunnel inspection the exit location for 1A could not be confirmed and has potentially been covered. A sand elevator shaft (feature 148, Figure 3F), located at 1A north, was observed to be completely flooded. A stairwell adjacent to the sand elevator appears to lead into a room below the elevator (feature 145, Figure 3F) that is approximately 7 feet below ground surface (bgs). An inspection of the room could not be completed due to flooding of this subsurface feature. The source of water within the sand elevator was not able to be determined. An 8-inch wastewater line enters/exits the main assembly

plant at this point. The floor and walls of the tunnels consist of sandstone except for a 40 to 50 foot section near the sand elevator where the walls are concrete. Approximately 40 feet north of the sand elevator, a six inch core through a concrete wall was observed which leads into an adjacent room. Other access points into the adjacent room were not found. Due to the angle at which the core was drilled, ARCADIS was unable to inspect the room.

Sand tunnel 1A south was an exit at one point in time with concrete and rebar formed walls and ceiling. Currently, there is no exit point, and a collapse is apparent at the end of the tunnel. Buried drums (feature 150, Figure 3F) were observed to be present under the collapse debris and black, rust and turquoise staining was observed on the floor and ceiling. The staining observed had a paint odor. The black, rust, and turquoise staining was also present in open 55 gallon drums (feature 150, Figure 3F) partially filled with solids with a paint odor. The extent of the drum storage could not be determined due to a collapse at the assumed exit point of the tunnel. Furthermore, a few other drums (feature 143, Figure 3F) were observed in sand tunnel 4A and 1A south, which were observed to be corroded and in poor condition. Staining or odors were not identified near the drums as the drums appeared to have been utilized for mixing concrete or mortar.

Several of the mined sand tunnels contain old railroad ties (with a limited number having rails still attached to them) which were used to transport the mined sand from the tunnels for use in the glass manufacturing operations in the main assembly building. A number of these tunnels have had or currently had standing water in them and creosote staining was observed in these areas (feature 151, Figure 3F). Creosote is used in railroad ties to preserve the wood. The main tunnels in which creosote staining was noted are 1<sup>st</sup> S, 2<sup>nd</sup> S, 5<sup>th</sup> N, 4<sup>th</sup> N, 2<sup>nd</sup> N, 10<sup>th</sup> N, 9<sup>th</sup> N, and 8<sup>th</sup> N.

## **Oil Tunnel**

The oil tunnel is located underneath the main assembly building floor and begins in the former oil house. The oil tunnel runs west-southwest and east-northeast and terminates near bay G18. The oil tunnel was observed to be approximately 5 to 6 feet wide, 5 feet tall, and 400 feet long and is made of concrete. Only the one exit/entrance exists for the oil tunnel, which is located inside the former oil house beneath a floor hatch. Oil staining was observed throughout the floor surface in the oil tunnel, and extends the entire length of the tunnel (feature 144, Figure 3F).

## 5. Regulatory Reviews

### 5.1 Standard Environmental Record Sources and Review

ARCADIS contracted EDR to conduct a database search for agency records. The report, presented in Appendix J, defines and summarizes the ASTM databases reviewed in the EDR report and notes if any sites (including the subject property) were identified in the specified radius.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately  $\pm 300$  feet. The EDR report provides a list of unmapped sites for which inadequate location information was provided. The EDR Radius Report identified 21 unmapped or "Orphan" sites. Seven of the sites appear to be located outside of the respective study database radii in the towns of Lilydale and Minneapolis. Twelve of the orphan sites listed appear to be located several miles from TCAP or are not listed on a database that indicates a release of hazardous substances or petroleum based products from the site. One orphan site, located at 2185 Ford Parkway (current location of Tires Plus), surrounds TCAP to the north and is listed on the LUST database. Another orphan site is listed at Station Road and indicates Ford Motor Company as the owner; however, the location of Station Road could not be confirmed. The two orphan sites are described in more detail below and EDR site reports for each of the sites are provided along with the EDR report in Appendix J.

- Amoco SS# 8529 is listed at 2185 Ford Parkway and Cretin Road in St. Paul, Minnesota, located north of TCAP at the current location of Tires Plus. The site is listed on the LUST database with site ID 240735 for which a confirmed release was reported on September 1, 1988. According to the report unleaded gasoline, regular gasoline and fuel oil 1 and 2 had leaked from USTs at the site. Free product was identified at the site and groundwater was indicated as being affected from the release. The site received closure on March 9, 1995 for the reported release and therefore does not appear to pose an environmental concern to TCAP; however, apparent groundwater flow direction is towards TCAP and groundwater monitoring wells were formerly installed on TCAP property to evaluate off-site migration. Refer to Section 5.1.2 for further discussion.
- Ford Motor Company is listed at Station Road in St. Paul, Minnesota and is listed on the MN Spills database. The EDR site report indicates that a spill of approximately 15 gallons of hydraulic fluid occurred on August 22, 1998. The

report indicated that a hydraulic line broke due to equipment failure during a heavy rain and hydraulic fluid was accidentally discharged into a storm sewer 25 feet to the Mississippi River. Five gallons of fluid were recovered from the spill. The spill received closure on June 30, 2000 and does not appear to pose an environmental risk to TCAP.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted TCAP. The criteria used to evaluate the potential for adverse impact to TCAP include:

- Distance from TCAP.
- Expected depth and direction of groundwater and surface water flow.
- Expected storm water flow direction.
- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators.

The identification of a site as potentially upgradient or downgradient is based on the elevation and expected direction of ground water flow to the southwest towards the Mississippi River.

#### 5.1.1 Subject Property - TCAP

TCAP was listed on several of the Federal and State databases searched by EDR. The databases on which TCAP was listed include the Tier 2, UST, PCB Activity Database System (PADS), Facility Index System (FINDS), Resource Conservation & Recovery Act – Large Quantity Generator (RCRA-LQG), Toxic Release Inventory System (TRIS), Comprehensive Environmental Response-No Further Remedial Action Plan (CERC-NFRAP), FTTS, ICIS, MN Enforcement, MN Spills, LUST, MN DEL PLP, databases. The information provided in the EDR report pertaining to USTs and ASTs is consistent with the information provided in documentation maintained by Ford Motor Company and state, county and local agencies.

Information provided for TCAP in the Tier 2 and RCRA-LQG databases is summarized in Section 3.19.4. LUST and MN Spill database information is summarized in Section 3.20.





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The CERC-NFRAP database indicated that TCAP maintained a site ID of 0503724 and is not listed on the NPL. The non-NPL status of TCAP was indicated as CERC-NFRAP (no further remedial action planned). The EDR Report indicates that a discovery was completed on August 1, 1980 and a preliminary assessment was completed on February 1, 1984 and February 7, 1990. TCAP was considered an archived site on February 7, 1990. The FTTS database indicated that two violations were reported for TCAP during a Section 6 State conducted PCB investigation. The MN Enforcement database indicated that several enforcement actions were recorded for TCAP, which included a compliance order, letter of warning, notice of violation and an executed stipulation agreement. The EDR Report indicated that TCAP had complied with each of the enforcement actions, with the exception of a final compliance order issued on February 6, 2003. The ICIS database indicated that three enforcement actions were taken against TCAP in 1992 and 1999 related to TSCA 16 Action for Penalty and the Clean Air Act 113 Notice of Violation.

The MN DEL PLP database indicates that past disposal activities of unknown quantities of paint sludge, waste solvents and oils occurred at several locations (known as Areas A, B and C) at the TCAP property until 1966. One of the disposal sites is located approximately 500 feet from the Mississippi River. Low-level contamination (metals and solvents) have been detected at several shallow groundwater monitoring wells at one of the disposal sites and potential contamination of surface water, groundwater and soils exists at the other disposal areas. The MPCA requested Ford Motor Company to undertake a hydrogeologic study of the disposal site closest to the Mississippi River in August 1981. The physical hazards at the site were remediated in March-April 1990 and the RI/FS work plan was implemented in spring of 1991. According to the EDR report additional actions are needed, which include conducting a Remedial Investigation and Feasibility Study and design and implement response actions. The current status of the disposal sites was not reported in the EDR report. Refer to Section 2.5 for additional information pertaining to the disposal sites and their closures.

The SHWS database indicates that long term groundwater monitoring and removal O&M is conducted to monitor a release from a hazardous waste UST. The file was last updated on February 9, 2005. Refer to Section 2.5 for additional information pertaining to this listing.

In addition, ARCADIS searched the U.S. EPA Envirofacts and Enforcement Compliance History Online (ECHO) databases for additional information that may be available pertaining to TCAP. The U.S. EPA Envirofacts and ECHO databases

indicated that TCAP maintains an operating air permit, active NPDES permit and active large quantity RCRA generator permit. TCAP was also indicated as a TRI reporter. According to the inspection and enforcement summary data maintained on the databases, the last air inspection was conducted on February 9, 2005, the last NPDES inspection was conducted on May 20, 1994 and the last RCRA inspection was conducted on June 8, 2002. No penalties have been assessed to TCAP in at least three years according to information provided in the databases.

### 5.1.2 Surrounding Properties

No properties were identified within the specified search radii in EDR's search of the NPL, Proposed NPL, Delisted NPL, NPL RECOVERY, CERCLIS, CERCLIS-NFRAP, CORRACTS, RCRA-TSD, RCRA-LQG, ERNS, HMIRS, US ENG CONTROLS, US INST CONTROLS, DOD, FUDS, US BROWNFIELDS, CONSENT, ROD, UMTRA, ODI, TRIS, TSCA, FTTS, SSTS, ICIS, CDL, LUCIS, RADINFO, MLTS, MINES, RAATS, MN PLP, MN DEL PLP, State Landfill, MN LCP, LAST, LIENS, BULK, MN AGSPILLS, BROWNFIELDS, MN Enforcement, MN HWS Permit, AIRS or TIER 2 databases. Sites identified in EDR's review of other databases are summarized below.

Database	Radius searched	Sites Found
<b>Resource Conservation and Recovery Information System (RCRIS) Generators</b> Facilities which are regulated based on current hazardous waste generation management activities, as small quantity generators.	0.50 mile	32
<b>Underground Storage Tank (UST) Database</b> Facilities which maintain registered USTs	0.50	15
<b>Facility Index System (FINDS)</b> Facilities which have additional listings that are explained in more detail within the appropriate listing in the EDR report.	0.25	30
<b>Leaking Underground Storage Tank (LUST) Sites</b> Facilities which have had a reported LUST incident.	0.75	22
<b>Aboveground Storage Tank (AST) Database</b> Facilities which maintain registered ASTs.	0.50	4
<b>State Hazardous Waste Sites (SHWS)</b> Facilities that are listed on the remediation system database, which includes all sites that the State Superfund Program is dealing with or has dealt with. The facilities are 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.	1.25	1
<b>Minnesota Spills (MNSPILLS) Database</b> Facilities at which spills have been reported to the Minnesota Pollution Control Agency.	0.25	8
<b>Minnesota List of Sites (MN LS)</b> Facilities which have additional listings that are explained in more detail within the appropriate listing in the EDR report.	0.75	4

Database	Radius searched	Sites Found
<b>Minnesota Voluntary Investigation and Cleanup (VIC) Program</b> Facilities at which a release or spill has occurred or been discovered where the owner/operator voluntarily investigate and cleanup the release, spill, or identified contamination.	0.75	3
<b>Minnesota Institutional Control Database</b> Facilities which have an institutional control event listed.	0.75	1
<b>Drycleaners</b> Facilities that are currently operating as or have operated as a coin operated laundry or drycleaner.	0.50	2
<b>PCB Activity Database System (PADS)</b> Facilities which are generators, transporters, commercial stores and/or brokers and disposers of PCBs who are required to notify the U.S. EPA of such activities.	0.25	1
<b>Wisconsin Manifest</b> Facilities which have generated hazardous waste for transport off-site.	1.0	1

The database search contains listings of properties surrounding TCAP, which have had spills or have had recorded environmental concerns. ARCADIS has reviewed the surrounding sites identified in the EDR report utilizing the process outlined in Section 5.1. Based on distance, hydrological position in relation to TCAP and/or closure of a reported release, the sites listed in the vicinity of TCAP are not expected to have adversely impacted TCAP and are therefore not summarized within this section, with the exception of the following LUSTs sites summarized in the following paragraph.

Six LUST sites were identified within close proximity to TCAP; therefore, ARCADIS requested information from the MPCA pertaining to the sites. ARCADIS reviewed available documentation for evidence of off-site migration towards TCAP property maintained at the MPCA. The findings of the research are summarized below:

- Former Amoco Service Station (current Tires Plus) located at 2185 Ford Parkway in St. Paul, MN. The LUST incident was reported in September of 1987 during a UST removal. The on-site perched aquifer was indicated as being impacted by the release. The highest benzene concentration was detected at MW-4 (0.59ppm), located approximately 100 feet north of the TCAP parking lot. Monitoring wells were installed in the northeastern portion of TCAP property to evaluate off-site migration from the release. Based on laboratory analysis all groundwater samples were non-detectable for contaminant constituents; therefore, migration towards TCAP was not identified. The LUST release was closed on March 9, 1995 per the MPCA.
- A former drycleaners was located at 2169 Ford Parkway in St. Paul, MN. The LUST incident was reported in 1999 based on a Phase II investigation at the site. The USTs were removed and piping was abandoned in place. Five soil

borings were completed in the vicinity of the former tank cavity, which revealed low level impact to the subsurface soils. Four monitoring wells were installed at the site and the last two sampling events indicate non-detectible concentrations for diesel range organics (DRO) and VOCs were non-detectible during all sampling events. The only soil impacts were identified immediately adjacent to the underground piping. The LUST site was closed by the MPCA on January 6, 2003.

- Highland Village Apartments are located at 845 Cleveland Avenue in St. Paul, MN. The release was reported on September 13, 1988 during UST removal activities (15 tank sites). The consultant completing subsurface investigation activities at the property indicated that the contaminated soils were limited to the areas around the USTs, which are not in close proximity to TCAP property. The site was closed on December 13, 1989 by the MPCA.
- Carson Pierre Scott Retail is located at 2110 Ford Parkway in St. Paul, MN. A release was reported to the MPCA on February 7, 1989 during the removal of a 10,000 gallon fuel oil UST. 60 cubic yards of impacted soil was removed from the site. The petroleum impacts were indicated to remain within 30 feet of the site. The site received closure on March 15, 1991.
- Fina Mart is located at 2111 Ford Parkway in St. Paul, MN. A release was reported for this site on February 7, 1989 due to gasoline vapors detected in the basement of an adjacent store. Groundwater impacts at the site were indicated to have originated from the tank basin at the site; however, the exact source of the leak was undetermined. The argument for closure of the site was that the contaminant plume had stabilized and natural attenuation was occurring so no active remediation was completed at this site. Based on additional monitoring activities dissolved hydrocarbons in groundwater were not migrating off-site and no vapor impacts to storm or sanitary sewers beneath Ford Parkway were identified; therefore, the site received closure on June 25, 1999 by the MPCA.

## **5.2 Agency Contacts**

ARCADIS also conducted interviews and obtained pertinent documentation from the City of St. Paul Fire Department, License, Inspections and Environmental Protection Department, Department of Planning and Economic Development and Regional Water Services Department; Ramsey County Assessing Department and Environmental

Health Department; Minnesota Pollution Control Agency and U.S. Environmental Protection Agency for TCAP. Below is a summary of the interview and documentation review findings:

- ARCADIS submitted a request to the St. Paul Fire Department for copies of available records pertaining to fires, USTs, ASTs, spills, violations and other environmental concerns that were reported for TCAP. The documentation obtained from the fire department contained letters and associated forms pertaining to the required Emergency Planning and Community Right To Know Programs – Hazardous Chemical Reporting pursuant to the Superfund Amendments and Reauthorization Act of 1986 and applicable U.S. EPA regulations. The reports (Tier II) provided were for the years 1987 through 2005. Additional information contained within the file documentation received included Integrated Contingency Plan Amendment Notices and revised reports for 2000, 2002 and 2004. An updated version of the SPCC plan was also contained in the fire file documentation. Remaining documentation received included field incident reports (fire incidents), documentation pertaining to former and current USTs, inspection reports and manifests. The information contained in the documentation received is summarized in the appropriate sections throughout this report.
- ARCADIS personnel reviewed available file documentation maintained at the St. Paul License, Inspections and Environmental Protection Department for TCAP. File documentation reviewed included several general building permits, various inspection reports, and several drawings relating to additions to the assembly plant buildings, relocation of propane tanks from near the main assembly building to an area south of the steam plant (1999), remodeling of building interiors and a new exhaust stack configuration for the paint building (1984).
- ARCADIS personnel contacted the St. Paul Department of Planning and Economic Development to obtain zoning information for TCAP. According to a representative with the department, TCAP is zoned I1 – light industrial district, permits assembly of previously manufactured parts.
- ARCADIS contacted the St. Paul Regional Water Services to obtain water and sewer information for TCAP. According to a representative with the department, city water services were available for connection in 1923 and a sanitary line was installed along Mississippi Boulevard in 1936.

- ARCADIS obtained assessment information pertaining to the two parcels that the TCAP property consists of from the Ramsey County Property Information Online Database. Property information pertaining to construction dates of building structures and current assessment of the parcels has been incorporated into this report.
- ARCADIS personnel reviewed available file documentation maintained at the Ramsey County Environmental Health Department for TCAP. The files available contained information pertaining to hazardous waste generator licenses, a 1994 SPCC plan, 1993 pollution prevention progress report, stipulation agreement submittal regarding disposal of rags and non-compliance issues relating to cleanup of historical on-site waste disposal areas, soil remediation communications and a hazardous waste inspection response report. Information obtained from the file review is summarized in the appropriate sections within this report.
- ARCADIS submitted a request to the MPCA for available file documentation pertaining to TCAP maintained at waste, remedial action, air and water divisions. The information obtained through the review of available documentation is summarized within this report. This documentation identified two former disposal areas as discussed below:
  - One former disposal site (feature 140, Figure 3A) was identified below the Mississippi River bluffs, north of the steam plant, which apparently was the result of an isolated disposal incident which occurred in 1966. According to a project report completed by the MPCA, the visibly contaminated soils were excavated and sent to a hazardous waste landfill. The project report indicated that based on a report submitted to the MPCA the waste material was deemed non-hazardous. However, no analytical data of the material disposed of or a description of the material excavated and disposed was included in documentation reviewed
  - According to a Potential Hazardous Waste Site Preliminary Assessment report completed by the USEPA in 1984 and based on an executive summary completed by the MPCA, battery wastes were allegedly disposed of in a pit beneath the baseball diamonds (feature 139, Figure 3A) located in the southeastern portion of TCAP property. A letter submitted by Ford, dated October 15, 1986, indicated that they had not found any indication that the parcel on which the baseball

diamonds are located was used for disposal of batteries or any other type of waste. The letter also indicated that used and defective batteries possess considerable salvage value and are typically reclaimed for their lead content; therefore, such disposal would not have been likely. In addition, the letter described that based on files maintained at TCAP the property on which the baseball diamonds are located has been utilized as such since 1954. Based on documentation reviewed it appears that the MPCA proposed to complete a geophysical study in the area; however, no documentation pertaining to additional investigation into the alleged battery waste area was found through research efforts completed by ARCADIS

- ARCADIS contacted the MPCA regarding the status of several surrounding sites of environmental concern that have had reported releases, which have been closed by the MPCA. A summary of information obtained is provided in Section 5.1.2.
- ARCADIS submitted a request to the U.S. EPA, Region 5 for available file documentation pertaining to TCAP. Air file documentation contained air permit information. Documentation was also obtained from the Waste, Pesticides and Toxics Division, which included RCRA file documentation. Information contained in the file documentation is summarized in applicable sections with the report. A response from the Water Division indicated that no records were found relating to TCAP with regards to records in their possession pursuant to the Clean Water Act.



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**6. Summary of Surface and Subsurface Features**

Descriptions of surface and subsurface features identified at TCAP and their respective locations are presented in Table 2 and on Figures 3A through 3F. In addition, features which have been identified as RECs, historical RECs and Areas of Interest are presented in Tables 1A, 1B, and 1C respectively and are presented on Figures 2A through 2F. Tables 3, 4, 5, and 6 present detailed descriptions of USTs, ASTs, bulk storage areas and hydraulic lifts, respectively.





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**7. Findings**

ARCADIS performed a Phase I ESA (in conformance with the scope and limitations of ASTM Standard Practice E1527-05) of the Ford Motor Company TCAP located at 966 South Mississippi River Boulevard in St. Paul, Ramsey County, Minnesota. The Phase I activities were conducted on behalf of Ford Motor Company and this report was prepared for its exclusive use.

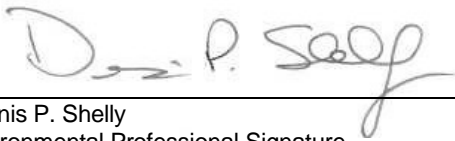
This assessment did not identify any RECs associated with TCAP except for the RECs identified in Table 1A and the historical RECs identified in Table 1B. Areas of Interest identified during the assessment are identified on Table 1C.

In addition, based on several of the RECs identified, should additional investigation activities be pursued, the activities should be completed in accordance with local, state and federal regulations and guidelines.

## 8. Signatures

All work activities associated with the Phase I ESA described in this report were conducted under my direction. The following statements are included as required by the ASTM standard by the environmental professional responsible for conducting the Phase I assessment and preparation of this report:

- I declare to the best of my knowledge and belief that I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualification based on education, training, and experience to assess a property of the nature, history, and setting of the site.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 subject to the limitations of the ASTM methodology and the data gaps identified in this report.



---

Dennis P. Shelly  
Environmental Professional Signature



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**9. Qualifications of Environmental Professional**

The work was completed by personnel who meet the definition of environmental professional as defined in ASTM E-1527-05. The work was conducted under the supervision and review of Dennis P. Shelly, P.E., Practice Manager with ARCADIS. His resume is attached in Appendix A. Resumes of other individuals who completed the work will be provided on request.

**ARCADIS**

**Tables**

**Table 1A  
Summary of Recognized Environmental Conditions  
Ford Motor Company  
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Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
1.	Former Test Track	2A	Eastern Portion of TCAP Property	<b>REC:</b> Based on a review of aerial photographs, the former test track was historically used to test vehicles from prior to 1953 until prior to 1974. The test track was sprayed with oil as dust control, based on information provided through interviews with TCAP personnel. Based on the continued application of oil, which may have been used oil, the former test track represents a REC.
5.	Former Location of Gasoline and Diesel Fuel Underground Piping	2A	Along Northern Portion of Main Assembly Building Beneath the Current Training Center and Employee Parking Lot	<b>REC:</b> Underground steel piping formerly utilized in conjunction with former gasoline and diesel fuel USTs in the area (feature 2) which were removed in 1993. The piping had been in place since approximately 1977. Some areas of piping may still be in place below the ground surface. A release occurred from the piping which impacted subsurface soils and, therefore, remedial activities were completed in the area of the piping, which included extensive soil removal (feature 4). However, in 2004-2005 during a water main repair in the area of the piping, a subsequent release was reported. The releases have been closed per the MPCA; however, based on the recurrent releases identified impacted soil may still be present in the area of the underground piping.
7.	Railroad Spurs	2A	Central and Southern Portions of TCAP Property	<b>REC:</b> Railroad spurs are utilized for the delivery and loading of parts and other items to and from the assembly plant via rail cars. In addition, railcars are used to transfer final products to their retail destinations. Some minimal to moderate areas of staining were observed within the vicinity of the railroad spurs. Based on the current use of the railroad spurs and minimal to moderate areas of staining the railroad spurs represent a REC.
8.	Former Hazardous Waste Storage Area	2A	Southwest of the Paint Building	<b>REC:</b> Based on historical documentation reviewed a former hazardous waste storage area was identified in the area. The documentation did not include any reported spills from this area; however, based on the general usage of the area to store hazardous waste materials, the former hazardous storage area represents a REC.
10.	Former Hazardous Waste Storage Area	2A	Near Packer Building	<b>REC:</b> Based on historical documentation reviewed a former hazardous waste storage area was identified in the area. The documentation did not include any reported spills from this area; however based on the general usage of the area to store hazardous waste materials, the former hazardous storage area represents a REC.
15.	Outfall 001	2A	Approximately 500 Feet Southwest of TCAP Property in Hidden Falls Regional Park	<b>REC:</b> Outfall 001 is regulated under the TCAP's NPDES permit and discharges into Hidden Falls Regional Park. According to documentation maintained at the MPCA, three separate spill events occurred at the Hidden Falls storm drain outfall (001) in July, August and September of 1989. Samples were taken from the outfall area by MPCA representatives, which indicated the presence of MIBK and other solvents. During a meeting with MPCA representatives, Ford indicated that the suspected source of the spill was most likely a catch basin around four USTs containing solvents (feature 36). Ford completed the June 1990 MPCA requirements to define the extent of contamination surrounding the waste solvent tanks and proposed remediation addressed in the RFR. However, documentation pertaining to additional closure sampling at Outfall 001, following the identification of the presence of MIBK, was not found at files maintained at TCAP or the MPCA.
16.	Former Gasoline, Sunoco Spirits and Pyroloxin Thinner USTs	2B	East of Central Engineering Office	<b>REC:</b> Ten former USTs were located in the vicinity of the former oil house. Two 20,000 gallon USTs contained gasoline and were located east of the former oil house. Eight 6,000 gallon USTs contained gasoline, Sunoco spirits or pyroloxin thinner and were located north of the former oil house. Historically, the USTs were used in conjunction with the former paint operations that occurred within the main assembly building. Documentation pertaining to the removal and subsequent closure of the USTs was not found in files maintained at TCAP or the MPCA. Therefore, the USTs may still be in place at TCAP.
18.	Product Loading Area	2B	South of Former Oil House	<b>REC:</b> Product loading area for chemical products contained in the twelve fluid fill ASTs located within the former oil house. Based on the use of this area the product loading area is a REC
20.	Former Oil Fill Area	2B	Northeast of the coal hopper house	<b>REC:</b> A review of historical drawings indicated the presence of a former oil fill location. Based on the former use of the area the oil fill location represents a REC.
21.	1996 Glycol Release From Underground Piping	2B	Along Eastern Portion of Main Assembly Building	<b>REC:</b> In 1996 a leak occurred from underground piping used to transfer glycol along the eastern portion of the main assembly building. Based on available documentation reviewed remediation activities were completed in the area of the release; however there was no documentation indicating that the release had been adequately cleaned and remediated per the MPCA. Therefore, the glycol release represents a REC.
23.	Former Brake Fluid UST	2C	Near Southwest Corner of Main Assembly Building	<b>REC:</b> A former 6,000 gallon brake fluid UST was used in conjunction with fluid fill operations at TCAP. The UST was installed in 1968 and removed in 1990. The UST was of steel construction. A review of available documentation indicated that there were no reported releases from this UST; however, no documentation pertaining to removal activities or closure sampling were found in files maintained at TCAP or the MPCA.
36.	Former Bulk Solvent and Waste Solvent USTs	2D	West of the Hazardous Waste Storage Building	<b>REC:</b> During the fall of 1984 the UST area was constructed and four USTs were installed to store paints, resin and new solvents delivered to TCAP in tanker trucks. The USTs were double walled steel tanks with corrosion protection and were anchored on buried 24-inch thick concrete pads. A release was reported from the USTs in 1989 and remedial activities were completed in the area as part of the PRP investigation completed at TCAP. Three monitoring wells were installed in the area and were sampled annually until 2003, when the MPCA deemed the sampling not necessary. The sump located in the vicinity of the current USTs is still sampled annually and the next sampling is due in the spring/summer of 2007. MIBK is still present in the area of the former USTs.

**Table 1A  
Summary of Recognized Environmental Conditions  
Ford Motor Company  
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Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
37.	Solvent UST Underground Piping	2D	South of Paint Building	<b>REC:</b> Piping is utilized to collect solvent waste generated during the painting process that is then transferred to the used solvent USTs located south of the paint building. Additional piping is utilized to transfer the used solvents from the USTs to unloading ports near the southwestern portion of the paint building for removal. The portion of the underground piping located between the building and USTs consists of double walled steel piping. The piping is located within a concrete utility trench with the exception of a section of the piping extending from the top of the USTs, down to the trench. No visual evidence of leakage or comprised integrity of the visible portion of piping was noted during site reconnaissance activities. However, piping within the trench system could not be evaluated. Once the piping is no longer in use the area will be addressed in accordance with applicable regulations.
42.	Former Fuel Oil ASTs	2E	South of Steam Plant	<b>REC:</b> Former fuel oil ASTs were located south of Steam Plant. The ASTs were removed from service in 2000 and corrective actions were completed between August 1, 2000 and October 16, 2000. A review of available documentation did not identify any closure sampling or MPCA approval documentation following removal of the ASTs, which were originally installed in 1951
46.	Sump within Solvent UST Basin	2D	Northwestern Corner of the UST Basin	<b>REC:</b> Used for collection of groundwater from the solvent UST basin which is pumped to paint sludge pits. The sump is monitored annually due to a former release which occurred from the former solvent USTs that were removed from the area in 1992. Based on monitoring results MIBK is still detected above the applicable criteria in the sump and the next monitoring event is scheduled for the spring/summer of 2007. Based on annual monitoring and continued presence of MIBK the sump within the solvent UST is considered a REC.
49.	Former Hazardous Waste Storage Area	2B	Along Eastern Portion of Main Assembly Building	<b>REC:</b> Based on historical documentation reviewed a former hazardous waste storage area was identified to have been located east of the main assembly building. A review of available documentation indicated that there were no reported releases from this area. Based on the general usage of the area to store hazardous waste materials, the former hazardous storage area represents a REC
50.	Used Oil AST	2B	East of Central Engineering Offices	<b>REC:</b> A used oil AST was observed in the main assembly building near the lye/caustic tank into which used oil is deposited and stored prior to being recycled/disposed by a used oil company. Heavy staining and a few pools of oil were observed near the used oil AST. In addition, the used oil AST is situated in a containment unit that is of lower grade than the floor surface; therefore, the integrity of the AST was unable to be assessed. A review of available documentation indicated that there were no reported releases from this AST. Once this AST is no longer in use the area will be addressed in accordance with applicable regulations. Based on field observations the used oil AST represents a REC.
51.	Lye AST	2B	East of Central Engineering Offices	<b>REC:</b> A lye/caustic AST was observed in the main assembly building near the used oil AST. It appeared as if the lye AST was no longer in service; however, the AST was full of caustic liquid. The AST was observed to be in poor condition and appeared rusted. Staining and leakage was observed around the lye/caustic AST. A review of available documentation indicated that there were no reported releases from this AST. Once this AST is no longer in use the area will be addressed in accordance with applicable regulations. Based on field observations the lye AST represents a REC.
54.	Substation	2B	Cafeteria Basement	<b>REC:</b> Substation includes 5 transformers which were formerly PCB containing. The transformers have since been retrofitted or replaced with non-PCB containing oils. Additionally, according to TCAP personnel, three transformers that are not recorded in documentation were installed as power backup for a flood which occurred during 1965. One of the three transformers was observed to be leaking oil onto the surrounding concrete ground surface, which may potentially contain PCBs, based on the timeframe of installation.
59.	Railroad Spur	2B and 2C	AA56-G56; G23-G40; P29 P41	<b>REC:</b> Railroad spurs are utilized for the delivery and loading of parts and other items to and from the assembly plant via rail cars. In addition, railcars are used to transfer final products to their retail destinations. Some minimal to moderate areas of staining were observed within the vicinity of the railroad spurs. Based on the current use of the railroad spurs and minimal to moderate areas of staining the railroad spurs represent a REC.
66.	Elevator to Paint	2B	L14	<b>REC:</b> One Marmac elevator/lift was observed in the northeastern portion of the main assembly building which is utilized to transfer metal bodies and painted bodies to and from main assembly and paint. This Marmac elevator was observed to be leaking hydraulic fluid into the concrete containment basin surrounding the piston (standing oil) and on the surrounding concrete surface. Further evaluation of the integrity of this feature will be conducted after it is no longer in service. Based on the heavy leakage and oil staining observed, the elevator to paint represents a REC.
70.	Containment Pit	2B	P14-P15	<b>REC:</b> The containment pit includes oil collection/belt skimmer system, sump lift stations, and housekeeping trenches to channel and collect spills. Staining and leakage was observed in and around this containment area, which is located around the used oil AST and the lye/caustic AST. The integrity of the containment pit is unknown. Once the pit has been emptied and cleaned, the integrity of the structure will be evaluated. Based on the staining and leakage observed around and near the containment pit the area represents a REC.
80.	Glass Basement	2B	L17	<b>REC:</b> The glass basement was formerly used for the storage of molten glass utilized in historical glass manufacturing operations at TCAP. Staining was observed in the western portion of the basement, which originated from leaking machinery located on the floor above. Also, green staining was observed on concrete floor surface in the eastern portion of basement, which appeared to originate from leaking machinery on the floor above. The concrete floor in the glass basement was observed to be pitted and cracked. Based on the historical use of the glass basement, staining observed and condition of the concrete floor the glass basement represents a REC.

**Table 1A  
Summary of Recognized Environmental Conditions  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
86.	Housekeeping Trenches	2B	M24-M27	<b>REC:</b> Trenching is present around normally wet operations to collect overflow/runoff/spills and prevent spreading throughout the plant. Trenching is blind and is pumped manually as needed. Hydraulic fluids from nearby machinery were observed to be collecting within the trenches. The interior integrity of the concrete trenches is unknown. Once the trenches have been emptied and cleaned, the integrity of the structures will be evaluated. Heavy staining was also apparent around the housekeeping trenches originating from leakage of nearby machinery. Based on the heavy staining observed and unknown integrity of the housekeeping trenches the trenches represent a REC.
88.	Liquid Collection Trench	2B and 2C	B23; D39-D42; L24-L27	<b>REC:</b> Trenching is present around normally wet operations to collect overflow/runoff/spills and prevent spreading throughout the plant. Trenching is blind and is pumped manually as needed. Hydraulic fluids from nearby machinery were observed to be collecting within the trenches. The interior integrity of the concrete trenches is unknown. Once the trenches have been emptied and cleaned, the integrity of the structures will be evaluated. Heavy staining was also apparent around the housekeeping trenches originating from leakage of nearby machinery. Based on the heavy staining observed and unknown integrity of the housekeeping trenches the trenches represent a REC.
90.	Process Equipment	2C	N38-N39	<b>REC:</b> Heavy staining and leakage was observed beneath process equipment and on the surrounding concrete floor surface. Based on the observation of heavy staining and leakage process equipment in this area represents a REC
100.	Former Delpark Pit	2B	G19-G27; M7; M22	<b>REC:</b> Several former Delpark paint sludge collection pit locations were identified through a review of historical drawings and by interviews with TCAP personnel. Documentation pertaining to the closure of the pits was not found during research activities of files maintained by Ford or the MPCA. Based on the historical use of the pits, which contained equipment used in association with the management of hazardous paint waste the former Delpark pits represent a REC.
102.	Former Engine Line Drain Pit	2C	B36; B38-B39; C36	<b>REC:</b> Based on a review of historical drawings, engine line drain pits were identified in this area. Based on their historical use these pits represent a REC.
103.	Former Nickel Plating Operations	2B	A6-D22	<b>REC:</b> Through interviews with TCAP personnel, nickel plating was indicated to have occurred within the northwestern portion of the main assembly building. Based on the general operations of nickel plating it represents a REC
104.	Former Paint Operations	2B	L4-N33	<b>REC:</b> Former location of painting operations prior to construction of current paint building. The paint kitchen operations included the usage, storage and disposal of hazardous materials (paints and solvents). Based on the general painting operations that used hazardous materials, the operations themselves represent a REC.
106.	Former Solvent Fire	2B	Former Barrel Storage Area Located West of the Former Oil House	<b>REC:</b> A drum of waste solvent in the hazardous barrel storage area had developed a slow leak and was sitting in a small pool of solvent. The solvent was ignited by nearby steel cutting operations. A total of 80 gallons of solvent from the 2 drums was consumed by the fire and approximately 30 gallons were recovered from the 2 drums that were ignited. Documentation pertaining to sampling in the area of the fire following the fire was not found in documentation reviewed during research activities; therefore the former solvent fire represents a REC.
121.	Sludge Pits	2D	Western Portion of Paint Building	<b>REC:</b> Two waste paint sludge pits are used to store paint sludge generated from the painting process. The pits are of concrete construction. Overspray from the painting process is captured by sheeting action of water in trenches underneath the paint booths which is transferred into the paint sludge pits for separation. The northern paint sludge pit was observed to be in good condition; however, the southern paint sludge pit was currently full of water and paint sludge and could not be inspected. Once the paint sludge pits are no longer in use they will be inspected. Based on the use of the paint sludge pits to store hazardous paint waste the paint sludge pits represent a REC.
126.	Former Sulfuric Acid AST	2D	B3	<b>REC:</b> A formerly utilized sulfuric acid AST was observed near the sodium hydroxide tank currently in use. The AST was observed to be heavily corroded and staining and leakage was observed below the AST in the secondary containment dike. The integrity of the concrete containment dike could not be assessed due to the liquid contained within the dike system. Based on heavy staining and leakage observed and condition of the AST, the former sulfuric acid AST represents a REC.
137.	Former Dispenser Location	2B	O3	<b>REC:</b> Based on a review of historical drawings, a former dispenser area was located outside of the main assembly building at the time of its use. The building has since been expanded over this former location. A review of available documentation did not include any reported spills from this area or any removal or closure information. It is unknown if the dispenser area was properly removed or if closure verification samples were taken; therefore the former dispenser locations represents a REC
138.	Former 20,000 Gallon AST	2B	South of Former Oil House	<b>REC:</b> A former 20,000 gallon gasoline AST was removed from south of the former oil house as identified during interviews with TCAP personnel. Based on the interviewee, when the AST was removed stained soil and odors were identified. However, actions for remediation of the soil was apparently never completed in the area. It is unknown if the gasoline was leaded or unleaded gasoline. Based on the presence of staining and odors identified following removal of the AST and no supporting documentation pertaining to closure sampling or remedial excavation of the impacted soil, the former 20,000 gallon AST represents a REC
140.	Former Waste Disposal Area	2A	North of Steam Plant	<b>REC:</b> In what appears to be an isolated disposal incident in 1966, paint waste solvent and sludge was disposed of north of the steam plant. Visibly contaminated soils in the area were excavated and sent to a hazardous waste landfill. The reviewed documentation stated that the waste materials excavated were deemed non-hazardous; however, no analytical data of the material disposed of or description of materials excavated and disposed were included. Since no supporting documentation pertaining to sampling and closure of the incident was available, the former waste disposal area represents a REC.

**Table 1A**  
**Summary of Recognized Environmental Conditions**  
**Ford Motor Company**  
**Twin Cities Assembly Plant**  
**June 2007**

Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
143.	Drums	2F	Sand Tunnel 1A South and Sand Tunnel 4A	<b>REC:</b> A total of three drums were observed in these areas of the sand tunnels. The floor and walls of the sand tunnels consist of sandstone. The drums were rusted and in poor condition with no lids. Staining was not observed in or near the drums observed in these areas. It appeared as if the drums may have been historically utilized to mix concrete or mortar. However, due to the presence of the corroded drums of which the former contents is unknown they represent a REC.
144.	Oil Tunnel Staining	2F	Oil Tunnel	<b>REC:</b> Heavy oil staining was identified on the concrete floor surface within the oil tunnel. The oil tunnel may have been associated with historical USTs and/or ASTs located in or near the former fuel house to house product piping. Based on the heavy oil staining observed within the tunnel the oil tunnel staining represents a REC
150.	Collapsed Area With Buried Drums	2F	Westernmost Portion of Sand Tunnel 1A South	<b>REC:</b> Sand tunnel 1A south was constructed with concrete and rebar formed walls and ceiling. Historically, tunnel 1A south was an exit for the tunnel system; however the end of the tunnel has since collapsed and can no longer be used as an exit. During the site walk buried drums were observed to be present under the collapsed debris and black, rust and turquoise staining was observed on the floor and ceiling of the tunnels. The staining observed had a paint odor. The black, rust, and turquoise staining was also present in open 55 gallon drums partially filled with solids which emitted a paint odor. The number of drums present could not be determined due to the tunnel collapse. Based on the staining observed and contents of the buried/abandoned drums the collapsed area with buried drums represents a REC.
152	Former Fuel Oil UST	2D	East of Central Engineering Office	<b>REC:</b> The 27,000 gallon UST located east of central engineering may have been utilized to provide fuel as a heating source in the main assembly building. The UST was installed on an unknown date and no documentation pertaining to its removal was found through research activities; therefore, the UST may still be in place at TCAP.

Notes:

**Recognized Environmental Condition** - the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions. (Definition from ASTM Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.)

This table should be reviewed in conjunction with Figures 2A through 2F of the June 2007 Phase I ESA Report.



**Table 1B**  
**Summary of Historical Recognized Environmental Conditions**  
**Ford Motor Company**  
**Twin Cities Assembly Plant**  
**June 2007**

Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
2.	Former Gasoline and Diesel USTs	2A	Southeast of Training Facility	<b>Historical REC:</b> Two 20,000 gallon gasoline USTs and two 10,000 gallon diesel fuel USTs were utilized in fuel fill operations at TCAP. In 1993 a confirmed release (Leak 6373) from the USTs was reported during UST removal activities. Approximately 210 cubic yards of impacted soil was removed during remedial actions. The release received a closure from the MPCA in 1994. This is a historical REC since the release pertaining only to the USTs, which were removed, was issued a closure by the MPCA, stating that adequate clean up was completed.
3.	Former Convoy UST	2A	Located Approximately 200 feet East of the Training Facility	<b>Historical REC:</b> One 2,000 gallon diesel fuel UST was utilized to fuel Convoy vehicles at TCAP. In 1992 a confirmed release (Leak 5343) from the UST was reported during UST removal activities. Approximately 150 cubic yards of impacted soil was removed during remedial actions. The release received a closure from the MPCA in 1992. This is a historical REC since the release pertaining to the UST, which was removed, was issued a closure by the MPCA, stating that adequate clean up was completed.
4.	Former Area of Impacted Soil - Leak #10700	2A	Former Located in the Area Beneath the Westernmost Portion of the Current Training Center	<b>Historical REC:</b> Former area in which remedial excavation activities occurred in conjunction with the construction of the current training center. Soil impact was identified in the area as a result of gasoline and diesel fuel leakage from product lines and was reported on June 30, 1997. Impacted soils were removed. The release received closure on February 27, 1998. The release was reopened due to a second release from the area being reported in 2005. The MPCA issued a re-closure letter on September 22, 2005.
9.	Former Disposal Area A	2A	Southwest of the Paint Building	<b>Historical REC:</b> This area was utilized as a historical disposal site for waste materials generated from the assembly and painting operations. Waste materials, including waste solvents, were disposed of and buried in this area from approximately 1946 through 1960. During investigation activities in the area subsurface contamination was identified and actions were taken to remediate the area. The Response Action Final Completion Report completed for Areas A and B was accepted by the MPCA on April 20, 1993. On July 8, 1993, TCAP was de-listed from the Permanent List of Priorities (PLP).
11.	Former Disposal Area B	2A	Southeast of Main Assembly Building	<b>Historical REC:</b> This area was utilized as a historical disposal site for waste materials generated from the assembly and painting operations. Waste materials, including waste solvents, were disposed of, buried and burned in this area from early plant operations until approximately 1945. Subsurface contamination was identified during investigation activities in the area for which actions were taken to remediate the area. The Response Action Final Completion Report completed for Areas A and B was accepted by the MPCA on April 20, 1993. On July 8, 1993, TCAP was de-listed from the Permanent List of Priorities (PLP).
13.	Former Disposal Area C	2A	South of the Steam Plant	<b>Historical REC:</b> This area was utilized as a historical disposal site for waste materials generated from the assembly and painting operations. The area was utilized as a disposal site from early plant operations until approximately 1965. Impacted soils from Areas A and B were deposited here along with paint sludge and wastes. Fill materials and concrete blocks were also deposited and buried in this area. Ford Motor Company proposed no further action for Area C in the February 15, 1991 "RI/FS Work Plan." The MPCA approved the Work Plan in a letter dated January 16, 1991 and Area C was delisted from the Minnesota PLP along with Areas A and B on July 8, 1993.
41.	Former Fuel Oil UST	2E	South of Steam Plant	<b>Historic REC:</b> The 26,500 gallon UST located south of the steam plant was installed in approximately 1950 and was closed in place in 1990. A release was reported from the UST in 1990 during its in place closure (Leak 3262). PEER Environmental completed subsurface investigation activities in the area of the fuel oil UST and determined that no additional corrective actions were necessary. The MPCA issued a closure for the release in 1994.

Notes:

**Historical Recognized Environmental Condition** - an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an historical recognized environmental condition and included in the findings section of the Phase I Environmental Site Assessment report. The environmental professional shall provide an opinion of the current impact on the property of this historical recognized environmental condition in the opinion section of the report. If this historical recognized environmental condition is determined to be a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted, the condition shall be identified as such and listed in the conclusions section of the report. (Definition from ASTM Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* .)

This table should be reviewed in conjunction with Figures 2A through 2F of the June 2007 Phase I ESA Report.

**Table 1C**  
**Summary of Areas of Interest**  
**Ford Motor Company**  
**Twin Cities Assembly Plant**  
**June 2007**

Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
12.	Former Railroad Spurs	2A	Along Eastern Portion of Main Assembly Building	<b>Area of Interest:</b> Railroad spurs were utilized for the delivery and loading of parts and other items to and from the assembly plant via rail cars. Based on their historic use the former railroad spurs represent an Area of Interest.
24.	Unleaded Gasoline USTs	2C	West of the Warehouse	<b>Area of Interest:</b> Two 20,000 gallon unleaded gasoline USTs are utilized in conjunction with the fluid fill operations on the assembly line. The USTs are STI-P3 construction with cathodic protection. A review of available documentation indicated that there were no reported releases from the USTs. In addition, the USTs are situated within a concrete containment berm, which is covered with earthen material to enclose the USTs. Once these USTs are no longer in use the area will be addressed in accordance with applicable regulations. Since the USTs contain petroleum products the USTs and associated piping are considered an Area of Interest.
27.	Oil/Water Separator and Trench	2B	North of the Packer Building	<b>Area of Interest:</b> Approximate 3,000 gallon oil/water separator which collects an oil/water mixture from a 100 foot long collection trench. Since this subsurface structure collects an oil and water mixture and the integrity of the structure could not be inspected it is considered an Area of Interest. Once the oil/water separator has been emptied and cleaned, the integrity of the structure will be evaluated. Since the oil/water separator and trench manages oily water the oil/water separator and trench is considered an Area of Interest.
35.	Waste Solvent USTs	2D	West of the Hazardous Waste Storage Building	<b>Area of Interest:</b> Two 10,000 gallon USTs that store used purge solvent and cleaning solvent generated from the painting process at TCAP. The USTs are of steel construction with cathodic protection. These USTs were installed in an area previously impacted by a release of solvents from historical USTs located in the area (feature 36). In addition, the USTs are situated within a concrete containment berm, which is covered with earthen material to enclose the USTs. Once these USTs are no longer in use the area will be addressed in accordance with applicable regulations. Since the USTs contain hazardous substances the USTs are considered an Area of Interest.
44.	Wastewater Collection ASTs	2E	North of the Wastewater Treatment Building	<b>Area of Interest:</b> Three approximate 139,000 gallon wastewater treatment tanks are utilized to store and treat process wastewater generated by the assembly and painting processes at TCAP. The phosphate process generates the majority of the wastewater at TCAP, which contains heavy metals. No releases have been reported from the wastewater collection ASTs and the ASTs were visually observed to be in good condition during site reconnaissance activities. However, since the ASTs contain and hold process industrial wastewater prior to and during treatment, the ASTs represent an Area of Interest.
47.	Former Coal Operations	2B	East of Main Assembly	<b>Area of Interest:</b> The coal hopper building was utilized to store coal for use at the steam plant. Coal was delivered via rail and was transferred into the coal hopper building for storage. A tunnel connecting the coal hopper building and the steam plant runs beneath the main assembly plant, which was utilized to transfer the coal from the hopper to the steam plant. The coal was stored within the coal hopper building. Based on the former use of the coal this area is considered an Area of Interest.
53.	Transformers 12A and 12B	2B	F2	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
55.	Substation	2B	J26	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
56.	Transformers 6, 10, and 10A	2B	L34	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
57.	Transformers 3 and 9	2B	AA17	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
58.	Transformer #7	2C	Warehouse	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
60.	Former Railroad Spur	2B and 2C	G1-G23; L1-L41	<b>Area of Interest:</b> Railroad spurs were utilized for the delivery and loading of parts and other items to and from the assembly plant via rail cars. Based on their historic use the former railroad spurs represent an Area of Interest.

**Table 1C  
Summary of Areas of Interest  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

<b>Feature Number</b>	<b>Recognized Environmental Condition</b>	<b>Ref. Figure</b>	<b>Location</b>	<b>Rationale</b>
64	Bascale Bridges	2B and 2C	G35 G56-G57	<b>Area of Interest:</b> Used to raise/lower the bridge across railroad spur to facilitate movement of the railroad cars along the spur. Further evaluation of the integrity of these features will be conducted after they are no longer in service.
67	Production Hydraulic Lifts	2B	A7; K30; K31; Rattle Shack	<b>Area of Interest:</b> In-ground hydraulic lifts associated with the assembly operations contain hydraulic fluid. Visible heavy staining or leakage was not observed near the production hydraulic lifts identified. Further evaluation of the integrity of these features will be conducted after they are no longer in service. Since the production hydraulic lifts contain petroleum products they are considered an Area of Interest.
68	Battery Charging Trenches	2B	Q17-R17	<b>Area of Interest:</b> The battery charging trenches are utilized to collect spillage relating to battery charging operations. Moderate spillage and leakage of battery acid was observed within the trenches during site reconnaissance activities. The interior integrity of the trenches was unable to be determined. Once the trenches have been emptied and cleaned, the integrity of the structures will be evaluated. Based on the use of the trenches and moderate staining observed they represent an Area of Interest.
89	Oil/Water Separators	2B and 2C	AA7-AA8; B42; M34; P15; Q5	<b>Area of Interest:</b> Oil/water separators manage oily water associated with unknown systems; cleaning cart operations and other operations in the plant. Since the oil/water separators manage and contain oily water and the interior integrity of the oil/water separators is unknown they represent an Area of Interest. Once the oil/water separators have been emptied and cleaned, the integrity of the structures will be evaluated..
93	Sump	2B	J15	<b>Area of Interest:</b> Sump manages water associated with an unknown system. Once the sump has been emptied and cleaned, the integrity of the structure will be evaluated. Since the sump manages water associated with an unknown system the sump is considered an Area of Interest.
94	Tank Farm Trenches	2B	Q17-R18	<b>Area of Interest:</b> Trenching is used as a utility pipe chase for tank loading and unloading and appears to drain to pits labeled as confined space. Trenches and pits act as secondary containment for ASTs (feature 54). Minimal to moderate staining was visually apparent in the tank farm trenches. Once the trenches have been emptied and cleaned, the integrity of the structures will be evaluated.
97	Former Pits	2B and 2C	A7; B27; B28; C24; C40; C25; D18; F26; F28; G2; L27; M2; N31; P2;	<b>Areas of Interest:</b> Several former pits were identified in portions of the main assembly plant for which the former purpose is unknown. Steel plates covered some of the former pit locations while others were identified on historical drawings. It is possible that the former pits may have been associated with historical operations, such as former painting or plating operations. The interiors of the pits could not be inspected; therefore, it is unknown as to the contents or integrity of the pits. Once the pits have been emptied and cleaned, the integrity of the structures will be evaluated. Based on the unknown or potential use of the former pits identified they are considered Areas of Interest.
98	Vaults	2B	H3	<b>Area of Interest:</b> Four unknown use vaults are located next to a conveyor line and are covered with metal lids. Once the area is no longer in use the integrity of the vaults will be evaluated. Since the use of the covered vaults is unknown they are considered an Area of Interest.
107	Fluid Fill Area	2B	A8-A18	<b>Area of Interest:</b> The fluid fill area is in the portion of the main assembly plant where vehicle fluids and gasoline are placed in new vehicles. A review of available documentation indicated that there were no reported releases in this area. Minimal to moderate areas of staining were observed on the concrete floor from fluid filling operations. Based on field observations the fluid fill area is considered an Area of Interest.
108	Hydraulic Lifts	2D	Paint Building	<b>Area of Interest:</b> In-ground hydraulic lifts are located throughout the paint building. Further evaluation of the integrity of these features will be conducted after they are no longer in service. No visible staining or leakage was observed near the hydraulic lifts during the site reconnaissance activities. Since the lifts contain hydraulic fluids the lifts are considered an Area of Interest.
110	Transformers 20A and 20B	2D	Paint Building Penthouse	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
111	Transformers 21A, 21B and 21C	2D	Paint Building Penthouse	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.

**Table 1C  
Summary of Areas of Interest  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Recognized Environmental Condition	Ref. Figure	Location	Rationale
112.	Transformers 22A and 22B	2D	Paint Building Penthouse	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
113.	Transformers 23A and 23B	2D	Central Exhaust Fans	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
114.	Transformers 24A and 24B	2D	Central Exhaust Fans	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have been retrofitted with non-PCB containing oil. No staining or leakage was visually apparent near the transformers during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
117.	Phosphate System Trench	2D	A3-A19	<b>Area of Interest:</b> Trenching is utilized for housekeeping purposes as well as for draining the various stages of the phosphate system (1,000x1x1). Floor drains are located throughout the trenching and gravity drain to the wastewater treatment plant. Heavy metals are utilized in the phosphate system and are contained in the discharge from the phosphate system, which are fed through underground piping to the wastewater treatment plant. According to TCAP personnel the integrity of this underground piping system has not been inspected or tested since its installation in 1985. Once the trenches have been emptied and cleaned, the integrity of the structures will be evaluated. Based on the use of the trench system it is considered an Area of Interest.
120.	Paint Sludge Pit Sump	2D	Southwestern Portion of Paint Sludge Pits	<b>Area of Interest:</b> This sump collects excess water from paint booths and condensation in the surrounding drain tile around the paint sludge pits. The sump discharges into the paint sludge pits. Once the sump has been emptied and cleaned, the integrity of the structure will be evaluated. Since the sump manages hazardous paint waste the sump is considered an Area of Interest.
134.	Wastewater Treatment Area	2E	Wastewater Treatment Plant	<b>Area of Interest:</b> The wastewater treatment area houses operations including transferring, containing, storing, and treating process wastewater generated from the assembly process. Based on current and historic use this area is considered an Area of Interest.
136.	Former Transformers #11 and #11A	2E	Western Portion of Steam Plant	<b>Area of Interest:</b> Based on information provided by TCAP personnel and as indicated in documentation reviewed these transformers were formerly PCB-containing electrical transformers. The transformers have since been removed. No staining or leakage was visually apparent near the former transformer location during the site reconnaissance. Based on the previous use of PCB-containing oils this area is considered an Area of Interest.
139.	Potential Battery Waste Disposal Area	2A	Baseball Diamonds	<b>Area of Interest:</b> Based on documentation reviewed the area was allegedly used for disposal of battery waste. The MPCA proposed to complete a geophysical study in the area; however, no documentation pertaining to additional investigations into the alleged battery waste area was found. No visual indications of stressed vegetation or staining was identified in the area of the baseball diamonds during site reconnaissance activities.
149.	Flow Stone	2F	Easternmost Portion of Gas Tunnel	<b>Area of Interest:</b> The floor and walls of the gas tunnels consist of sandstone. At the east end of the gas tunnel, water was observed to be leaking in from the main assembly building above creating flow stone on the walls within the gas tunnel. The water leaking into the gas tunnel may be weld water and therefore is considered an Area of Interest.
151.	Potential Creosote Film/Staining	2F	Sand Tunnels 1st S, 2nd S, 5th N, 4th N, 2nd N, 10th N, 9th N and 8th N	<b>Area of Interest:</b> Several of the mined sand tunnels contain old railroad ties (with a limited number having rails still attached to them) which were used to transport the mined sand from the tunnels for use in the glass manufacturing operations in the main assembly building. A number of these tunnels have had or currently have standing water in them and a potential creosote film/staining was observed in these areas. Creosote is used in railroad ties to preserve the wood. The film/staining was observed to be dark brown to black in color.

Notes:

**Area of Interest** - a condition or feature that currently exists or had existed at the subject property that will be further inspected, evaluated or investigated.

This table should be reviewed in conjunction with Figures 2A through 2F of the June 2007 Phase I ESA Report.

**Table 2  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
<b>EXTERIOR FEATURES</b>						
1.	Former Test Track	3A	Eastern Portion of TCAP Property	The former test track was historically used to test vehicles. The test track was sprayed with oil as dust control.	Prior to 1953 until no later than 1974	Interviews with TCAP personnel and review of historical aerial photographs.
2.	Former Location of Gasoline & Diesel USTs - Removed 1993	3A	Southeast of Training Facility	Former USTs were utilized to fill vehicles. Refer to Table 3.	1977 to 1993	American Engineering Testing, Inc. (AET) Phase II Environmental Site Assessment – Proposed Ford Motor Company/UAW/State of Minnesota Training Facility, St. Paul, Minnesota, Dated June 18, 1997 and CRA Development Response Action Plan Training Center Construction, Ford Motor Company Twin Cities Assembly Plant, St. Paul, Minnesota, Dated February 1998.
3.	Former Convoy UST	3A	Located Approximately 200 Feet East of the Training Facility	Former UST was utilized to fill vehicles. Refer to Table 3.	Unknown to 1992	Historical records from Ford Land and EDR Report.
4.	Former Area of Impacted Soil - Leak #10700	3A	Former Located in the Area Beneath the Westernmost Portion of the Current Training Center	Former area in which remedial excavation activities occurred in conjunction with the construction of the current training center. Soil impact was identified in the area as a result of gasoline and diesel fuel leakage from product lines was reported on June 30, 1997. Impacted soils were removed. The release received closure on February 27, 1998. The release was reopened due to a second release from the area being reported in 2005. The MPCA issued a re-closure letter on September 22, 2005.	1997 to 1998 and 2005	American Engineering Testing, Inc. (AET) Phase II Environmental Site Assessment – Proposed Ford Motor Company/UAW/State of Minnesota Training Facility, St. Paul, Minnesota, Dated June 18, 1997 and CRA Development Response Action Plan Training Center Construction, Ford Motor Company Twin Cities Assembly Plant, St. Paul, Minnesota, Dated February 1998. EDR Report for TCAP dated March 9, 2007
5.	Former Location of Gasoline & Diesel Fuel Underground Piping	3A	Along Northern Portion of Main Assembly Building Beneath Current Training Center and Employee Parking Lot	Underground steel piping formerly utilized in conjunction with former gasoline and diesel fuel USTs (feature 2) which were removed in 1993. Some areas of piping may still be in place below the ground surface. A release occurred from the piping which impacted subsurface soils (feature 4) and, therefore, remedial activities completed in the area of the piping included soil removal.	1977 to 1993	American Engineering Testing, Inc. (AET) Phase II Environmental Site Assessment – Proposed Ford Motor Company/UAW/State of Minnesota Training Facility, St. Paul, Minnesota, Dated June 18, 1997 and CRA Development Response Action Plan Training Center Construction, Ford Motor Company Twin Cities Assembly Plant, St. Paul, Minnesota, Dated February 1998.
6.	Diesel Meter Shack	3A	Near Northwestern Portion of Main Assembly Building in Employee Parking Lot	AST is utilized for fire suppression system. Refer to Table 4.	Unknown to Present	Site walk completed March 2007 and based on interviews with TCAP personnel.
7.	Railroad Spurs	3A	Central and Southern Portions of TCAP Property	Railroad spurs are utilized for the delivery and loading of parts and other items to and from the assembly plant via rail cars. In addition, railcars are used to transfer final products to their retail destinations.	Unknown to Present	Site walk completed March 2007 and aerial photographs.
8.	Former Hazardous Waste Storage Area	3A	Southwest of the Paint Building	Historical hazardous waste storage area.	Unknown	Historical records maintained by Ford Motor Company.
9.	Former Disposal Area A	3A	Southwest of the Paint Building	This area was utilized as a historical disposal site for waste materials generated from the assembly and painting operations. Waste materials, including waste solvents, were disposed of in this area. This area was remediated in 1992-93 and received closure from the MPCA in July 1993.	1946 through 1960	Interviews with TCAP personnel, Revised Draft Remedial Investigation/Alternatives Analysis (RI/AA) Report for the Twin Cities Assembly Plant (TCAP) completed by Conestoga-Rovers and Associates, Inc. in May 1992.
10.	Former Hazardous Waste Storage Area	3A	Near Packer Building	Historical hazardous waste storage area.	Unknown	Historical records maintained by Ford Motor Company.
11.	Former Disposal Area B	3A	Southeast of the Main Assembly Building	This area was utilized as a historical disposal site for waste materials generated from the assembly and painting operations. Burning and burial of plant waste occurred in this area. This area was remediated in 1992-93 and received closure from the MPCA in July 1993.	Early plant operations until 1945	Interviews with TCAP personnel, Revised Draft Remedial Investigation/Alternatives Analysis (RI/AA) Report for the Twin Cities Assembly Plant (TCAP) completed by Conestoga-Rovers and Associates, Inc. in May 1992.
12.	Former Railroad Spurs	3A	Along Eastern Portion of Main Assembly Building	Historical railroad spurs were utilized for the delivery and loading of parts and other items to and from the assembly plant via rail cars. In addition, railcars were used to transfer final products to their retail destinations.	Unknown	Aerial photographs and 1985_2_1_Vicinity Site Plan_Ford.
13.	Former Disposal Area C	3A	South of the Steam Plant	This area was utilized as a historical disposal site for waste materials generated from the assembly and painting operations. Impacted soils from Areas A and B were deposited here along with paint sludge and wastes. Fill materials and concrete blocks were also deposited and buried in this area. The MPCA delisted Former Disposal Area C in July 1993.	Early plant operations until 1965	Interviews with TCAP personnel, Revised Draft Remedial Investigation/Alternatives Analysis (RI/AA) Report for the Twin Cities Assembly Plant (TCAP) completed by Conestoga-Rovers and Associates, Inc. in May 1992.
14.	Storm Water Outfall 002	3A	Southwest of Steam Plant	Outfall 002 regulated under NPDES permit discharges into the Mississippi River.	Unknown to Present	Interviews with TCAP personnel and review of NPDES permit documentation.

**Table 2  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
15.	Storm Water Outfall 001	3A	Approximately 500 Feet Southwest of TCAP Property in Hidden Falls Regional Park	Outfall 001 regulated under NPDES permit discharges into the Hidden Falls Regional Park. Combines with storm water from residential and commercial properties prior to being discharged. Release associated with former solvent USTs occurred from this outfall.	Unknown to Present	Interviews with TCAP personnel and review of NPDES permit documentation.
16.	Former Gasoline, Sunoco Spirits and Pyroxlin Thinner USTs	3B	East of Central Engineering Office	Two former 20,000 gallon gasoline USTs were located east of the former oil house and eight 6,000 gallon gasoline, Sunoco spirits and pyroxlin thinner USTs were located north of the former oil house, which were utilized in conjunction with the former paint operations that occurred within the main assembly building. Refer to Table 3.	Prior to 1952 - unknown removal date	1952_9_17_Factory Insurance Association_Ford (Site Plan).
17.	Refrigerant AST	3B	East of Central Engineering Office	The AST is utilized during fluid fill operations on assembly line. Refer to Table 4.	1969 to Present	Site walk completed March 2007 and TCAP personnel.
18.	Product Loading Area	3B	South of Former Oil House	Product loading area for chemical products contained in the twelve fluid fill ASTs located within the former oil house.	Unknown to Present	Site walk completed March 2007 and TCAP personnel.
19.	Former Propane UST Area	3B	South of Former Oil House Along Eastern Portion of Main Assembly Plant	Former 30,000 gallon propane USTs were utilized for power back up. Relocated in 1999 to south of steam plant. Refer to Table 3.	Unknown	Documentation maintained at TCAP, interviews with TCAP personnel and Unknown date_Master Site Plan Utilities_MSP-1A_Albert Kahn.
		3D	Southeast of Incinerator	Former propane USTs were utilized for power back up. Refer to Table 3.	Unknown	Figures and documentation maintained at TCAP.
20.	Former Oil Fill Area	3B	Northeast of the Hopper House	Former oil fill location indicated on historical drawings.	Unknown	Historical site plan drawings maintained at TCAP.
21.	1996 Glycol Release From Underground Piping	3B	Along Eastern Portion of Main Assembly Building	Underground piping formerly utilized to transfer glycol. Release of glycol occurred from the piping and remedial activities were conducted.	1996	Documentation maintained at TCAP.
22.	Diesel Fuel AST	3C	Near Northwestern Portion of Packer Building	AST is utilized to fuel diesel equipment. Refer to Table 4.	Unknown to Present	Site walk completed March 2007 and interview with TCAP personnel.
23.	Former Brake Fluid UST	3C	Southwest Corner of Main Assembly Building	Formerly utilized in fluid fill operations. Refer to Table 3.	1968 to 1990	Historical drawings maintained by TCAP.
24.	Unleaded Gasoline USTs	3C	West of the Warehouse	Utilized in current fuel fill operations on main assembly line. Refer to Table 3.	1992 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
25.	Fire Suppression Diesel Fuel AST	3C	East of Warehouse in Diesel Shack	AST is utilized in conjunction with fire suppression. Refer to Table 4.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
26.	Bulk Fluids Transfer: Gasoline	3C	West of the Warehouse	Product loading area for two unleaded gasoline USTs.	1992 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
27.	Oil/Water Separator and Trench	3B	North of the Packer Building	Approximately 3,000 gallon oil/water separator that collects oil/water mixture from 100 foot long collection trench.	Unknown to Present	Site walk completed March 2007 and interview with TCAP personnel.
28.	Phosphate Unloading Area	3D	Near the Northeastern Portion of the Paint Building	Unloading area for phosphate is utilized in the phosphate process in the paint building.	1985 to Present	Site walk completed March 2007 and interview with TCAP personnel.
29.	Bulk Fluids Unloading Area	3D	Near the Northeastern Portion of the Paint Building	Unloading area for sodium hydroxide and bonderite which are utilized in the painting process.	1985 to Present	SWPPP.
30.	Sulfuric Acid AST	3D	Near the Northeastern Portion of the Paint Building	Sulfuric acid is utilized in cleaning of phosphate system. Refer to Table 4.	2003 to Present	Site walk completed March 2007 and interview with TCAP personnel.
31.	E-Coat Dump Tanks	3D	Near the Southeastern Portion of the Paint Building	Two dump tanks, currently empty, are only utilized when E-coat system is being cleaned. Refer to Table 4.	1985 to Present	Site walk completed March 2007, interview with TCAP personnel and documentation maintained by TCAP.
32.	Phosphate Dump Tank	3D	Near the Southeastern Portion of the Paint Building	One dump tank, currently empty, are only utilized when phosphate system is being cleaned. Refer to Table 4.	1985 to Present	Site walk completed March 2007, interview with TCAP personnel and documentation maintained by TCAP.
33.	Dump Tank Underground Piping	3D	Near the Southeastern Corner of the Paint Building	Underground piping is utilized to transfer contents of phosphate and E-coat process tanks for storage during periodic cleaning of the process tanks.	1985 to Present	Site walk completed March 2007, Interviews with TCAP personnel, 1984_05_10_Key Plan/Plan and Sections(M-53)_Albert Kahn, 1992_08_04_Waste Solvent Storage-Misc Details_TKDA, 1992_08_04_Waste Solvent Storage-Structural Details_TKDA, 1992_08_04_Waste Solvent Storage-Tank Farm_TKDA, 1992_08_04_Waste Solvent Storage-Misc Details(M-3)_TKDA.
34.	Hazardous Waste Storage Building	3D	Hazardous Waste Storage Building	Storage building for hazardous wastes generated through the assembly process, which are stored in a hazardous materials building constructed with concrete secondary containment.	1985 to Present	Site walk completed March 2007 and information provided by TCAP personnel.
35.	Waste Solvent USTs	3D	West of the Hazardous Waste Storage Building	Two USTs are used to store purge and cleaning waste solvents generated from the painting process. Refer to Table 3.	1992 to Present	Site walk completed March 2007, documentation maintained by TCAP and information provided by TCAP personnel.

**Table 2  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
36.	Former Bulk Storage & Waste Solvent USTs	3D	West of the Hazardous Waste Storage Building	Four USTs formerly used to store waste solvent and bulk solvent that was utilized and generated by the painting process. Refer to Table 3.	1984 to 1992	Interviews with TCAP personnel, 1983_10_25_Solvent Tank Farm Layout_Albert Kahn and CRA Revised Draft Remedial Investigation/Alternatives Analysis (RI/AA) May 1992.
37.	Solvent UST Underground Piping	3D	South of Paint Building	Piping is utilized to collect solvent waste generated during the painting process and is then transferred to the used solvent USTs located south of the paint building. Additional piping is utilized to transfer the used solvents from the USTs to unloading ports near the southwestern portion of the paint building for removal. The portion of the underground piping located between the building and USTs consists of double walled steel piping. The piping is located within a concrete utility trench with the exception of a section of the piping extending from the top of the USTs, down to the trench.	1985 to Present	Interviews with TCAP personnel and 1983_10_25_Solvent Tank Farm Layout_Albert Kahn.
38.	Waste Purge & Cleaning Solvent Loading/Solvent Unloading	3D	South of Paint Building	Loading and unloading area for waste solvents generated by the painting process and solvents which are utilized in the painting process.	1985 to Present	Site walk completed March 2007 and interview with TCAP personnel.
39.	Propane USTs	3E	South of Steam Plant	Propane is used for fuel backup. Refer to Table 3.	1999 to Present	Figures and documentation maintained at TCAP.
40.	Nitrogen AST	3D	Southeast of Incinerator	Nitrogen AST. Refer to Table 4.	1990 to Present	Figures and documentation maintained at TCAP.
41.	Former Fuel Oil UST	3E	South of Steam Plant	Former fuel oil UST. Refer to Table 3.	1924 to 1990	Documentation maintained at TCAP and EDR Report.
42.	Former Fuel Oil ASTs	3E	South of Steam Plant	Former fuel oil ASTs. Refer to Table 4.	1951 to 2000	Documentation maintained at TCAP and EDR Report.
43.	Bulk Fluid Transfer: Boiler Chemicals	3E	Along Southeast Corner of Steam Plant	Bulk fluid loading area for boiler chemicals.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
44.	Wastewater Collection ASTs	3E	North of the Wastewater Treatment Building	Three process water treatment tanks. Refer to Table 4.	1984 to Present	Site walk completed March 2007.
45.	Tri-level Ramp Hydraulic Lifts	3D	Railroad / Tri-Level Loading Area	Six aboveground hydraulic lifts. Refer to Table 5.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
46.	Sump within Solvent UST Basin	3D	Northwestern Corner of the Solvent UST Basin	Collection of groundwater from solvent UST basin which gets pumped to paint sludge pits.	1992 to Present	May 1992 Remedial Investigation/Alternatives Analysis Report completed by Conestoga-Rovers & Associates Limited (CRA).
47.	Former Coal Operations	3B	East of Main Assembly	The coal hopper building was utilized to store coal for use at the steam plant. Coal was delivered via rail and was transferred into the coal hopper building for storage. An tunnel connecting the coal hopper building and the steam plant runs beneath the main assembly plant, which was utilized to transfer the coal from the hopper to the steam plant.	1924 until Unknown	Site walk completed March 2007, aerial photographs, and interviews with TCAP personnel.
139.	Potential Battery Waste Disposal Area	3A	Baseball Diamonds	Based on documentation reviewed the area was allegedly used for disposal of battery waste.	Prior to 1954	Historical documentation received from MPCA.
140.	Former Waste Disposal Area	3A	North of Steam Plant	In what appears to be an isolated disposal incident in 1966, paint waste solvent and sludge was disposed of north of the steam plant.	1966	Historical documentation received from MPCA.
152.	Former Fuel Oil UST	3D	East of Central Engineering Office	Former fuel oil UST. Refer to Table 3.	Unknown	Historical drawings maintained by TCAP.
<b>MAIN ASSEMBLY</b>						
48.	Bulk Storage Areas	3B-3C	Storage Areas are Located Throughout the Main Assembly Building. Refer to Table 5.	Refer to Table 5.	Unknown to Present	Site walk completed March 2007.
49.	Former Hazardous Waste Storage Area	3B	Along Eastern Portion of Main Assembly Building	Historical hazardous waste storage area.	Unknown	Historical documentation maintained at TCAP.
50.	Used Oil AST	3B	East of Central Engineering Offices	Used oil storage tank. Refer to Table 4.	Unknown to Present	Site walk completed March 2007 and interviews with TCAP personnel.
51.	Lye AST	3B	East of Central Engineering Offices	Lye AST. Refer to Table 4.	Unknown to Present	Site walk completed March 2007 and interviews with TCAP personnel.
52.	Fluid Fill AST Tank Farm	3B	East of Central Engineering Offices	Tank farm containing twelve ASTs which are utilized to store vehicle fluids. Refer to Table 4.	1932 to Present	Site walk completed March 2007, interviews with TCAP personnel and historical documentation and drawings maintained at TCAP.
53.	Transformers 12A and 12B	3B	F2	Electrical transformers - formerly PCB-containing. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007.

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54.	Substation	3B	Cafeteria Basement	Substation includes 5 transformers which were formerly PCB containing. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils. The capacity of the transformers are as follows: Transformer 1- 364 gallons, Transformer 2 - 456 gallons, Transformer 2A - 456 gallons, Transformer 6 - 581 gallons, and Transformer 8 - 270 gallons. In 1983 there was a one quart spill of PCB containing oil at the substation which was inspected by MPCA personnel and deemed adequately cleaned with acceptable MPCA limits. Additionally, according to TCAP personnel, three transformers that are not recorded in documentation were installed as power backup for a flood which occurred during 1965. One of the three transformers was observed to be leaking oil, which may potentially contain PCBs, based on the timeframe of installation.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
55.	Substation	3B	J26	Substation includes 4 transformers which were formerly PCB containing. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils. The capacity of the transformers are as follows: Transformer 4- 365 gallons, Transformer 4A - 351 gallons, Transformer 5 - 365 gallons, Transformer 5A - 541gallons.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
56.	Transformers 6, 10, and 10A	3B	L34	Transformers 6, 10, and 10A were formerly filled with PCB-containing oil. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
57.	Transformers 3 and 9	3B	AA17	Transformer 3 and 9 formerly contained 302 and 364 gallons of PCB-containing oil, respectively. By 1999 the transformers were retrofitted or replaced with on-PCB containing oil.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
58.	Transformer #7 (Roof Level Penthouse)	3C	Warehouse	Electrical transformer #7 formerly contained 290 gallons of PCB-containing oil. By 1999 the transformer was retrofitted or replaced with non-PCB containing oil.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
59.	Railroad Spur	3B and 3C	G23-G40 P29-P41 AA56-G56	Railroad spur installed for load and unload of various vehicle components. Areas of staining were identified within the spur beds.	Unknown to Present	Site walk completed March 2007.
60.	Former Railroad Spur	3B and 3C	G1-G23 L1-L41	Railroad spur installed for load and unload of various vehicle components.	Unknown	Historical documentation maintained at TCAP.
61.	Repair Hydraulic Lifts	3B-3C	G2 - N4 Packer Building (North End) Q17 Q18	Lifts vehicle body to facilitate working under vehicles for repair. Refer to Table 6 for details.	Unknown to Present	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
62.	Dock Levelators	3B-3C	Q9 P7 B50-E50; G55	Hydraulic lift for semi-trailer loading/unloading operations. Refer to Table 6 for details.	Unknown to Present	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
63.	Portable Hydraulic Lift	3B	Railroad / Tri-Level Loading Area	Hydraulic lift for finished vehicle loading/unloading operations into railroad cars. Refer to Table 6 for details.	Unknown to Present	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
64.	Bascale Bridges	3C	G35 G56-G57	Raises/lowers the bridge across railroad spur to facilitate movement of the railroad cars along the spur. Refer to Table 6 for details.	Unknown to Present	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
65.	Production Hydraulic Lifts	3B	L14 M28 M29	One Marmac elevator/lift was observed in the northeastern portion of the main building. The elevator is utilized to transfer metal bodies and painted bodies to and from main assembly and paint. Refer to Table 6 for details. Lifts cab pallets (skids) to facilitate placement of vehicle body onto skid for processing operations. Refer to Table 6 for details. Lifts cab pallets (skids) from Main Assembly Building Main Level to Mezzanine Level for temporary storage. Refer to Table 6 for details.	Unknown to Present	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
66.	Elevator to Paint	3B	L14	One Marmac elevator/lift was observed in the northeastern portion of the main building. The elevator is utilized to transfer metal bodies and painted bodies to and from main assembly and paint. This Marmac elevator was observed to be leaking hydraulic fluid into the concrete surrounding the piston (standing oil) and on the surrounding ground surface.	Unknown to Present	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.



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67.	Production Hydraulic Lifts	3B	K31	Lowers vehicle skids from Main Assembly Building Mezzanine Level to Main Level following assembly (body) operations.	Unknown to Present	Site walk completed March 2007.
			K30	Lowers vehicle skids from Main Assembly Building Mezzanine Level to Main Level following paint building operations.		
			A7	Lifts vehicle body to facilitate working under vehicles for repair.		
			Rattle Shack (West of Rumble Strip)	Lifts vehicle for Shake, Rattle, and Roll testing.		
68.	Battery Charging Trenches	3B	Q17-R17	Housekeeping trenches are used for collection of spills related to battery charging operations. Staining was observed in the trench system.	Unknown to Present	Site walk completed March 2007.
69.	CMM Pit	3B	N6	Pit houses the isolation pad for the CMM work as well as a hydraulic tank for the CMM machine.	Unknown to Present	Site walk completed March 2007.
70.	Containment Pit	3B	P14-P15	Containment Pit includes oil collection/belt skimmer system, sump lift stations, and housekeeping trenches to channel and collect spills.	Unknown to Present	Site walk completed March 2007.
71.	Conveyor Pit	3B-3C	Q4, G1-O1, G2-M2, G3-M3	Pits house floor level conveyor, associated chain, rails, electrical conduit, and/or conveyor drive mechanism.	Unknown to Present	Site walk completed March 2007.
			G7, B8-C8, B16, C16-D16			
			E21-F21, C22-E22, C26-C27			
			AA27-AA33, AA32-AA34			
			AA30-AA33, M28, M29			
			C35-D35, A36-A41			
			AA35-AA41, D7-E7			
AA6-D6						
72.	Cooling Tower Recirculation Pits	3B	P29	Weld water is cooled and recirculated through these pits. Cooling tower chemicals (biocide, fungicide) are added at this point.	Unknown to Present	Site walk completed March 2007.
73.	Cylinder Pit	3B	E4-E5	Pit houses subgrade cylinders (16) and auxiliary equipment in roll and brake test area.	Unknown to Present	Site walk completed March 2007.
74.	Lye Tank Building Floor Drains	3B	P15	Two floor drains were observed, one near a lye/caustic tank and the other in a small wash bay. The two drains discharge to the wastewater treatment plant.	Unknown to Present	Site walk completed March 2007.
75.	Electrical Trench	3B	AA19 (Outside Conveyor System)	Electrical Trench houses all electrical conduit and conductors to provide power to the nearby equipment.	Unknown to Present	Site walk completed March 2007.
76.	Electrical and Housekeeping Trenches	3B	AA7-AA30	Electrical trench houses all electrical conduit and conductors to provide power to the nearby equipment. Housekeeping trench is used for housekeeping purposes.	Unknown to Present	Site walk completed March 2007.
77.	Equipment Trench	3B-3C	E12, F32, F33,A37	Trench is used as equipment pad.	Unknown to Present	Site walk completed March 2007.
			E32-E34, E17-E18			
78.	Exhaust Pits	3B	F4-F5	Exhaust pits are utilized during QA/QC testing of finished trucks. During this testing process, the trucks are hooked to computers and driven in place with their wheels on stationary rollers for testing, and the exhaust is diverted into the pits.	Unknown to Present	Site walk completed March 2007.
79.	Floor Drain	3C	Northwestern Portion of the Packer Building	Collection of wash water from vehicle wash operations. Discharges to WWTP.	Unknown to Present	Site walk completed March 2007.
80.	Glass Basement	3B	L17	Basement formerly used for the storage of molten glass. Staining observed in the western portion of the basement, originating from leaking machinery above. Also, green staining observed on concrete floor surface in eastern portion of basement.	1924 through Unknown	Site walk completed March 2007.
81.	Groundwater Collection Sump	3B	L15 - L18 (Parts Storage) (Former Glass Processing Operations)	Collects water from glass basement storage area and is pumped via sump pump to wastewater treatment facility.	Unknown to Present	Site walk completed March 2007.
82.	Satellite Hazardous Waste Storage	3B	A9, L1, L6, M3, N3	Storage area for hazardous rags, cups, filters, and solvents.	Unknown to Present	Site walk completed March 2007 and information provided by TCAP personnel.
83.	90-Day Hazardous Waste Storage Area	3B	Q16	90-day Hazardous Storage Area.	Unknown to Present	Site walk completed March 2007 and information provided by TCAP personnel.

**Table 2  
Summary of Surface and Subsurface Features  
Ford Motor Company  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
84.	Housekeeping Pit	3C	D43	Pit houses spare pump motor and auxiliary equipment.	Unknown to Present	Site walk completed March 2007.
85.	Housekeeping Trench	3B-3C	M4, M5, P18 A36-A37	Trenching is used for water/debris collection associated with nearby operations.	Unknown to Present	Site walk completed March 2007.
86.	Housekeeping Trenches	3B	M24-M27	Trenching is present around normally wet operations to collect overflow/runoff/spills and prevent spreading throughout the plant. Trenching is blind and is pumped manually as needed. Hydraulic fluids from nearby machinery were observed to be collecting.	Unknown to Present	Site walk completed March 2007.
87.	Leak Test Drain Deck	3B	P3-P4	Water test for integrity of vehicle seals. Water is sprayed onto the vehicle and then is drained to a common sump where it is recirculated through the spray nozzles.	Unknown to Present	Site walk completed March 2007.
88.	Liquid Collection Trench	3B-3C	L24-L27 B23 D39-D42	Trenching is present to collect overflow/runoff/spills and prevent spreading throughout the plant. Trenching is blind and is pumped manually as needed. Trench is used to contain liquids/fluids from machinery, which would include hydraulic fluids and oils.	Unknown to Present	Site walk completed March 2007.
89.	Oil Water Separator	3B-3C	Q5 M34 AA7-AA8 B42 P15	Oil water separator that manages oily water associated with an unknown system. Oil/water separator that manages oily water associated from the cleaning cart operations. Potential oil/water separator - drain is used for water/debris collection associated with cleaning operations. Potential oil/water separator - manhole cover and associated cleanout were observed near a formerly utilized curing oven.	Unknown to Present	Site walk completed March 2007.
90.	Process Equipment Trench	3C	N38-N39	Process equipment with heavy staining and leakage observed on surrounding concrete floor surface.	Unknown to Present	Site walk completed March 2007.
91.	Shake, Rattle & Roll Test Pit	3B	Q3	Pit houses dynamometer cylinder and associated equipment.	Unknown to Present	Site walk completed March 2007.
92.	Sump	3B	P14	Sump for collection of surface water.	Unknown to Present	Site walk completed March 2007.
93.	Sump	3B	J15	Sump that manages water associated with an unknown system.	Unknown to Present	Site walk completed March 2007.
94.	Tank Farm Trenches	3B	Q17-R18	Trenching is used as a utility pipe chase for tank loading and unloading and appear to drain to pits labeled as confined space. Trenches and pits act as secondary containment for ASTs (feature 54).	Unknown to Present	Site walk completed March 2007.
95.	Trim Pit	3B	F17-F18	Work Pit houses all necessary lighting and tools to perform job functions including working under vehicles for repair. Work Pits are intended for human occupancy.	Unknown to Present	Site walk completed March 2007.
96.	Truck Repair Pit	3B	P16	Shallow pit is used for working under vehicles for repair.	Unknown to Present	Site walk completed March 2007.
97.	Former Pit	3B-3C	B27, B28, C24 C25, D18 F26, F28, G2, L27, P2 C40 M2 N31 A7	Steel plate is welded over former pit area. Manhole cover over former pit area. Former pit location identified on historical drawings. Former pit location identified on historical drawings. Former 2x2 deep pit.	Unknown to Present	Site walk completed March 2007. Site walk completed March 2007. Site walk completed March 2007. Ford base map. 1984_12_14_1985 1/2 Ranger Program Pit Removal & Concrete Floor Surfacing Areas 33 and 47(Sheet 16)_Ellis Naeyaert Genheimer Associates, Inc. Ford base map.
98.	Vaults	3B	H3	Four blue square vaults, all screwed closed next to conveyor line.	Unknown to Present	Site walk completed March 2007.
99.	Work Pit	3B-3C	AA6-A7, AA20-AA22, AA34 AA36-AA37, AA39-AA40 A39-A40, D13-D14, F8, G4 B12-13	Work Pit houses all necessary lighting and tools to perform job functions including working under vehicles for repair. Work Pits are intended for human occupancy. Covered knee pits.	Unknown to Present	Site walk completed March 2007.

**Table 2  
Summary of Surface and Subsurface Features  
Ford Motor Company  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
100.	Former Dell-Park Pit	3B	M7	Former location of Dell-Park waste paint sludge collection system.	Unknown	Interview with TCAP personnel and retirees 1961_01_03_Plant Modernization Body Prime & Phosphate Systems Sludge Pit Location, Pipe Sleeves & Pit Ventilation_Ford. Interview with TCAP personnel and retirees. Interview with TCAP personnel and retirees and 1968_04_23_Additions to Small Parts Enamel Spray Booth New Pump and Revisions to Sludge System Piping(Sheet 1M)_Ford.
			G19-G27			
			M22			
101.	Former Sump	3B	A7, A13, J15	Former sump.	Unknown	Ford base map.
102.	Former Engine Line Drain Pits	3C	B36, B38-B39, C36	Former engine line drain pit.	Unknown	1985_06_19_Drain Pits - Engine Line (Sheet 1)_Ford.
103.	Former Nickel Plating Operations	3B	A6-D22	Through interviews with TCAP personnel, nickel plating was indicated to have occurred within the northwestern portion of the main assembly building.	1925 - Unknown	Interviews with TCAP personnel.
104.	Former Paint Operations	3B	L4-N33	Former location of painting operations prior to construction of current paint Building. The paint kitchen operations included the usage, storage and disposal of hazardous materials (paints and solvents).	1925-1985	Interviews with TCAP personnel.
105.	Former Glass Manufacturing Operations	3B-3C	E24-J40	Former location of glass operations.	1926-1959	Interviews with TCAP personnel and documentation maintained at TCAP.
106.	Former Solvent Fire	3B	Former Barrel Storage Area Located West of Former Oil House	A drum of waste solvent in the hazardous barrel storage area had developed a slow leak and was sitting in a small pool of solvent. The solvent was ignited by nearby steel cutting operations. A total of 80 gallons of solvent from the 2 drums was consumed by the fire and approximately 30 gallons were recovered from the 2 drums that were ignited.	1984	U.S. EPA documentation.
107.	Fluid Fill Area	3B	A8 - A18	Portion of the assembly where fluids and gasoline are placed in new vehicles.	Unknown to Present	Site walk completed March 2007.
137.	Former Dispenser Location	3B	O3	Former dispenser area identified on historical drawings. Dispenser area was located outside of the main assembly building at the time of its use. The building has since expanded and covers this former location.	Unknown	1957_12_03_TCAP Property Plot Plan_Ford.
138.	Former 20,000 Gallon AST	3B	South of Former Oil House	A former 20,000 gallon gasoline AST was removed from south of the former oil house as identified during interviews with TCAP personnel. Based on the interviewee, when the AST was removed stained soil and odors were identified. However, actions for remediation of the soil was apparently never completed in the area. It is unknown if the gasoline was leaded or unleaded gasoline.	Unknown	Interview with TCAP personnel.
<b>Paint Building</b>						
108.	Hydraulic Lifts	3D	Refer to Table 6.	In-ground hydraulic lifts that lift and lower vehicles in Paint Shop. Refer to Table 6 for details.	Refer to Table 6.	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
109.	Bulk Storage Area	3D	Refer to Table 5.	Refer to Table 5.	Unknown to Present	Site walk completed March 2007.
110.	Transformer #20A & B	3D	Paint Building Penthouse	Electrical transformer - formerly contained PCB-containing oil. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007.
111.	Transformers #21A, B & C	3D	Paint Building Penthouse	Electrical transformer - formerly contained PCB-containing oil. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007.
112.	Transformers #22A & B	3D	Paint Building Penthouse	Electrical transformer - formerly contained PCB-containing oil. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007.
113.	Transformers #23A & B	3D	Central Exhaust Fans	Electrical transformer - formerly contained PCB-containing oil. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007.

**Table 2  
Summary of Surface and Subsurface Features  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
114.	Transformers #24A & B	3D	Central Exhaust Fans	Electrical transformer - formerly contained PCB-containing oil. By 1999 the transformers were retrofitted or replaced with non-PCB containing oils.	Unknown to Present	Site walk completed March 2007.
115.	Groundwater Sumps	3D	Northwestern Corner of Fan Farm Building Southeastern Corner of the Fan Farm	Collection of groundwater.	1985 to Present	Site walk completed March 2007.
116.	Satellite Hazardous Waste Storage	3D	A18, A19, B19, C11, C16 D2, D12, D16, E17 F11, F14	Storage area for hazardous rags, cups, filters, solvents, and mop heads from miscellaneous paint operations.	Unknown to Present	Site walk completed March 2007 and information provided by TCAP personnel.
117.	Phosphate System Trench	3D	A3-A19	Trenching is utilized for housekeeping purposes as well as for draining the various stages of the phosphate system. Floor drains are located throughout the trenching and gravity drain to the wastewater treatment plant. Heavy metals are utilized in the phosphate system.	1985 to Present	Site walk completed March 2007.
118.	E-coat Trenches	3D	A5-A9, A10-A19, B6-B8	Trenching is utilized for housekeeping purposes as well as for managing various stages of the e-coat system.	1985 to Present	Site walk completed March 2007.
119.	Paint Exhaust Pits	3D	F12, F15	Exhaust for paint pits	1985 to Present	Site walk completed March 2007.
120.	Paint Sludge Pit Sump	3D	Southwestern Portion of Paint Sludge Pits	Collects excess water from paint booths and condensation in the surrounding drain tile. Discharges to paint sludge pits.	1985 to Present	Site walk completed March 2007 and interview with TCAP personnel.
121.	Sludge Pits	3D	Western Portion of Paint Building	Two waste paint sludge pits are used to store paint sludge generated from the painting process. The pits are of concrete construction. Overspray from the painting process is captured by sheeting action of water in trenches underneath the paint booths and sent to the pits where detackifier is added to the waste allowing the paint to settle to the bottom of the pits. For cleaning, the paint sludge pits are drained, sending the water to the WWTP, and the paint sludge is then removed from the pits for proper disposal.	1985 to Present	Site walk completed March 2007 and interview with TCAP personnel.
122.	Paint Tank Storage Pits	3D	F18 and F19	Pits house paint mix pots which are designed for secondary containment purposes.	1985 to Present	Site walk completed March 2007.
123.	Conveyor Pits	3D	E13-E16	Conveyor pits associated with tu-tone painting.	1985 to Present	Based drawing provided by TCAP.
124.	Wastewater Pit, Lift Station & Drain Lines	3D	Fan Farm Building	Wastewater is collected in the lift station sumps and pumped to the wastewater treatment facility via submersible pumps.	Unknown to Present	Site walk completed March 2007.
125.	Paint Kitchen ASTs	3D	Paint Kitchen	There are 36 ASTs contained within the paint kitchen. Refer to Table 4 for description of size, contents, and use dates.	1985 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
126.	Former Sulfuric Acid AST	3D	B3	Former Sulfuric Acid AST. Observed to be heavily corroded and in poor condition. Staining and leakage was noted below the tank. Refer to Table 4 for size, contents and use dates.	1985 to Unknown	Site walk completed March 2007 and documentation maintained by TCAP.
127.	Bonderite AST	3D	B3	Refer to Table 4 for size, contents, and use dates.	1985 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
128.	Sodium Hydroxide AST	3D	B3	Refer to Table 4 for size, contents, and use dates.	1985 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
129.	Paint Detackifier AST	3D	Central Portion of Paint Sludge Pits (on catwalk)	Refer to Table 4 for size, contents, and use dates.	1985 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
130.	Phosphate Process Tank	3D	A12-A15	Refer to Table 4 for size, contents, and use dates.	1985 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
131.	E-coat Process Tank	3D	B13-B16	Refer to Table 4 for size, contents, and use dates.	1985 to Present	Site walk completed March 2007 and documentation maintained by TCAP.
141.	Aboveground Hydraulic Lifts	3D	Refer to Table 6.	Aboveground hydraulic lifts that lift and lower vehicles in Paint Shop. Refer to Table 6 for details.	Refer to Table 6.	Site walk completed March 2007 and hydraulic lift inspection forms provided by TCAP personnel.
<b>WASTEWATER TREATMENT PLANT</b>						
132.	90 Day Hazardous Waste Storage Area	3E	Eastern Portion of the WWTP	Storage area for hazardous waste metal hydroxide sludge 30 cubic yard gondola.	Unknown to Present	Site walk completed March 2007 and information provided by TCAP personnel.
133.	Wastewater Treatment Chemical ASTs	3E	Northern Portion of WWTP	ASTs are utilized to store chemicals which are used in the wastewater treatment process. Refer to Table 4 for description of size, contents, and use dates.	Unknown to Present	Site walk completed March 2007.
134.	Wastewater Treatment Area	3E	Wastewater Treatment Plant	The wastewater treatment area houses operations including transferring, containing, storing, and treating process wastewater generated from the assembly process.	1984 to Present	Site walk completed March 2007.

**Table 2  
Summary of Surface and Subsurface Features  
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Feature Number	Feature	Reference Figure	Location	Description	Use Dates	Reference
<b>STEAM PLANT</b>						
135.	Boiler Chemical ASTs	3E	Eastern Portion of Steam Plant	Boiler additive storage.	Unknown to Present	Site walk completed March 2007.
136.	Transformers #11 & 11A (1st Floor)	3E	Western Portion of Steam Plant	Electrical transformers - formerly contained 425 gallons of PCB-containing oil. Includes switchgears and a starter. Transformers have been removed but switchgears and starter are still present.	Unknown to Present	Site walk completed March 2007 and documentation maintained by TCAP.
<b>SUBSURFACE TUNNELS</b>						
142.	Drain	3F	Located within the Traffic Tunnels and Oil Tunnel	Eleven drains were observed in the north and south traffic tunnels and one drain was observed in the oil tunnel during inspection activities. The discharge point of the drains was unable to be determined.	Unknown to Present	Tunnel investigation completed May 2007.
143.	Drums	3F	Sand Tunnel 1A South and Sand Tunnel 4A	A total of three drums were observed in these areas of the sand tunnels. The floor and walls of the gas tunnel consist of sandstone. The drums were rusted and in poor condition with no lids. However, staining was not observed in or near the drums observed in these areas. It appeared as if the drums may have been historically utilized to mix concrete or mortar.	Unknown to Present	Tunnel investigation completed May 2007.
144.	Oil Tunnel Staining	3F	Oil Tunnel	Heavy oil staining was identified on the concrete floor surface within the oil tunnel. The oil tunnel may have been associated with historical USTs and/or ASTs located in or near the former fuel house to house product piping.	Unknown to Present	Tunnel investigation completed May 2007.
145.	Subsurface Room Below Sand Elevator	3F	Sand Tunnel 1A North	A room was identified below the sand elevator that is approximately 7 feet below ground surface (bgs). An inspection of the room could not be completed due to flooding of this subsurface feature. The source of water within the room was not able to be determined.	Unknown to Present	Tunnel investigation completed May 2007.
146.	Sump	3F	Eastern Portion of Sand Tunnels and in Traffic Tunnels	One sump was observed in the northern portion of the mined sand tunnels, respectively 4A north. A second sump was observed in the elevator shaft to the traffic tunnels and a third sump was observed in the western portion of the traffic tunnels near the tunnel outlet towards the Mississippi River.	Unknown to Present	Tunnel investigation completed May 2007.
147.	Elevator Shaft	3F	Eastern portion of Traffic Tunnels	An elevator shaft for the elevator from the traffic tunnels was observed in the eastern portion of the traffic tunnels.	Unknown to Present	Tunnel investigation completed May 2007.
148.	Sand Elevator Shaft	3F	Center of Sand Tunnel 1A North	An elevator shaft for the sand elevator was observed in the central portion of sand tunnel 1A North. The elevator shaft was completely filled with water; however, the source of the water could not be determined.	Unknown to Present	Tunnel investigation completed May 2007.
149.	Flow Stone	3F	Easternmost Portion of Gas Tunnel	At the east end of the gas tunnel, water was observed to be leaking in from the main assembly building above. The floor and walls of the gas tunnel consist of sandstone. Flow stone was observed on the walls within the gas tunnel and it was indicated that the water leaking into the gas tunnel may be weld water.	Unknown to Present	Tunnel investigation completed May 2007.
150.	Collapsed Area With Buried Drums	3F	Westernmost Portion of Sand Tunnel 1A South	Sand tunnel 1A south was an exit at one point in time with concrete and rebar formed walls and ceiling. Currently, there is no exit point, and a collapse is apparent at the end of the tunnel. Buried drums were observed to be present under the collapse debris and black, rust and turquoise staining was observed on the floor and ceiling. The staining observed had a paint odor. The black, rust, and turquoise staining was also present in open 55 gallon drums partially filled with solids with a paint odor. The extent of the drum storage could not be determined due to a collapse at the assumed exit point of the tunnel.	Unknown to Present	Tunnel investigation completed May 2007.
151.	Potential Creosote Film/Staining	3F	Sand Tunnels 1st S, 2nd S, 5th N, 4th N, 2nd N, 10th N, 9th N and 8th N	Several of the mined sand tunnels contain old railroad ties (with a limited number having rails still attached to them) which were used to transport the mined sand from the tunnels for use in the glass manufacturing operations in the main assembly building. A number of these tunnels have had or currently had standing water in them and a potential creosote film/staining (feature 151) was observed in these areas. Creosote is used in railroad ties to preserve the wood. The film/staining was observed to be dark brown to black in color.	Unknown to Present	Tunnel investigation completed May 2007.

Note : This table should be used in conjunction with Figures 3A through 3F of the Phase I ESA Report dated June 2007.

**Table 3  
Summary of Underground Storage Tanks  
Ford Motor Company  
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Feature Number	Feature	Reference Figure	Site Tank Number	MPCA Number	Location and Description	Number of Tanks - Contents	Size	Construction	Secondary Containment	Date Installed	Date Removed	Confirmed - Release Date- Leak ID	Corrective Action Required?	Amount of Soil Remediated	MPCA Release Status
2.	Former Gasoline and Diesel USTs	2	NA	NA	Former USTs were located southeast of training facility. USTs were apparently historically used for filling new vehicles in the fluid fill area of main assembly.	2 - Gasoline	20,000	Steel	Unknown	12/2/1977	1993	Yes-1993 - Leak 6373	Yes	209.74 tons	Closure - 1994
						2- Diesel Fuel	10,000	Steel	Unknown	12/2/1977					
4.	Former Area of Impacted Soil - Leak #10700	2	NA	NA	Former area in which remedial excavation activities occurred in conjunction with the construction of the current training center. Soil impact was identified in the area as a result of gasoline and diesel fuel leakage from product lines was reported on June 30, 1997. Impacted soils were removed. The release received closure on February 27, 1998. The release was reopened due to a second release from the area being reported in 2005. The MPCA issued a re-closure letter on September 22, 2005.	NA	NA	NA	NA	NA	NA	Yes-1997 - Leak 10700	Yes	3,078 cubic yards	Closure - 1998
												Yes-2005 Re-opened Leak 10700	No	NA	Closure - 2005
5.	Former Location of Gasoline & Diesel Fuel Underground Piping	2	NA	NA	Former area in which remedial excavation activities occurred in conjunction with the construction of the current training center. Soil impact was identified in the area as a result of gasoline and diesel fuel leakage from product lines was reported on June 30, 1997. Impacted soils were removed. The release received closure on February 27, 1998. The release was reopened due to a second release from the area being reported in 2005. The MPCA issued a re-closure letter on September 22, 2005.	NA - Gasoline and Diesel Fuel	NA	Steel	NA	12/2/1977	NA	Yes-1997 - Leak 10700	Yes	3,078 cubic yards	Closure - 1998
												Yes-2005 Re-opened Leak 10700	No	NA	Closure - 2005
3.	Former Convoy UST	2	NA	1	The former Convoy UST is located approximately 200 feet east of the training facility. The UST was located near the historic ramp to Convoy office. Apparently utilized to fuel Convoy vehicles.	1 - Fuel Oil 1	2,000	Steel	Not Reported	Not Reported	1992	Yes - 1992 - Leak 5343	Yes	150 cubic yards	Closure - 1992
16.	Former Gasoline, Sunoco Spirits and Pyroxlin Thinner USTs	3A	NA	NA	Former USTs were located east of the Central Engineering Office. Based on historical documentation and drawings reviewed several former USTs were identified to have been located beneath the former oil house and along the northern and eastern exterior portions of the oil house. It is unknown if the USTs have been removed or properly pumped out and closed in place. It appears that the former Sunoco spirits and Pyroxlin thinner USTs were utilized in conjunction with the former paint operations which occurred in the general vicinity. The former gasoline USTs may have been utilized for fluid fill operations.	2 - Gasoline	20,000	Steel	Unknown	Unknown	Unknown	No	NA	NA	NA
						4 - Gasoline	6,000	Steel	Unknown	Unknown	Unknown				
						2 - Sunoco Spirits	6,000	Steel	Unknown	Unknown	Unknown				
						2 - Pyroxlin Thinner	6,000	Steel	Unknown	Unknown	Unknown				
19.	Former Propane UST Area	3A	NA	NA	Former propane USTs were located south of the former oil house along the eastern portion of the main assembly plant. USTs were used as emergency power backup. Were relocated south of the steam plant in 1999.	8 - Propane	30,000	Steel	Yes	Unknown	1999	No	NA	NA	NA
		3C	44, 45, 46	44, 45, 46	Propane USTs were located southeast of incinerator. The USTs were utilized for backup fuel for plant processes.	3 - Propane	Unknown	Unknown	Unknown	Unknown	1999				
23.	Former Brake Fluid UST	3B	NA	5	Former brake fluid UST was located near the southwest corner of the main assembly building. UST was used to fill new vehicles in the fluid fill area of main assembly.	1 - Brake Fluid	6,000	Steel	Unknown	1968	1990	No	NA	NA	NA
24.	Unleaded Gasoline USTs	3B	42, 43	12, 13	Unleaded gasoline USTs are located west of the warehouse building. USTs are used to fill new vehicles in the fluid fill area of main assembly. Piping extends from USTs approximately 15 feet underground within the USTs concrete containment structure before entering the west side of main assembly building, where it travels through aboveground piping to the fluid fill area.	2 - Unleaded Gasoline	20,000	STI-P3	Yes	1992	In Use	No	NA	NA	NA
35.	Waste Solvent USTs	3C	40, 41	40, 41	The used purge solvent and used cleaning solvent USTs are located west of the hazardous waste storage building. The USTs collect waste solvent generated in the painting process.	1 - Used Purge Solvent	10,000	Steel	Yes	1992	In Use	No	NA	NA	NA
						1 - Used Cleaning Solvent	10,000	Steel	Yes	1992	In Use				
36.	Former Bulk Solvent and Waste Solvent USTs	3C	NA	NA	USTs were located west of the hazardous storage building in the same location as the current waste solvent USTs. The four USTs were installed to store paint solvents utilized in the painting process and used solvents generated during the painting process. Apparently two of the USTs were not used, but other documentation reviewed indicates that they were utilized.	1 - Bulk Purge Solvent	10,000	Steel	Yes	1984	1992	Yes - 1989 - Part of PRP Investigation	Yes	790 cubic yards	Annual Monitoring Required
						1 - Bulk Cleaning Solvent	10,000	Steel	Yes	1984	1992				
						1 - Used Purge Solvent	10,000	Steel	Yes	1984	1992				
						1 - Used Cleaning Solvent	10,000	Steel	Yes	1984	1992				
39.	Propane USTs	3D	23-30	23-30	Propane USTs are located south of the steam plant. USTs are used for emergency power backup.	8 - Propane	30,000	Steel	Yes	1999	In Use	No	NA	NA	NA
41.	Former Fuel Oil UST	3D	NA	NA	Former fuel oil UST was located south of the steam plant. The UST may have been utilized as back up fuel for boilers at the steam plant.	Fuel Oil 4 and 6	26,500	Steel	Unknown	1950	Closed in Place - 1990	Yes-1990-Leak 3262	Yes	Unknown	Closure-1994
152.	Former Fuel Oil UST	3C	NA	6	Former fuel oil UST located east of central engineering offices. The UST may have been utilized to provide fuel for a heating source in main assembly.	Fuel Oil	27,000	Unknown	Unknown	Unknown	Unknown	No	NA	NA	NA

Note : This table should be reviewed in conjunction with Figures 3A through 3E of the Phase I ESA report dated June 2007.

**Table 4  
Summary of Aboveground Storage Tanks  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Feature	Figure Number	Site Tank Number	MPCA Number	Location and Description	Number of Tanks - Contents	Size	Construction	Secondary Containment	Date Installed	Date Removed	Confirmed Release Date/ID	Corrective Action Required?	CY of Soil Remediated	Release Status
6.	Diesel Meter Shack	3A	32	59-2	Diesel AST is located near the northwestern portion of main assembly building in employee parking lot. AST is used to fuel fire suppression system.	1 - Diesel Fuel	270	Steel	Yes	Unknown	In Use	No	NA	NA	NA
17.	Refrigerant AST	3B	10	1010	Refrigerant AST is located east of Central Engineering Office. AST is used for fluid fill operations on assembly line.	1 - R134 Refrigerant	5,500	Steel	Yes	1969	In Use	No	NA	NA	NA
22.	Diesel Fuel AST	3C	31	1031	Diesel AST is located near northwestern portion of Packer Building. AST is used for fueling diesel equipment.	1 - Diesel Fuel	300	Steel	Yes	1/1/1971	In Use	No	NA	NA	NA
25.	Fire Suppression Diesel Fuel AST	3C	32	1032	Diesel AST is located east of warehouse in diesel shack. AST is used to fuel fire suppression system.	1 - Diesel Fuel	250	Steel	Yes	1/1/1990	In Use	No	NA	NA	NA
30.	Sulfuric Acid AST	3D	NA	NA	AST is located near the northeast portion of the paint building. The sulfuric acid is utilized in cleaning of phosphate system.	1 - Sulfuric Acid	5,500	PVC/Fiberglass	Yes	8/33/03	In Use	No	NA	NA	NA
31.	E-Coat Dump Tanks	3D	4	1004	The dump tanks are located near the southeast portion of the paint building. The two dump tanks, currently empty, are only utilized when E-coat system is being cleaned. Dump tanks are located within a concrete secondary containment berm.	2 - E-coat dump tanks	65,000	Steel	Yes	1985	Temp. Out of Use	No	NA	NA	NA
			5	1005											
32.	Phosphate Dump Tank	3D	6	1006	The dump tank is located near the southeast portion of the paint building. The tank, currently empty, is only utilized when phosphate system is being cleaned. The dump tank is located within a concrete secondary containment berm.	1 - Phosphate dump tank	90,000	Steel	Yes	1/3/1985	Temp. Out of Use	No	NA	NA	NA
40.	Nitrogen AST	3D	47	1047	The nitrogen AST is located southeast of the incinerator.	1 - Nitrogen	2,500	Steel	Unknown	1990	In Use	No	NA	NA	NA
42.	Former Fuel Oil ASTs	3E	38	1038	Former fuel oil ASTs are located south of Steam Plant. The ASTs were removed from service in 2000 and corrective actions were completed between August 1, 2000 and October 16, 2000.	2 - Fuel Oil 4 and 6	500,000	Steel	Yes	1951	2000	No	NA	NA	NA
			39	1039											
44.	Wastewater Collection ASTs	3E	104	104	Wastewater collection ASTs are located adjacent to the wastewater treatment plant.	3 - Wastewater Collection Tank	139,000	Steel	Yes	1983	In Use	No	NA	NA	NA
50.	Used Oil AST	3B	101A	NA	Used oil AST is located east of Central Engineering Office. The used oil AST stores used oil prior to being recycled/disposed by a used oil company.	1 - Used oil	Unknown	Steel	No	Unknown	In Use	No	NA	NA	NA
51.	Lye AST	3B	101	1040	The Lye AST is located east of Central Engineering Office. It appeared as if the lye AST was no longer in service; however, the AST was full of caustic liquid. The AST was observed to be in poor condition and appeared rusted. Staining and leakage was observed around the lye/caustic AST.	Lye/Caustic	6,300	Steel	No	Unknown	In Use	No	NA	NA	NA
52.	Fluid Fill AST Tank Farm (Historic Use)	3B	NA	NA	The AST tank farm is located east of Central Engineering Office. These ASTs are located in the former paint kitchen and historically contained motor oil, fuel oil, and enamel. At an unknown time the use of the tanks changed and these tanks became the current Fluid Fill AST Tank Farm as detailed below.	3 - Motor Oil	5,000	Steel	Unknown	1932	In Use	No	NA	NA	NA
						3 - Fuel Oil	5,000	Steel	Unknown	1932	In Use	No	NA	NA	NA
						6 - Enamel Tanks	5,000	Steel	Unknown	1932	In Use	No	NA	NA	NA
52.	Fluid Fill AST Tank Farm	3B	14, 15, 17, 18, 19	1014, 1015, 1017, 1018, 1019	AST tank farm is located east of Central Engineering Office. The tank farm contains twelve ASTs utilized to store vehicle fluids.	5 - Antifreeze	4,800	Steel	Yes	1932	In Use	No	NA	NA	NA
			20, 21, 22	1020, 1021, 1022		3 - Power Steering	4,800	Steel	Yes	1932	In Use	No	NA	NA	NA
			11, 12, 13, 16	1011, 1012, 1013, 1016		4 - Windshield Washer	4,800	Steel	Yes	1932	In Use	No	NA	NA	NA

**Table 4  
Summary of Aboveground Storage Tanks  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Feature	Figure Number	Site Tank Number	MPCA Number	Location and Description	Number of Tanks - Contents	Size	Construction	Secondary Containment	Date Installed	Date Removed	Confirmed Release Date/ID	Corrective Action Required?	CY of Soil Remediated	Release Status
121.	Sludge Pits	3D	9	1009	Two waste paint sludge pits are located in the western portion of the paint building. The pits are used to store paint sludge generated from the painting process. The northern paint sludge pit was observed to be in good condition; however, the southern paint sludge pit was currently full of water and paint sludge and could not be inspected.	Paint Sludge	750,000	Concrete	No	1/1/1984	In Use	No	NA	NA	NA
125.	Paint Kitchen ASTs	3D	PK-1	NA	The paint kitchen ASTs are located in the southwestern portion of the paint building.	Paint	1,520	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-2	NA		Purge Paint	10,000	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-3	NA		Paint	250	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-4	NA		Paint	250	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-5	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-6	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-7	NA		Paint	250	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-8	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-9	NA		Paint	250	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-10	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-11	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-12	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-13	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-14	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-15	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-16	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-17	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-18	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-19	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-20	NA		Paint	80	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-21	NA		Paint	1,520	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-22	NA		Paint	1,520	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-23	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-24	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-25	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-26	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-27	NA		Paint	500	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-28	NA		Paint	160	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-29	NA		Antichip Paint	80	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-30	NA		Cleaning	10,000	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-31	NA		New Color Test	245	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-32	NA		New Color Test	30	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-33	NA		Purge Recovery	10,000	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
			PK-34	NA		DSO Typical	120	Unknown	Unknown	Unknown	In Use	No	NA	NA	NA
							7	1007		E-coat Primer	12,000	Steel	Unknown	1/1/1984	In Use
			49	NA		Purge Solvent	6,400	Steel	Unknown	Unknown	In Use	No	NA	NA	NA
126.	Former Sulfuric Acid AST	3D	1	1001	The former sulfuric acid AST is located in the northeast portion of the paint building near column B3. The AST was observed to be heavily corroded and staining and leakage was observed below the AST in the secondary containment dike. The integrity of the concrete containment dike could not be ascertained due to the liquid contained within the dike system.	Sulfuric Acid	4,000	Steel	Unknown	1/1/1984	In Use	No	NA	NA	NA
128.	Sodium Hydroxide AST	3D	2	1002	The sodium hydroxide AST is located in the northeast portion of the paint building near column B3.	Sodium Hydroxide	4,000	Steel	Unknown	1/1/1984	In Use	No	NA	NA	NA
127.	Bonderite AST	3D	3	1003	The bonderite AST is located in the northeast portion of the paint building near column B3.	Bonderite 958 Replenisher	3,600	PVC/Fiberglass	Unknown	1/1/1985	In Use	No	NA	NA	NA



**Table 4  
Summary of Aboveground Storage Tanks  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Feature	Figure Number	Site Tank Number	MPCA Number	Location and Description	Number of Tanks - Contents	Size	Construction	Secondary Containment	Date Installed	Date Removed	Confirmed Release Date/ID	Corrective Action Required?	CY of Soil Remediated	Release Status
129.	Paint Detackifier AST	3D	8	1008	The paint detackifier AST is located in the central portion of paint sludge pits on a catwalk.	Paint Detackifier	4,000	Steel	Yes	1/1/1984	In Use	No	NA	NA	NA
130.	Phosphate Process Tank	3D	102	1041	The phosphate process tank is located in the eastern portion of the paint building near columns A12-A15.	Phosphate Processing Tank	387,400	Metal	Unknown	1985	In Use	No	NA	NA	NA
131.	E-coat Process Tank	3D	103	1042	The e-coat process tank is located in the eastern portion of the paint building near columns B13-B16.	E-coat Processing Tank	144,000	Metal	Unknown	1985	In Use	No	NA	NA	NA
133.	Wastewater Treatment Chemical ASTs	3E	NA	NA	The wastewater treatment chemical ASTs are located in the northern portion of the wastewater treatment plant.	Sulfuric Acid	175	PVC Lined Steel	Yes	1983	In Use	No	NA	NA	NA
			NA	NA		Sodium Hydroxide	300	PVC Lined Steel	Yes	1983	In Use	No	NA	NA	NA
			NA	NA		Ferric Chloride	300	PVC Lined Steel	Yes	1983	In Use	No	NA	NA	NA
			34	1034		Emulsion Breaker	2,500	Steel	Yes	1/1/1986	In Use	No	NA	NA	NA
			33	1033		Sodium Bisulfite	1,625	Steel	No	1/1/1989	In Use	No	NA	NA	NA
135.	Boiler Chemical ASTs	3E	35	1035	The boiler chemical ASTs are located in the eastern portion of steam plant	Ferric Chloride	9,200	PVC Lined Steel	Yes	1/1/1983	In Use	No	NA	NA	NA
			36	1036		Sulfuric Acid	6,000	PVC Lined Steel	Yes	1/1/1983	In Use	No	NA	NA	NA
			NA	NA		Sulfuric Acid	120	PVC Lined Steel	Yes	1983	In Use	No	NA	NA	NA
			NA	NA		Sodium Hydroxide	185	PVC Lined Steel	Yes	1983	In Use	No	NA	NA	NA
			NA	NA		Ferric Chloride	185	PVC Lined Steel	Yes	1983	In Use	No	NA	NA	NA
			37	1037		Sodium Hydroxide	9,200	PVC Lined Steel	Yes	1/3/1983	In Use	No	NA	NA	NA
138.	Former 20,000 Gallon AST	3B	NA	NA	The former 20,000 gallon AST is located south of the former oil house. The AST was removed from south of the former oil house as identified during interviews with TCAP personnel. Based on the interviewee, when the AST was removed stained soil and odors were identified.	Gasoline	20,000	Unknown	Unknown	Unknown	Unknown	No	NA	NA	NA

Note : This table should be reviewed in conjunction with Figures 3A through 3F of the Phase I ESA report dated June 2007.

**Table 5**  
**Summary of Bulk Storage Areas**  
**Ford Motor Company**  
**Twin Cities Assembly Plant**  
**June 2007**

Feature Number	Location	Regulated Material and Quantity
<b>Main Assembly and Associated Buildings</b>		
48.	G2	Water (750-gallon)
	G6	4' (Flammable) + 2 Gas Carts
	AA6	Flammable Storage Cabinet
	AA8	2 (55-gallon Waste Oil Drums) 1 (55-gallon Antifreeze Drums)
	AA9	1 (55-gallon Windshield Washer Fluid Drum)
	A9	Primer / Coating (2-gallon)
	B8	2-Flammable Storage Containers 4 (55-gallon Drums)
		3 (55-gallon Waste Oil Drums)
	B9	Windshield Urethane Dispense System
	AA17	16 (55-gallon Hydraulic Oil Drums)
	AA18	Freon
	E20	Decal Lube (55-gallon Drum)
	F24	5 (55-gallon Grease Drums)
	B22	9 (55-gallon Tire Lube Drums)
	B24	Flammable Material Storage
	B27	Flammable Material Storage
	AA24	4 (55-gallon Used Oil Drums)
	AA25	Flammable. Storage Container
	AA28	1 (320-gallon Brake Fluid Tote)
	AA29	Nitrogen cylinder 320-gallon Brake Fluid Tote
		17 (55-gallon Oil Drums)
	AA32	3 (5-gallon Lube Buckets)
	AA34	6 (320-gallon Brake Fluid Totes)
	AA41	55-gallon Oxylated Alcohol
	M18	3-Drums & 12 - 5 gal packs
	P30	Cooling Tower Chemical Feed Station
	South of Assembly Bay L40	55-gallon (Sodium Hydroxide) 300-gallon (Coolant)
	P15	300-gallon Sodium Hydroxide Tote, Biocide, Fungicide Drums, Dried Paint Storage
	P16	Fluid Fill Area - Transmission Oil, Motor Oil, Waste Oil Drums. Hazardous Waste Accumulation Area
	N9	80 (55-gallon Drums)
AA28-AA29	8 - 300-gallon Brake Fluid Totes and Miscellaneous Oil and Grease Drums	
H27	20 Drums Hydraulic Oil and Grease	
<b>Paint and Associated Buildings</b>		
109.	A2 (2nd floor)	Lube Container (5-gallon)
	B2	30 - 55 gallon drums phosphate system cleaner, phosphate makeup
	A5	8 - 55 gallon drums of phosphate system cleaner and phosphate makeup
	A8	8 - 55 gallon drums of oven cleaner
	B5-B10	15 - 55 gallon drums of grease, lube, and oil for equipment maintenance
		30 Pails of Grease
	A10	6 - 55 gallon drums of phosphate system cleaner and phosphate makeup
	A11	20 - 55 gallon drums of phosphate system cleaner and phosphate makeup
	A11	7 - 55 gallon drums of phosphate system cleaner and phosphate makeup
	A16	21 - 55 gallon drums of phosphate system cleaner and phosphate makeup
	A15	23 - 55 gallon drums of bonderite makeup
	A18	9 - 55 gallon drums of bonderite makeup
	B19	4 (300-gal Totes) E-Coat Paint Pigment/Resin
	C1 (2nd floor)	Hydraulic Oil
	D1 (2nd floor)	55-gallon Corrosive Drum
	C19-D19	Paint and Solvent

Note: This table should be used in conjunction with Figures 3B through 3E from the June 2007 Phase I ESA report.

**Table 6  
Summary of Hydraulic Lifts  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Feature	Reference Figure	Location (Building / Bay)	Below Ground or Above Ground Lift?	Use	Installation Date	Leakage Indicated?	Manufacturer
<b>Main Assembly</b>								
45.	Tri-level Ramp Hydraulic Lifts	3D	Railroad / Tri-Level Loading Area	Above	Hydraulic Lifts (6) - used for finished vehicle loading/unloading operations into railroad cars.	NA	No	NA
61.	Repair Hydraulic Lifts	3B	Main Assembly (Pre-Delivery Area) / G2 - N4	Above	Pre-Delivery Lifts (5) - lifts vehicle body to facilitate working under vehicles for repair.	NA	NA	NA
		3B	Main Assembly (Oil House) / Q17	Above	Truck Repair Lifts (2) - Lift vehicle body to facilitate working under vehicles for repair.	NA	No	NA
		3B	Main Assembly (Oil House) / Q18	Above	Tire Press Lift - used for tire repair operations.	NA	Yes	NA
		3C	Packer Building (North End)	Above	Lease Car Repair Lift - lifts vehicle body to facilitate working under vehicles for repair.	NA	Yes	NA
62.	Dock Levelators	3B	East of Main Assembly (General Stores Area) / Q9	Above	General Stores Dock Levelator - used for semi-trailer loading/unloading operations.	NA	No	NA
		3B	Outside Main Assembly / P23	Above	Trim Dock Levelators (3) - used for semi-trailer loading/unloading operations.	NA	No	NA
		3C	Warehouse (North and East Ends)	Above	Warehouse Dock Levelators (15) - used for semi-trailer loading/unloading operations.	NA	No	NA
63.	Portable Hydraulic Lift	3B	Railroad / Tri-Level Loading Area	Above	Portable Tri-level Ramp - used for finished vehicle loading/unloading operations into railroad cars.	NA	Yes	NA
64.	Bascable Bridge	3C	Main Assembly / G35	Above	Bascable Bridges (2) - Used to raise/lower the bridge across railroad spur to facilitate movement of the railroad cars along the spur.	NA	Yes	NA
		3C	Warehouse / G56-G57	Above		NA	Yes	NA
65.	Production Hydraulic Lifts	3B	Main Assembly / L14	Above	Painted Body Return Lift - lowers vehicle body from Main Assembly Building Mezzanine Level to Main Level for delivery from Paint Building.	1985	NA	Marmac
		3B	Main Assembly / M28	Above	Cab Skids Lift - lifts cab pallets (skids) to facilitate placement of vehicle body onto skid for processing operations.	NA	NA	NA
		3B	Main Assembly / M29	Above	Cab Pallet Storage Lift - lifts cab pallets (skids) from Main Assembly Building Main Level to Mezzanine Level for temporary storage.	NA	NA	NA
66.	Elevator to Paint	3B	Main Assembly / L14	Above	Body Delivery to Paint Lift - lifts vehicle body from Main Assembly Building Main Level to Mezzanine Level for delivery to Paint Building.	1985	NA	Marmac

**Table 6  
Summary of Hydraulic Lifts  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Feature	Reference Figure	Location (Building / Bay)	Below Ground or Above Ground Lift?	Use	Installation Date	Leakage Indicated?	Manufacturer
67.	Production Hydraulic Lifts	3B	Main Assembly / K31	Below	Skid Return Lift - Lowers vehicle skids from Main Assembly Building Mezzanine Level to Main Level following assembly (body) operations.	NA	NA	NA
		3B	Main Assembly / K30	Below	Skid Return Lift - Lowers vehicle skids from Main Assembly Building Mezzanine Level to Main Level following paint building operations.	NA	NA	NA
		3B	Main Assembly / A7	Below	201 Repair Area Lifts (2) - lifts vehicle bodies to facilitate working under vehicles for repair.	NA	NA	NA
		3B	Rattle Shack (West of Rumble Strip)	Below	Rattle Shack Lift - lifts vehicle for Shake, Rattle, and Roll testing.	NA	NA	NA
<b>Paint Building</b>								
108.	Hydraulic Lifts	3D	Paint / B3	Below	E-coat Mezzanine Lift - lifts vehicle body from Paint Building Main Level to Mezzanine Level for temporary storage.	1985	NA	Marmac
		3D	Paint / B1	Below	E-coat Oven Entry Lifts (2) -Lifts vehicle body from Paint Building Main Level to Mezzanine Level for E-Coat Oven operations.	1995	NA	American Hydraulics
		3D	Paint / C1	Below	Prime Oven Exit Lifts (2) - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Prime Oven operations.	1985	NA	Continental Hydraulic PVR50
		3D	Paint / D3	Below	Tutone Oven Exit Lifts (2) - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Tutone Oven operations.	1985	NA	Marmac
		3D	Paint / E2	Below	Cargo Elevator - Lifts/lowers vehicle parts between Paint Building Main Level and Mezzanine Level for/following assembly operations.	1996	NA	Millar
		3D	Paint / E5	Below	Trim Delivery Lifts - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for delivery to Trim operations.	1985	NA	Marmac
		3D	Paint / F3	Below	Main Oven Enamel Exit Lifts (2) - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Main Enamel Oven operations.	1985	NA	Marmac
		3D	Paint / B7	Below	E-coat Oven Exit Lifts (2) - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following E-Coat Oven operations.	1985	NA	American Hydraulics
		3D	Paint / C8-S	Below	Prime Oven Entry Lifts (2) - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Prime Oven operations.	1985	NA	Continental Hydraulic PVR50
		3D	Paint / D8	Below	Tutone Oven Entry Lifts (2)- Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Tutone Oven operations.	1985	NA	Marmac

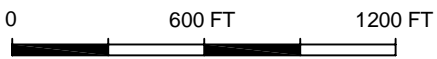
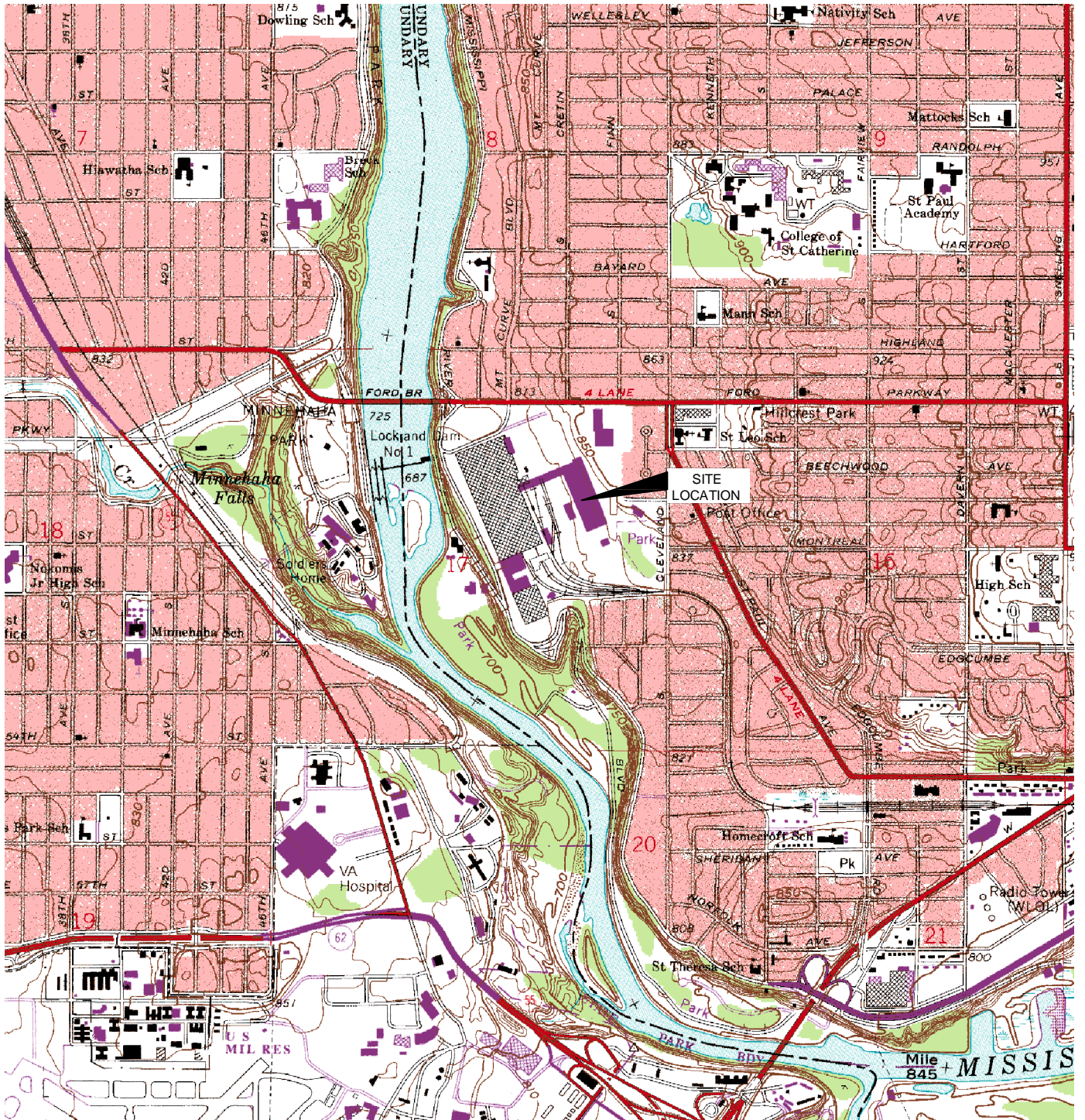
**Table 6  
Summary of Hydraulic Lifts  
Ford Motor Company  
Twin Cities Assembly Plant  
June 2007**

Feature Number	Feature	Reference Figure	Location (Building / Bay)	Below Ground or Above Ground Lift?	Use	Installation Date	Leakage Indicated?	Manufacturer
108.	Hydraulic Lifts	3D	Paint / F8	Below	Main Enamel Oven Entry Lifts (2) - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Main Enamel Oven operations.	1985	NA	Marmac
		3D	Paint / C15	Below	PVC Entry Lift - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for PVC operations.	1992	NA	Marmac
		3D	Paint / C15	Below	PVC Exit Lift - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Prime Strip operations.	1985	NA	Marmac
		3D	Paint / E17	Below	Sealer Entry Lift - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Sealer operations.	NA	NA	NA
		3D	Paint / E17	Below	Sealer Exit Lift - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Sealer operations.	NA	NA	NA
141.	Aboveground Hydraylic Lifts	3D	Paint / C3	Above	Prime Strip Entry Lift - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Prime Strip operations.	1985	NA	Marmac
		3D	Paint / D3	Above	Tutone Strip Entry Lift - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Tutone Strip operations.	1985	NA	Marmac
		3D	Paint / F3	Above	Main Enamel Strip Exit Lift - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Main Enamel Strip operations.	1985	NA	Marmac
		3D	Paint / C8-S	Above	Prime Strip Exit Lift - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Prime Strip operations.	1985	NA	Marmac
		3D	Paint / D8-S	Above	Tutone Strip Exit Lift - Lowers vehicle body from Paint Building Mezzanine Level to Main Level following Tutone Strip operations.	1985	NA	Marmac
		3D	Paint / F8	Above	Main Enamel Strip Entry Lift - Lifts vehicle body from Paint Building Main Level to Mezzanine Level for Main Enamel Strip operations.	1985	NA	Marmac
		3D	Paint / A11	Above	E-coat Strip Combined Entry/Exit Lift - Lifts/lowers vehicle body between Paint Building Main Level and Mezzanine Level for/following E-Coat Strip operations.	1985	NA	Marmac

Note: This table should be used in conjunction with Figures 3B through 3D from the June 2007 Phase I ESA report.

**ARCADIS**

**Figures**



FORD MOTOR COMPANY



Project Number  
MN000588.0001

Drawing Date  
09-MAY-07

Figure  
1

User Name : asmith Date: Tue, 09 May 2007 10:50am Path Name : G:\EN\CAD Files\Ford - Twin Cities\site layout\_RMS\Rev.dwg Layout Tab: (1) Site Location

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J. REID

Project Director  
E. CARMAN

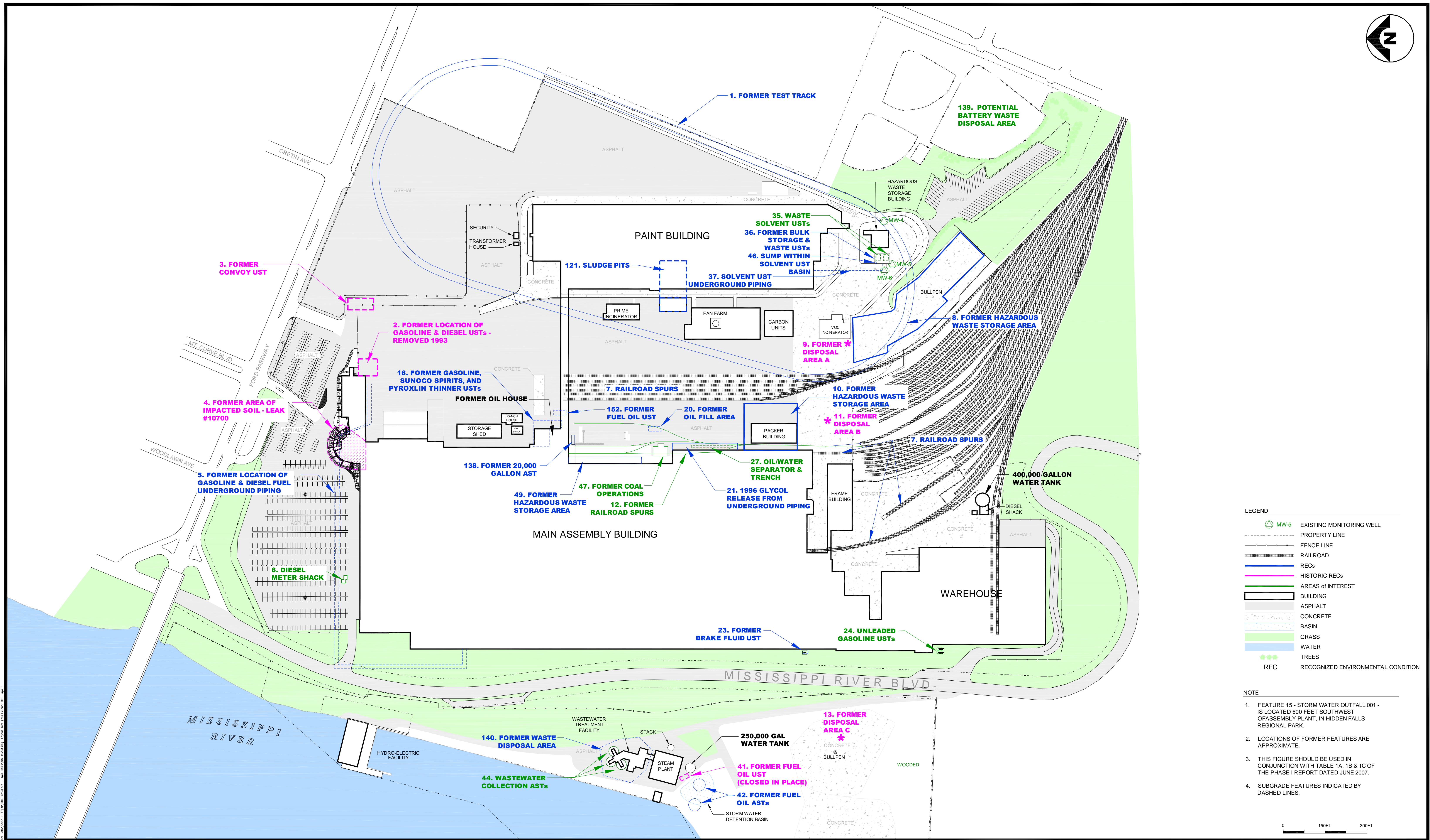
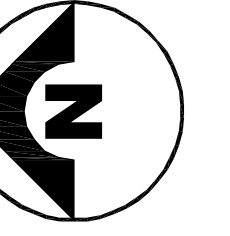
Task Manager  
L. FALER

Technical Review  
D. SHELLY



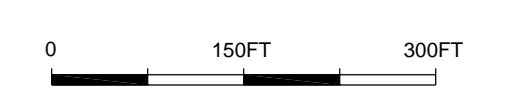
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**SITE LOCATION MAP**  
**PHASE I ENVIRONMENTAL SITE**  
**ASSESSMENT**  
**TWIN CITIES ASSEMBLY PLANT**  
**ST. PAUL, MINNESOTA**



- LEGEND**
- EXISTING MONITORING WELL
  - PROPERTY LINE
  - FENCE LINE
  - RAILROAD
  - RECs
  - HISTORIC RECs
  - AREAS OF INTEREST
  - BUILDING
  - ASPHALT
  - CONCRETE
  - BASIN
  - GRASS
  - WATER
  - TREES
  - REC
  - RECOGNIZED ENVIRONMENTAL CONDITION

- NOTE**
1. FEATURE 15 - STORM WATER OUTFALL 001 - IS LOCATED 500 FEET SOUTHWEST OF ASSEMBLY PLANT, IN HIDDEN FALLS REGIONAL PARK.
  2. LOCATIONS OF FORMER FEATURES ARE APPROXIMATE.
  3. THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 1A, 1B & 1C OF THE PHASE I REPORT DATED JUNE 2007.
  4. SUBGRADE FEATURES INDICATED BY DASHED LINES.



Area Manager  
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Project Director  
E. CARMAN

Task Manager  
L. FALER

Technical Review  
D. SHELLY

**FORD MOTOR COMPANY**

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RWW

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THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING.  
  
USE TO VERIFY FIGURE REPRODUCTION SCALE.

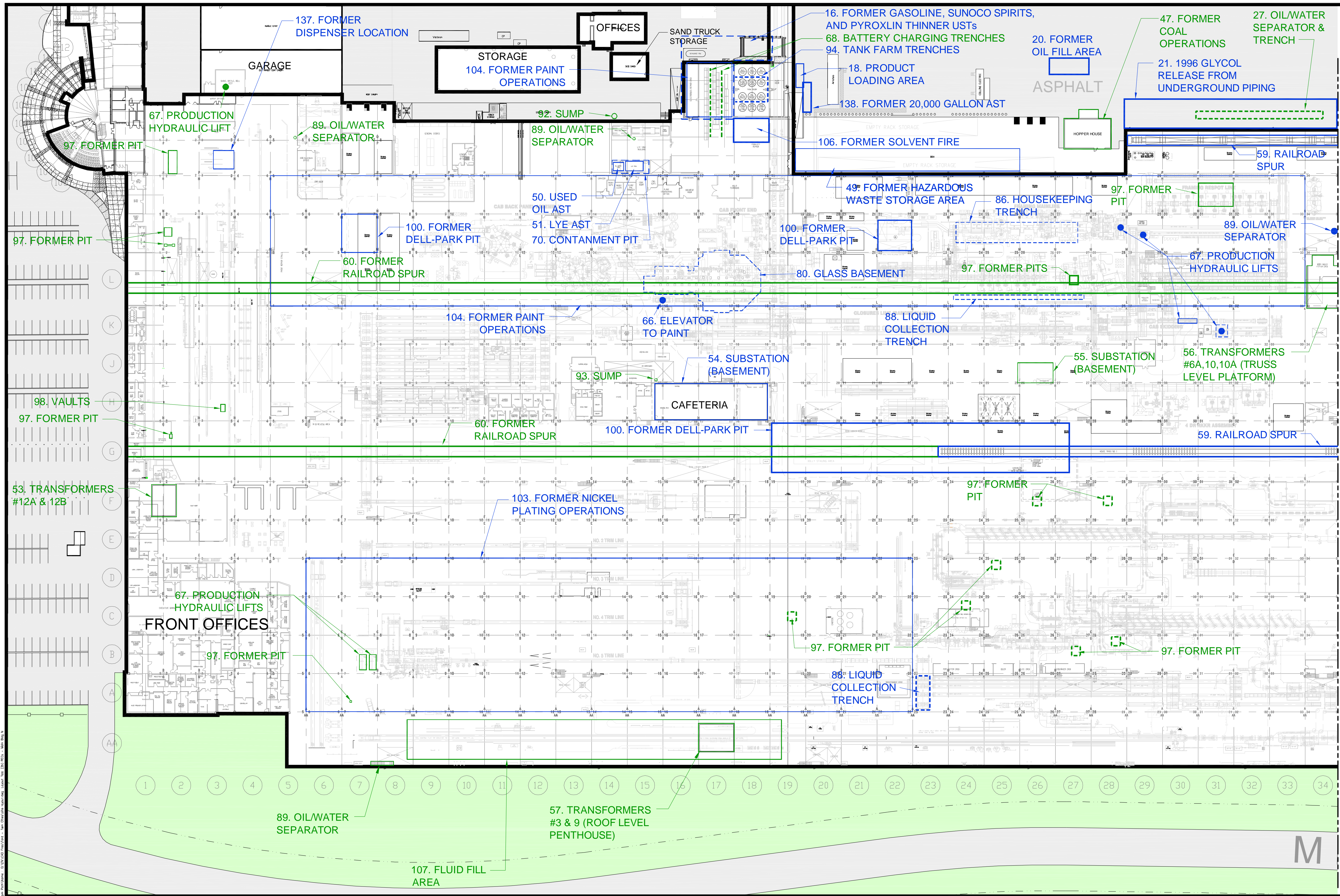
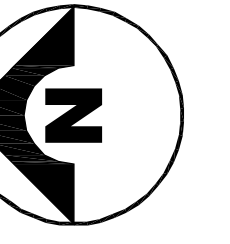
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**EXTERIOR RECs, HISTORIC RECs & AREAS OF INTEREST  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

Project Number MN000591.0001
Date 29-JUN-07
Figure 2A

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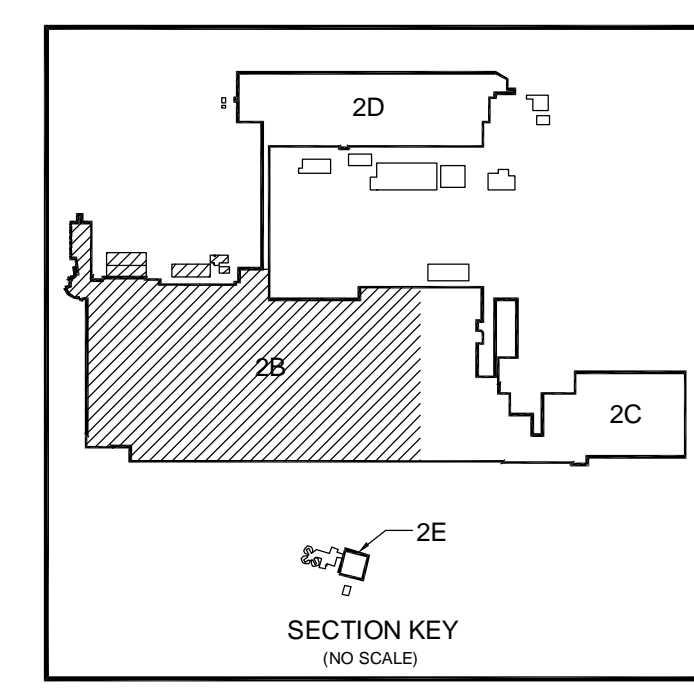




**LEGEND**

	PROPERTY LINE
	FENCE LINE
	RAILROAD
	RECs
	AREA OF INTEREST
	BUILDING
	ASPHALT
	CONCRETE
	GRASS

- NOTE**
1. THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 1A, 1B & 1C OF THE PHASE I REPORT DATED JUNE 2007.
  2. THE LOCATIONS OF THE FORMER FEATURES ARE APPROXIMATE.
  3. REFERENCES:  
    - bidgms1.dwg
    - property.dwg
    - tc1b-ase.dwg
    - tc1p-ase Cleaned by DMc.dwg
  4. SUBGRADE FEATURES INDICATED BY DASHED LINES.



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Project Director  
E. CARMAN  
Task Manager  
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D. SHELLY



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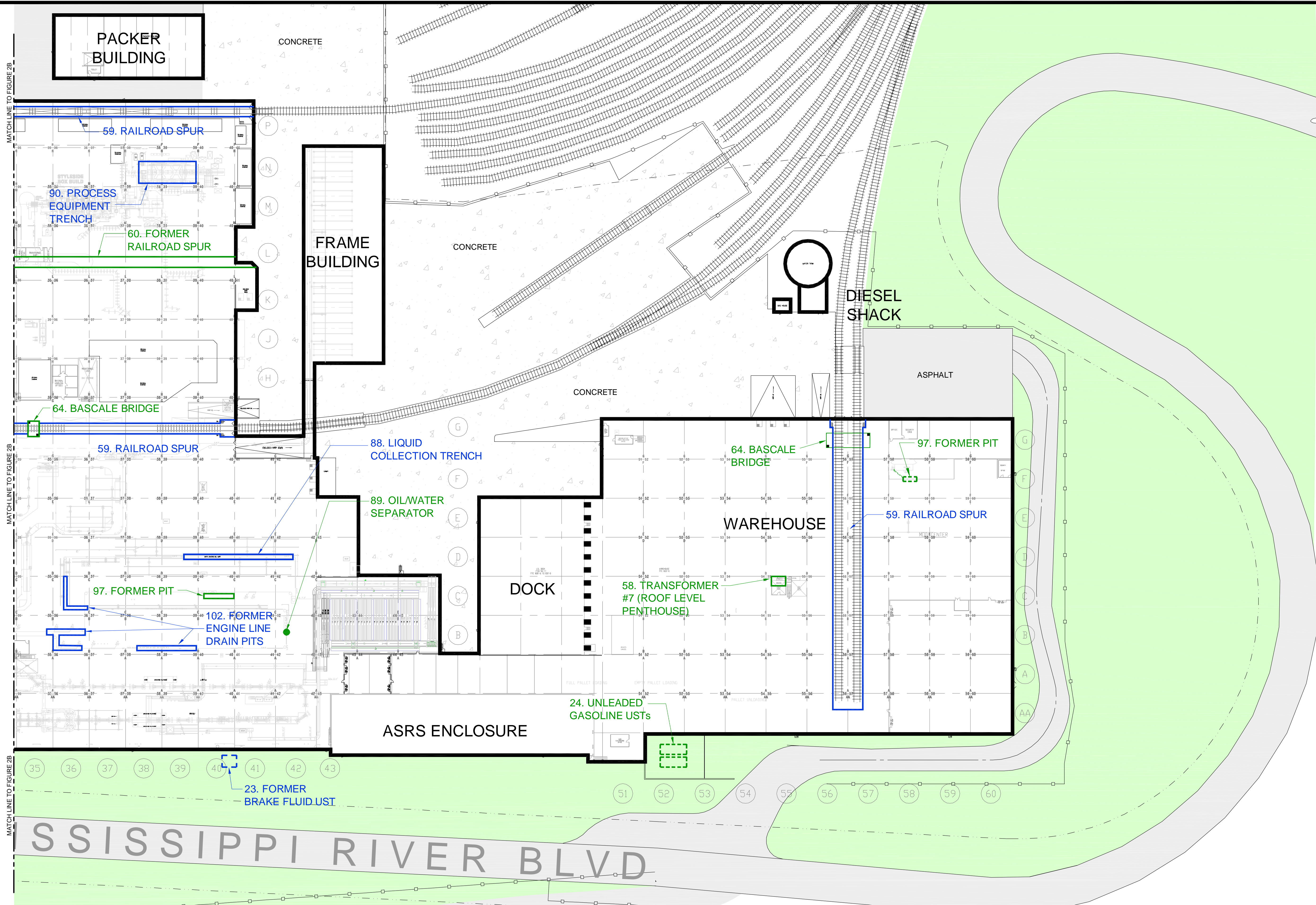
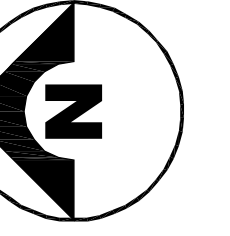
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**RECs, HISTORICAL RECs & AREAS OF INTEREST  
 MAIN ASSEMBLY BUILDING - N. PORTION  
 PHASE I ENVIRONMENTAL SITE ASSESSMENT  
 TWIN CITIES ASSEMBLY PLANT  
 ST. PAUL, MINNESOTA**

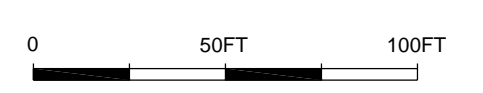
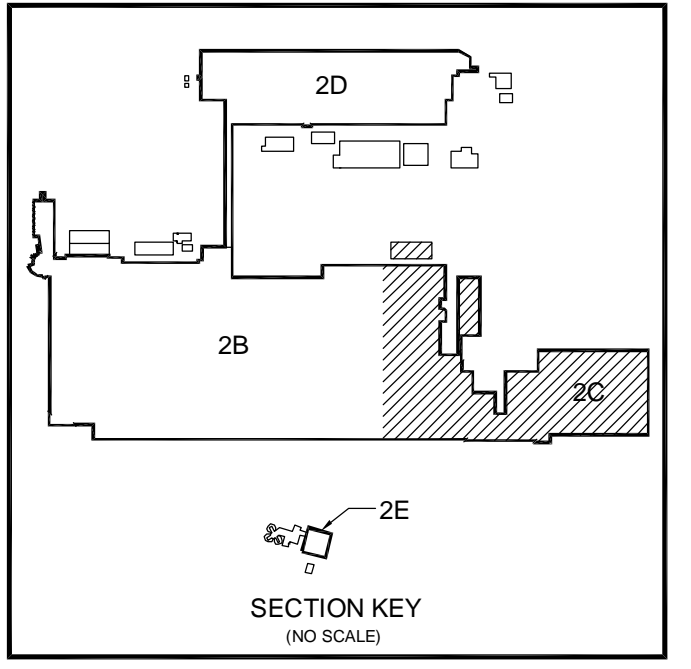
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Date	28-JUN-07
Figure	2B



**LEGEND**

- PROPERTY LINE
- - - FENCE LINE
- ▬ RAILROAD
- ▬ RECs
- ▬ AREA OF INTEREST
- ▬ BUILDING
- ▬ ASPHALT
- ▬ CONCRETE
- ▬ GRASS
- ▬ ASRS - AUTOMATED STORAGE RETRIEVAL SYSTEM

- NOTE**
1. THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 1A, 1B & 1C OF THE PHASE I REPORT DATED JUNE 2007.
  2. THE LOCATIONS OF THE FORMER FEATURES ARE APPROXIMATE.
  3. REFERENCES:
    - bldgmast.dwg
    - property.dwg
    - tc1b-ase.dwg
    - tc1p-ase Cleaned by DMc.dwg
  4. SUBGRADE FEATURES INDICATED BY DASHED LINES.



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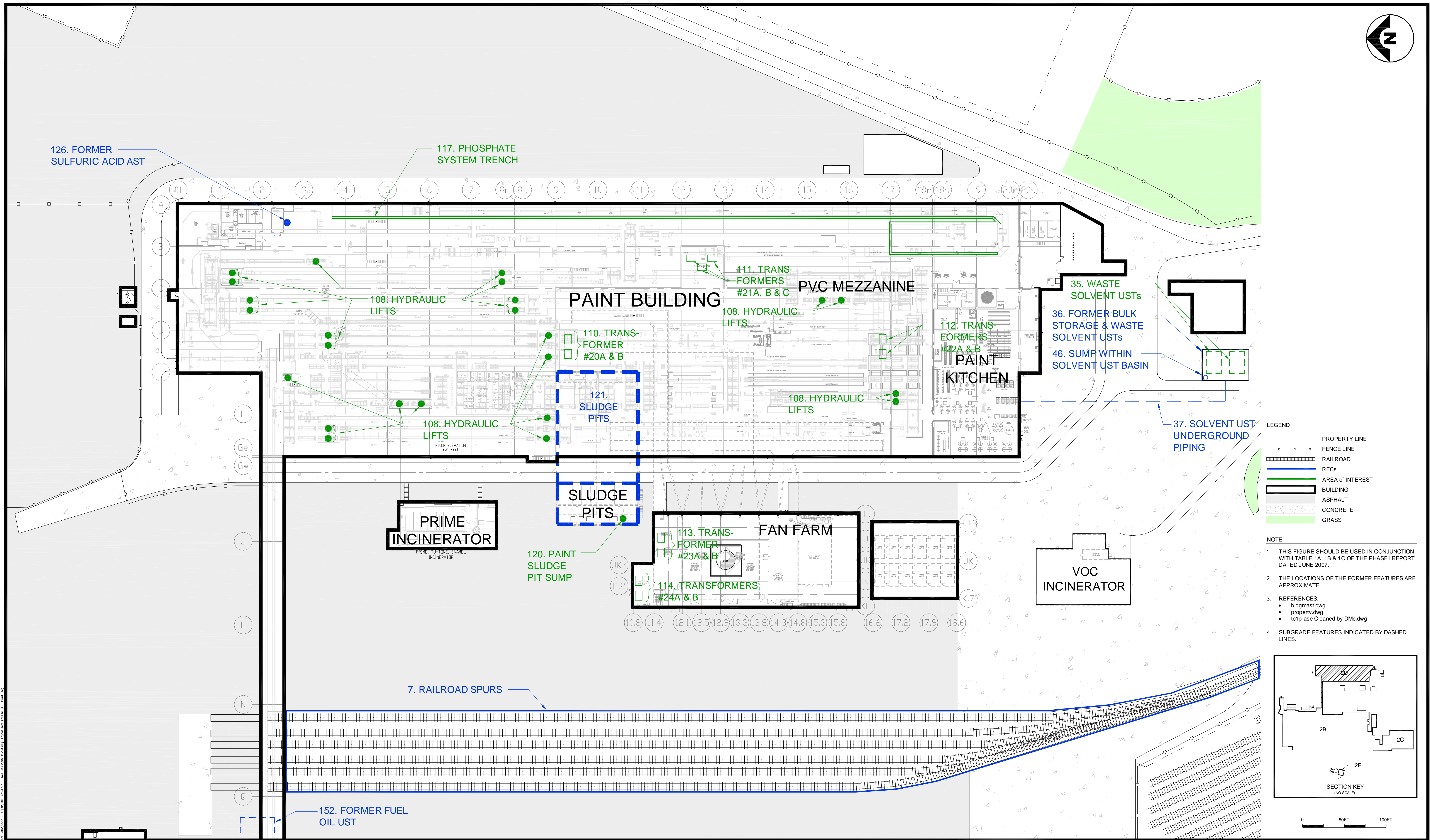
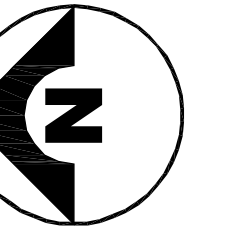
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**RECs, HISTORICAL RECs & AREAS OF INTEREST  
MAIN ASSEMBLY BUILDING - S. PORTION  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

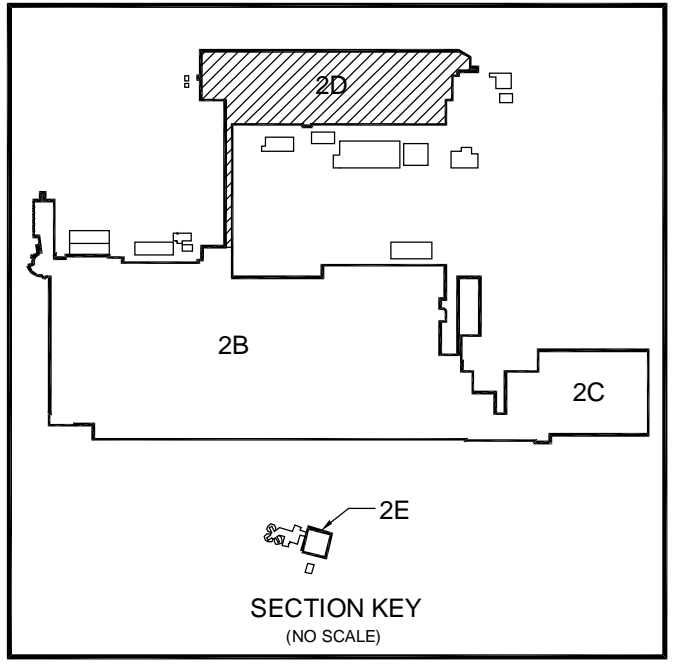
Project Number MN000588.0001
Date 27-JUN-07
Figure 2C



**LEGEND**

	PROPERTY LINE
	FENCE LINE
	RAILROAD
	RECs
	AREA OF INTEREST
	BUILDING
	ASPHALT
	CONCRETE
	GRASS

- NOTE**
1. THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 1A, 1B & 1C OF THE PHASE I REPORT DATED JUNE 2007.
  2. THE LOCATIONS OF THE FORMER FEATURES ARE APPROXIMATE.
  3. REFERENCES:
    - bidgsmst.dwg
    - property.dwg
    - tc1p-ase Cleaned by DMc.dwg
  4. SUBGRADE FEATURES INDICATED BY DASHED LINES.



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Project Director	E. CARMAN
Task Manager	L. FALER
Technical Review	D. SHELLY



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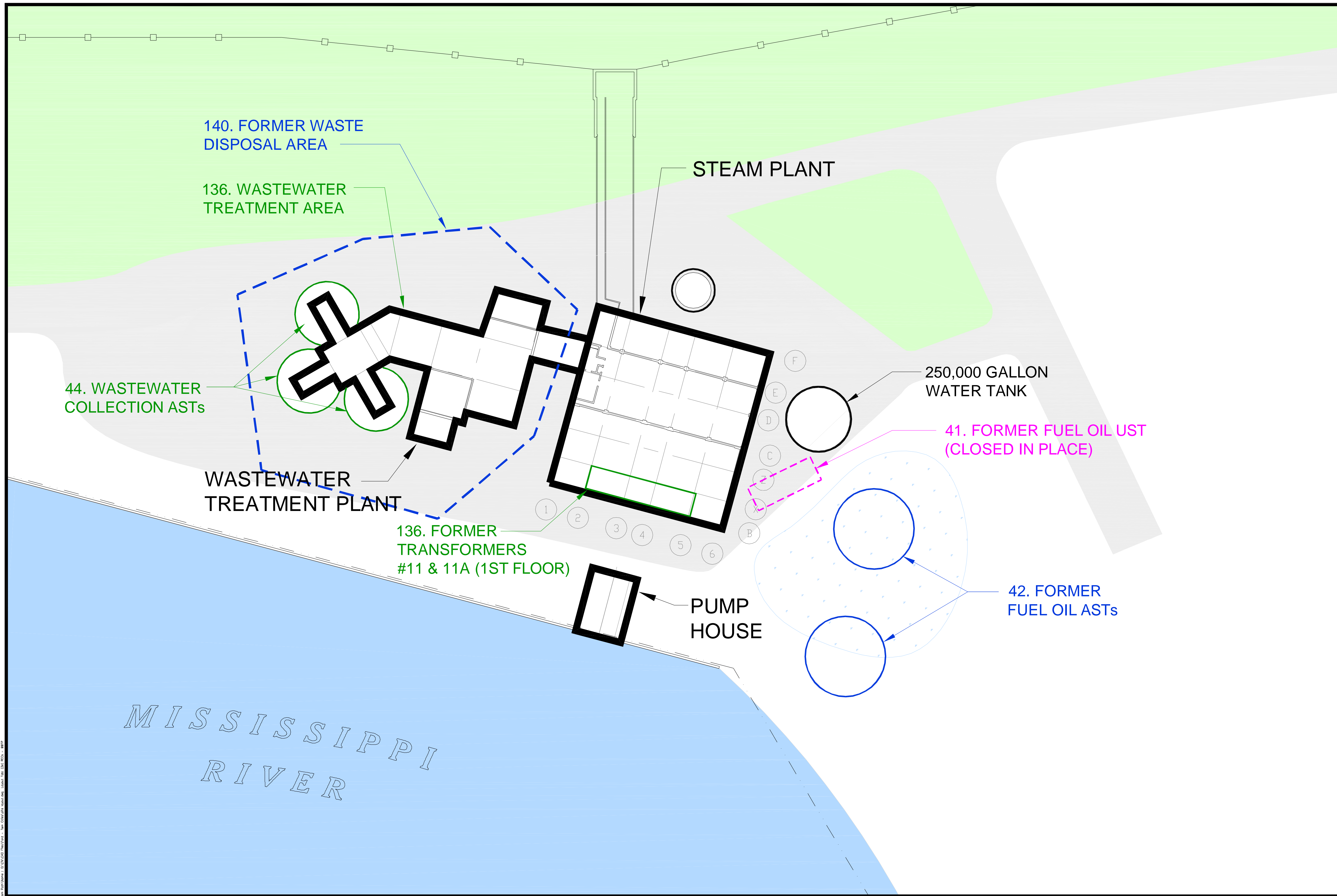
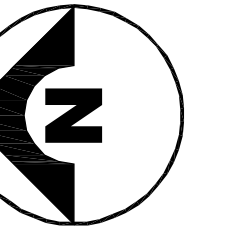
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**RECs, HISTORICAL RECs & AREAS OF INTEREST- PAINT BUILDING**  
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**TWIN CITIES ASSEMBLY PLANT**  
**ST. PAUL, MINNESOTA**

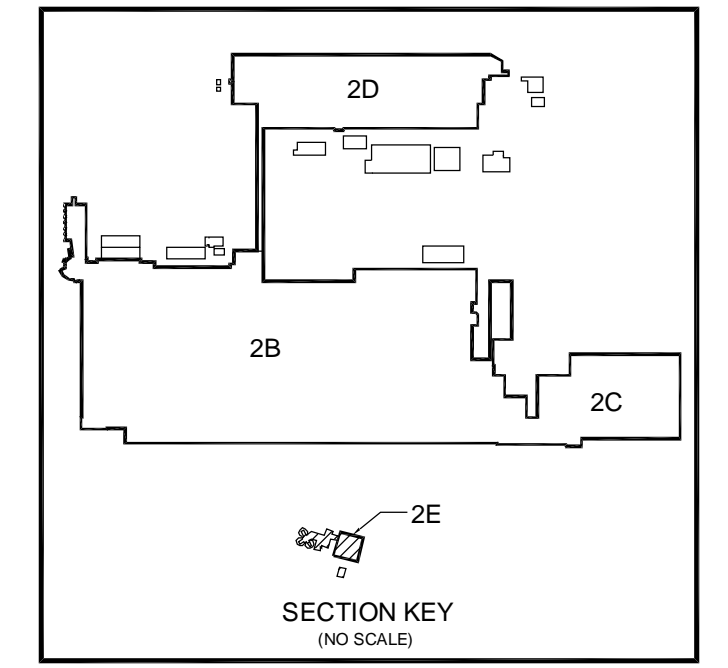
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Date	29-JUN-07
Figure	2D



**LEGEND**

- PROPERTY LINE
- - - FENCE LINE
- ||||| RAILROAD
- RECS
- HISTORIC RECS
- AREAS of INTEREST
- ▭ BUILDING
- ▭ ASPHALT
- ▭ DETENTION BASIN
- ▭ GRASS
- ▭ WATER

- NOTE**
1. THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 1A, 1B & 1C OF THE PHASE I REPORT DATED JUNE 2007.
  2. LOCATIONS OF FORMER FEATURES ARE APPROXIMATE.
  3. REFERENCES:
    - bldgmast.dwg
    - property.dwg
  4. SUBGRADE FEATURES INDICATED BY DASHED LINES.



Area Manager J. REID	FORD MOTOR COMPANY 
Project Director E. CARMAN	
Task Manager L. FALER	
Technical Review D. SHELLY	

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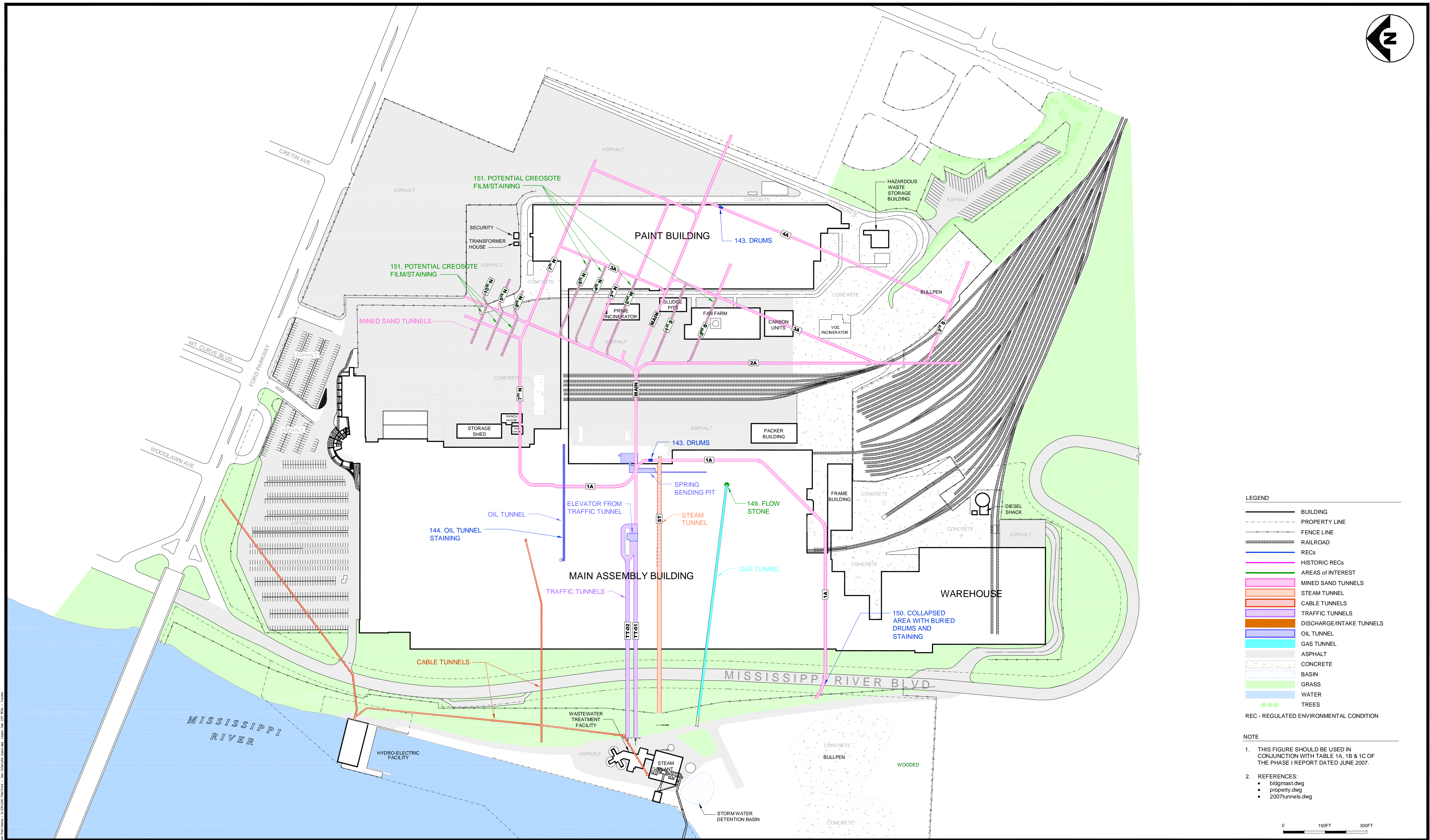
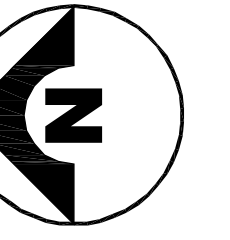
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**RECS, HISTORICAL RECS & AREAS OF INTEREST  
WWTP AND STEAM PLANT  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

Project Number MN000588.0001
Date 29-JUN-07
Figure 2E

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- LEGEND**
- BUILDING
  - - - PROPERTY LINE
  - - - FENCE LINE
  - RAILROAD
  - RECs
  - HISTORIC RECs
  - AREAS OF INTEREST
  - MINED SAND TUNNELS
  - STEAM TUNNEL
  - CABLE TUNNELS
  - TRAFFIC TUNNELS
  - DISCHARGE/INTAKE TUNNELS
  - OIL TUNNEL
  - GAS TUNNEL
  - ASPHALT
  - CONCRETE
  - BASIN
  - GRASS
  - WATER
  - TREES
- REC - REGULATED ENVIRONMENTAL CONDITION

- NOTE**
- THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 1A, 1B & 1C OF THE PHASE I REPORT DATED JUNE 2007.
  - REFERENCES:
    - bldgmast.dwg
    - property.dwg
    - 2007tunnels.dwg



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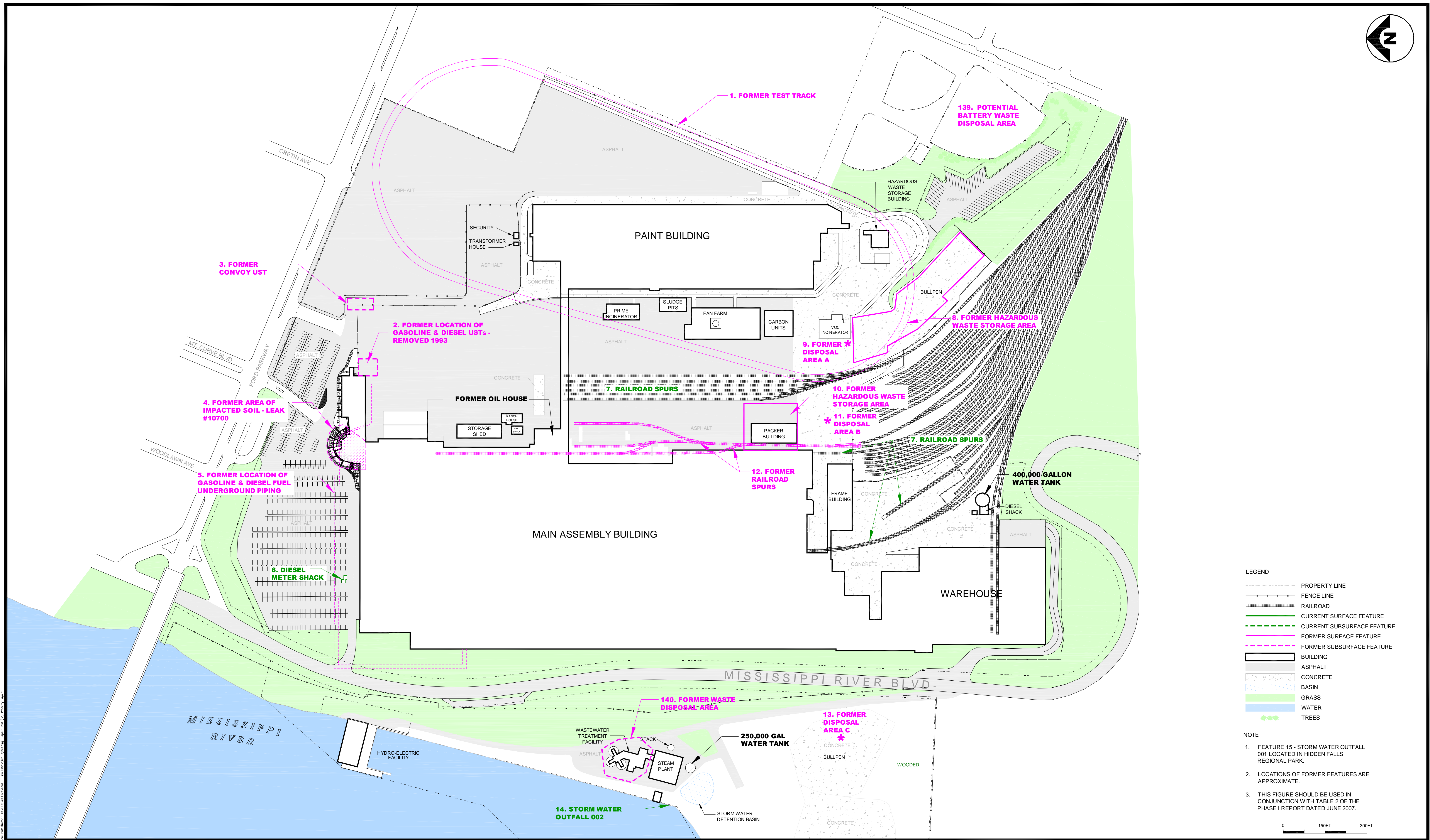
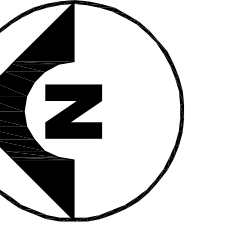
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PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

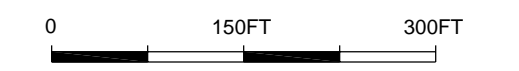
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Figure 2F



**LEGEND**

---	PROPERTY LINE
---	FENCE LINE
---	RAILROAD
---	CURRENT SURFACE FEATURE
---	CURRENT SUBSURFACE FEATURE
---	FORMER SURFACE FEATURE
---	FORMER SUBSURFACE FEATURE
---	BUILDING
---	ASPHALT
---	CONCRETE
---	BASIN
---	GRASS
---	WATER
---	TREES

- NOTE**
1. FEATURE 15 - STORM WATER OUTFALL 001 LOCATED IN HIDDEN FALLS REGIONAL PARK.
  2. LOCATIONS OF FORMER FEATURES ARE APPROXIMATE.
  3. THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLE 2 OF THE PHASE I REPORT DATED JUNE 2007.



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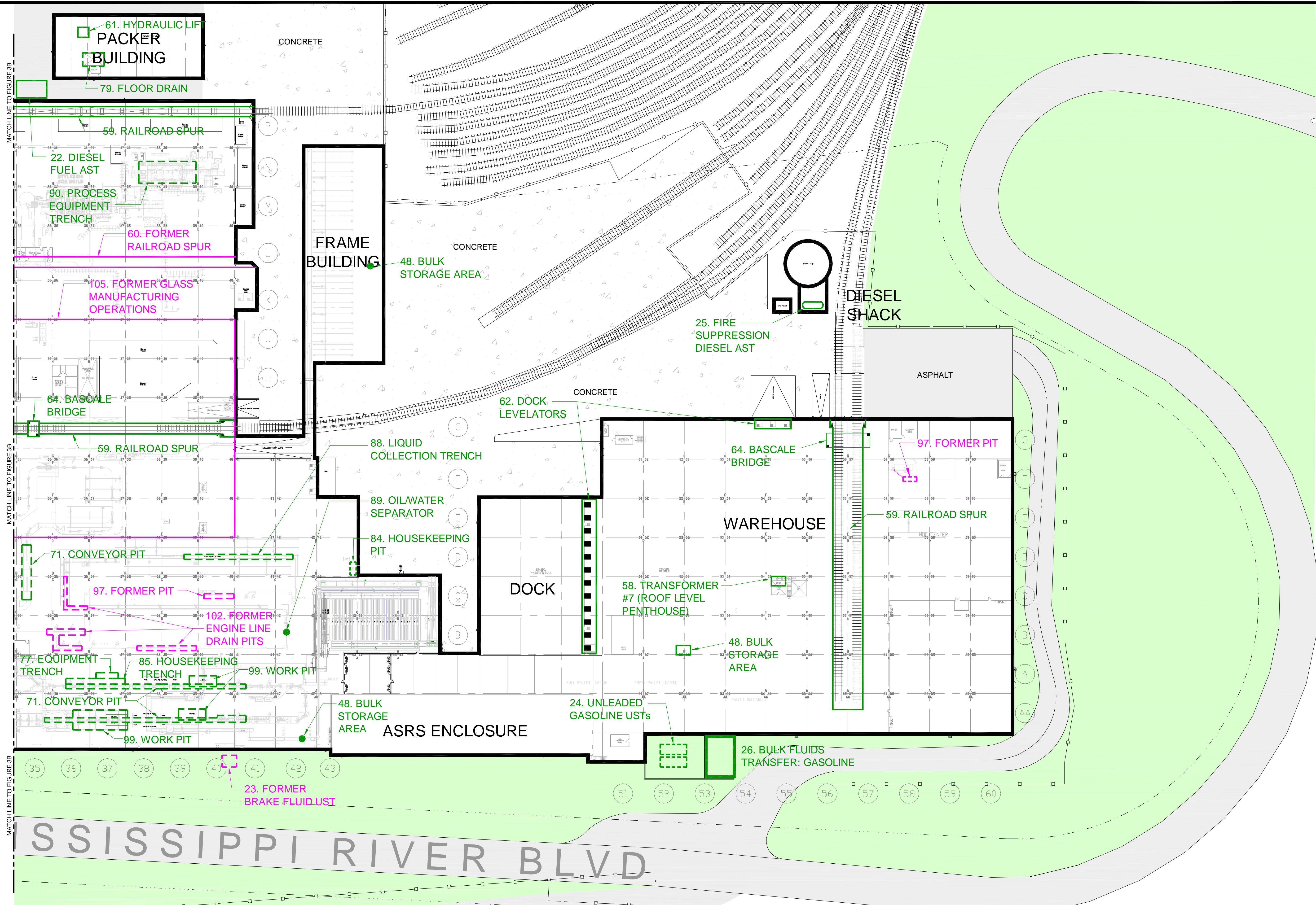
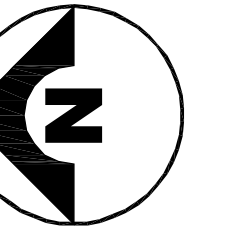
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**PROPERTY LAYOUT  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

Project Number MN000588.0001
Date 27-JUN-07
Figure 3A

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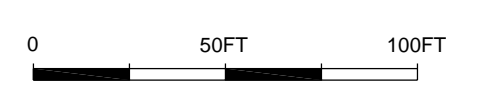
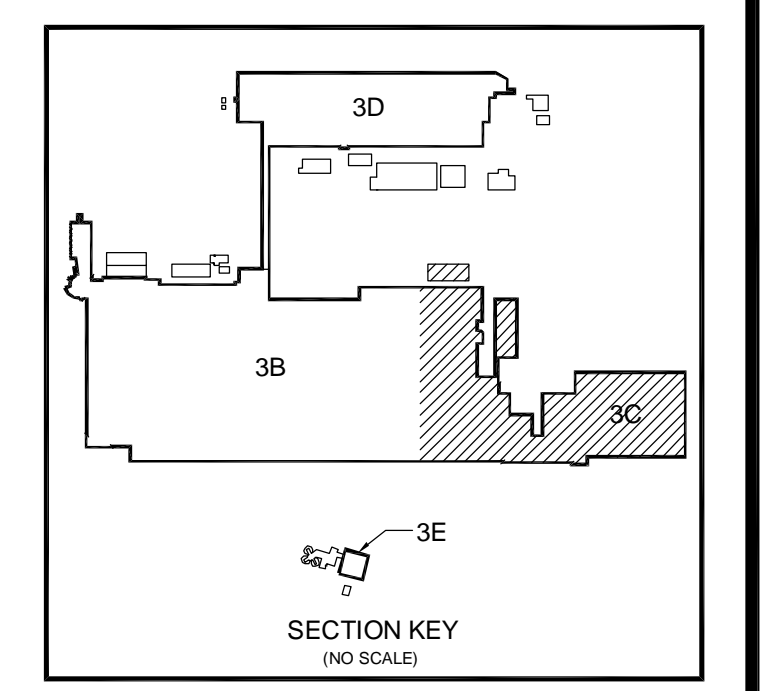


**LEGEND**

	PROPERTY LINE
	FENCE LINE
	RAILROAD
	CURRENT SURFACE FEATURE
	CURRENT SUBSURFACE FEATURE
	FORMER SURFACE FEATURE
	FORMER SUBSURFACE FEATURE
	BUILDING
	ASPHALT
	CONCRETE
	GRASS

ASRS - AUTOMATED STORAGE RETRIEVAL SYSTEM

- NOTE**
- THIS FIGURE SHOULD BE REVIEWED IN CONJUNCTION WITH TABLE 2 OF THE PHASE I REPORT DATED JUNE 2007.
  - THE LOCATIONS OF THE FORMER FEATURES ARE APPROXIMATE.
  - REFERENCES:
    - bldgmast.dwg
    - property.dwg
    - tc1b-ase.dwg
    - tc1p-ase Cleaned by DMc.dwg



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Project Director E. CARMAN	
Task Manager L. FALER	
Technical Review D. SHELLY	

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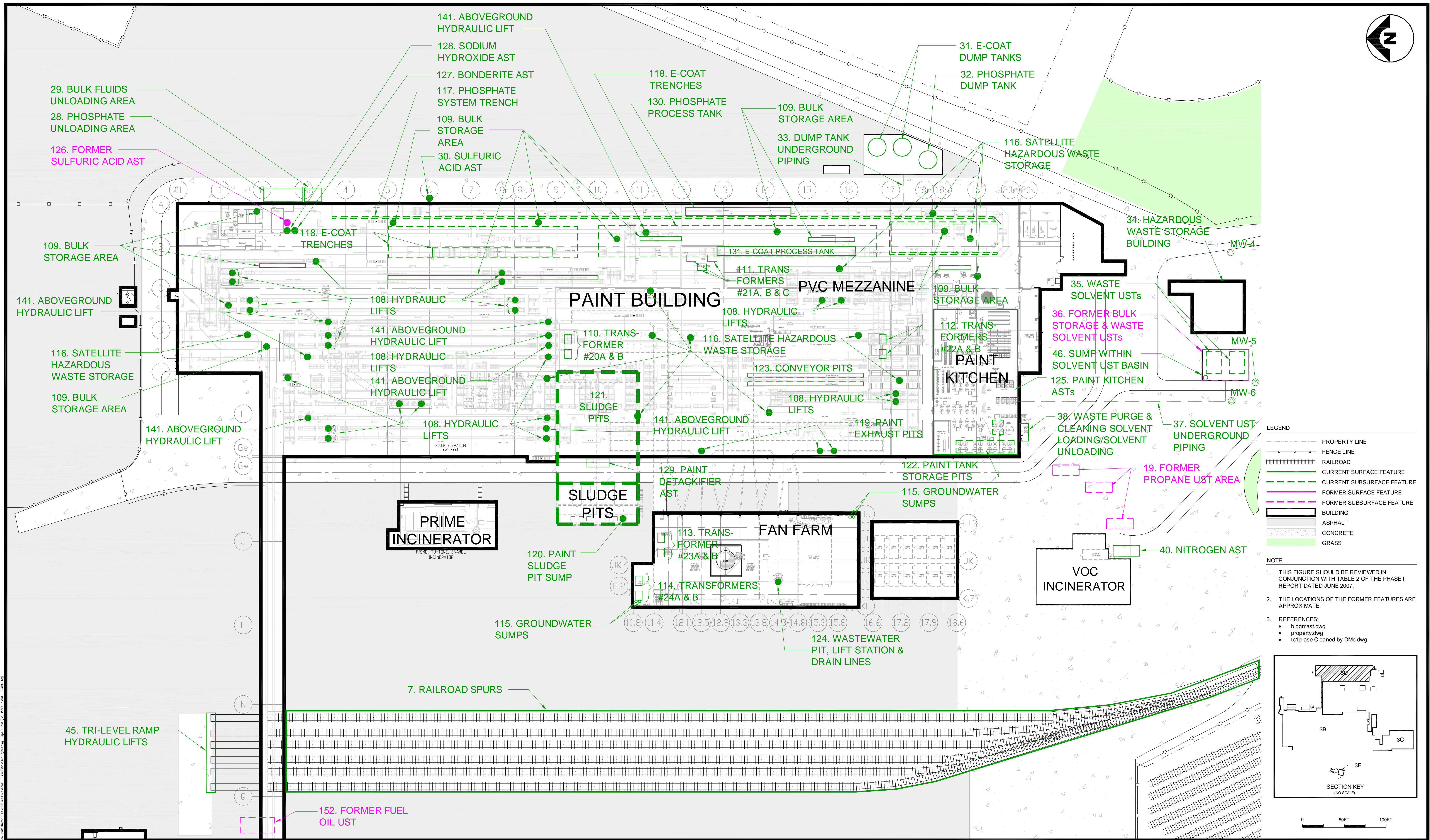
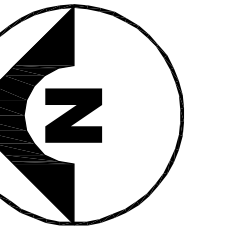
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**PLANT LAYOUT - MAIN ASSEMBLY BUILDING - S. PORTION**  
**PHASE I ENVIRONMENTAL SITE ASSESSMENT**  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA

Project Number MN000588.0001
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Figure 3C

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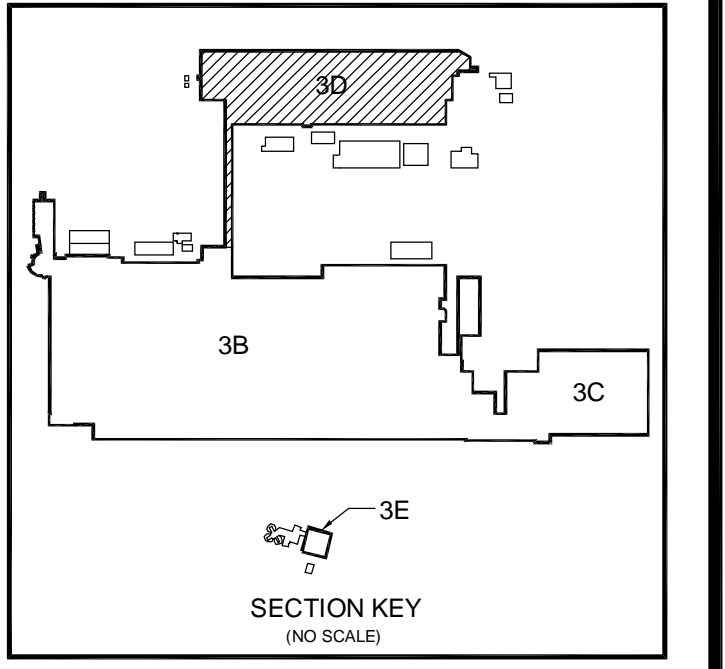


**LEGEND**

- PROPERTY LINE
- FENCE LINE
- RAILROAD
- CURRENT SURFACE FEATURE
- CURRENT SUBSURFACE FEATURE
- FORMER SURFACE FEATURE
- FORMER SUBSURFACE FEATURE
- BUILDING
- ASPHALT
- CONCRETE
- GRASS

**NOTE**

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- REFERENCES:
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  - property.dwg
  - tc1p-ase Cleaned by DMC.dwg



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Project Director  
E. CARMAN

Task Manager  
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Technical Review  
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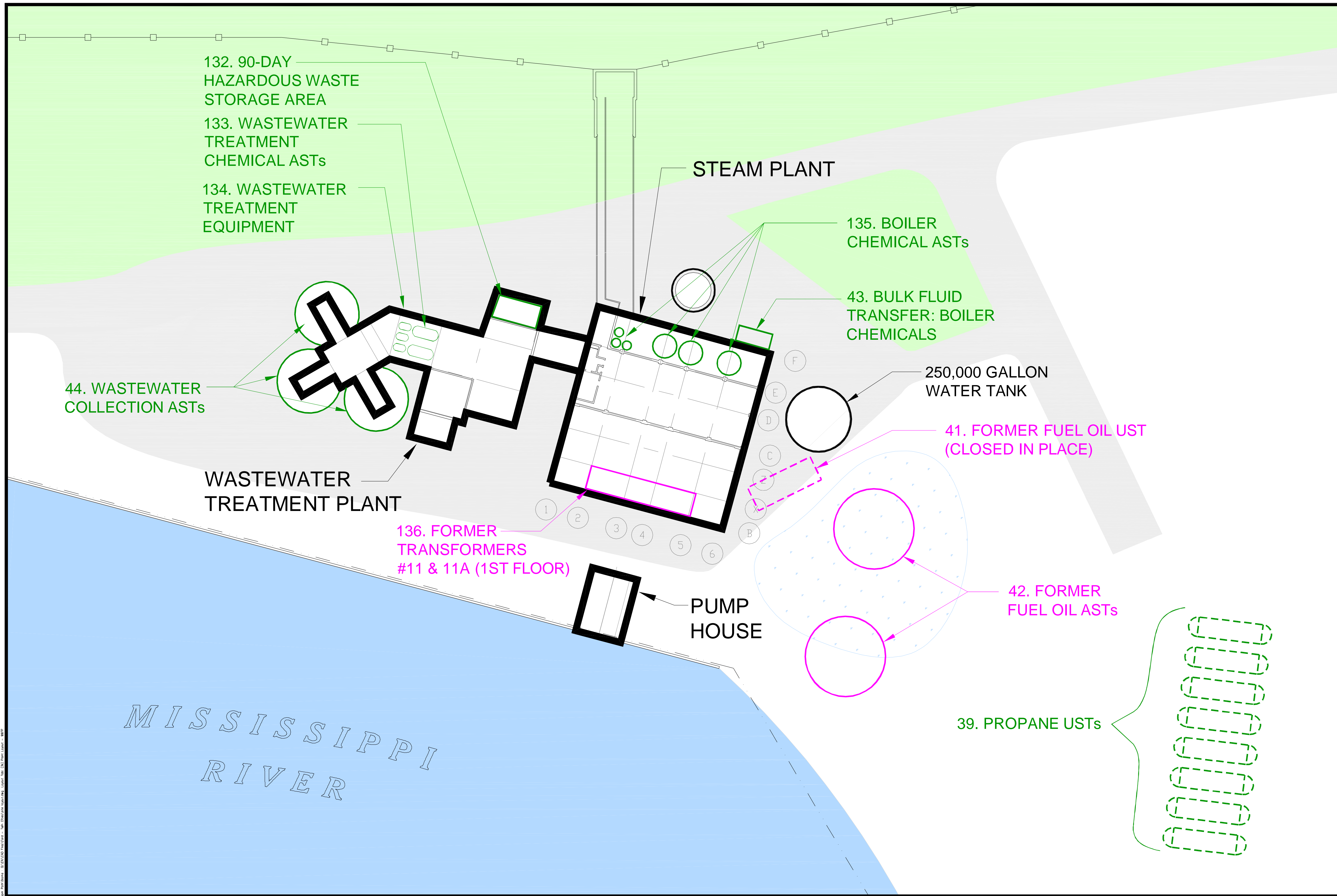
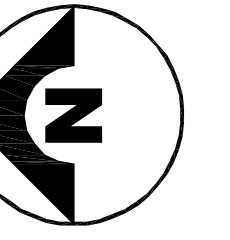
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**PLANT LAYOUT - PAINT BUILDING**  
**PHASE I ENVIRONMENTAL SITE ASSESSMENT**  
**TWIN CITIES ASSEMBLY PLANT**  
**ST. PAUL, MINNESOTA**

Project Number  
MN000588.0001

Date  
27-JUN-07

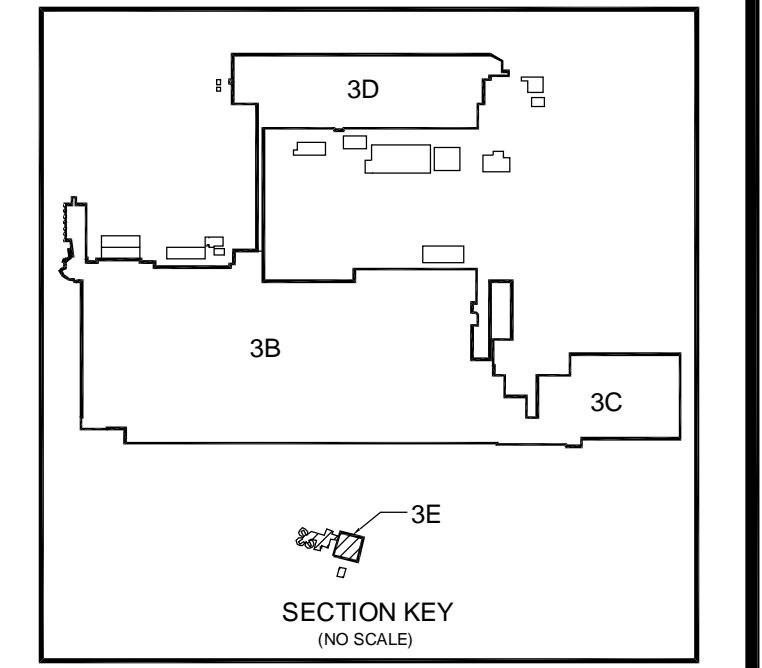
Figure  
3D



**LEGEND**

---	PROPERTY LINE
---	FENCE LINE
	RAILROAD
---	CURRENT SURFACE FEATURE
---	CURRENT SUBSURFACE FEATURE
---	FORMER SURFACE FEATURE
---	FORMER SUBSURFACE FEATURE
▭	BUILDING
▭	ASPHALT
▭	DETENTION BASIN
▭	GRASS
▭	WATER

- NOTE**
- THIS FIGURE SHOULD BE REVIEWED IN CONJUNCTION WITH TABLE 2 OF THE PHASE I REPORT DATED JUNE 2007.
  - LOCATIONS OF FORMER FEATURES ARE APPROXIMATE.
  - REFERENCES:
    - bldgmast.dwg
    - property.dwg



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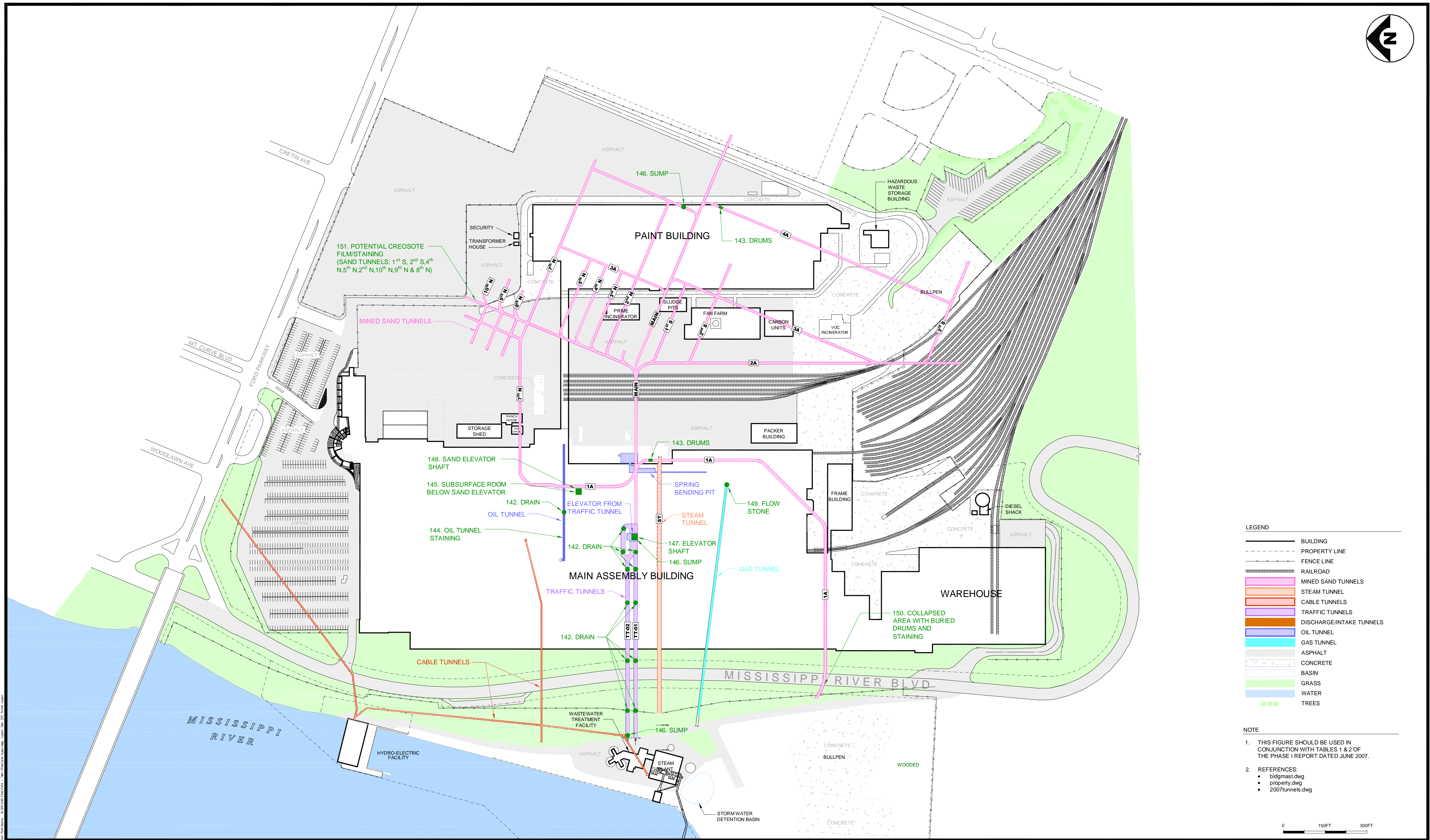
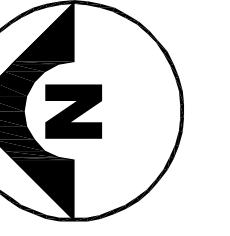
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**PLANT LAYOUT - WWTP AND STEAM PLANT  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

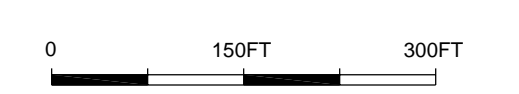
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Date 27-JUN-07
Figure 3E



**LEGEND**

[Symbol]	BUILDING
[Symbol]	PROPERTY LINE
[Symbol]	FENCE LINE
[Symbol]	RAILROAD
[Symbol]	MINED SAND TUNNELS
[Symbol]	STEAM TUNNEL
[Symbol]	CABLE TUNNELS
[Symbol]	TRAFFIC TUNNELS
[Symbol]	DISCHARGE/INTAKE TUNNELS
[Symbol]	OIL TUNNEL
[Symbol]	GAS TUNNEL
[Symbol]	ASPHALT
[Symbol]	CONCRETE
[Symbol]	BASIN
[Symbol]	GRASS
[Symbol]	WATER
[Symbol]	TREES

- NOTE**
- THIS FIGURE SHOULD BE USED IN CONJUNCTION WITH TABLES 1 & 2 OF THE PHASE I REPORT DATED JUNE 2007.
  - REFERENCES:
    - bldgmast.dwg
    - property.dwg
    - 2007tunnels.dwg



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Task Manager L. FALER	
Technical Review D. SHELLY	

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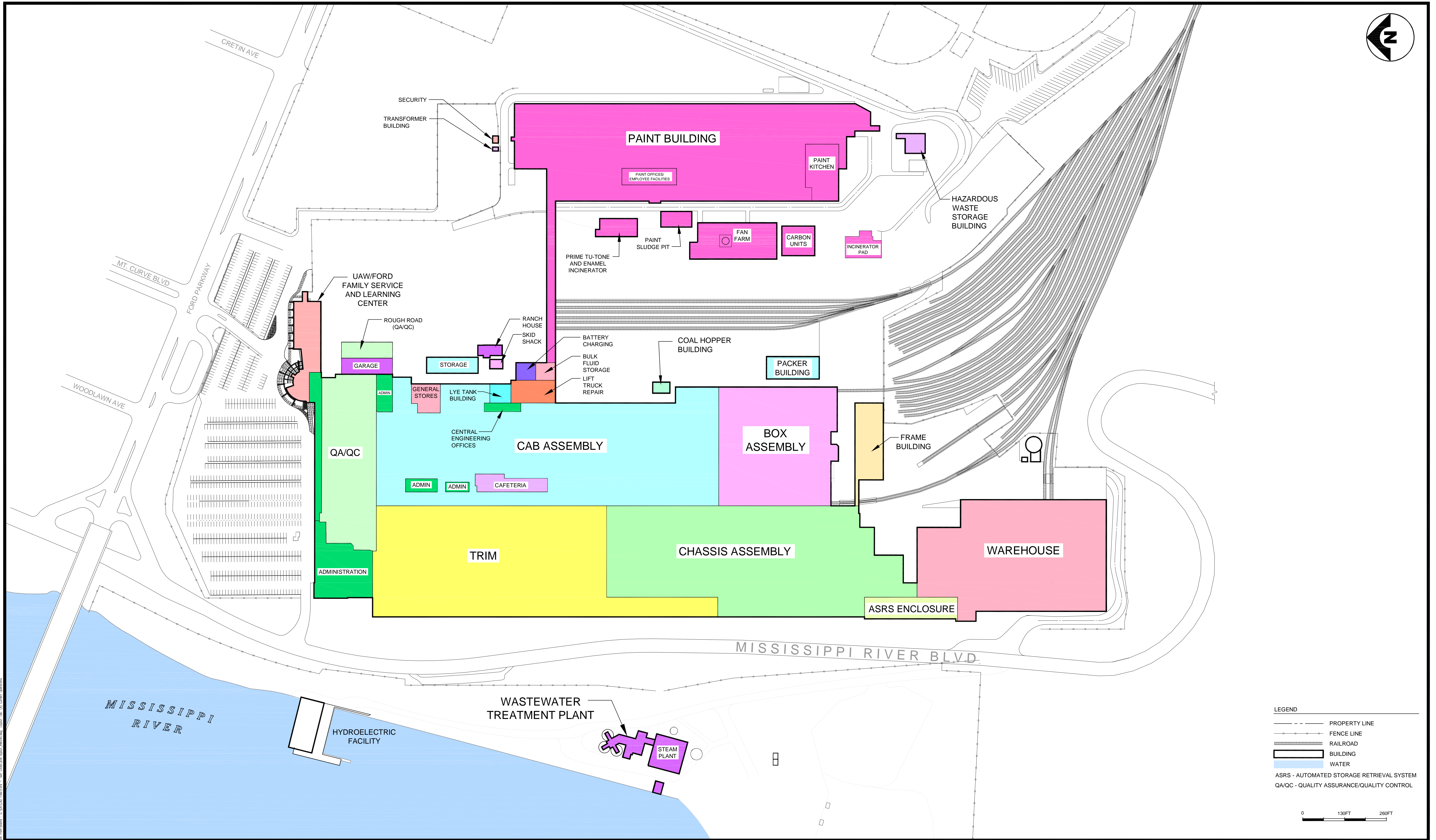
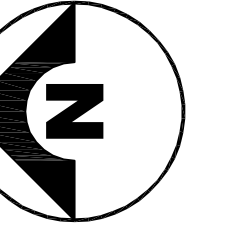
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**SUBSURFACE TUNNEL LAYOUT  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

Project Number MN000588.0001
Date 27-JUN-07
Figure 3F

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**LEGEND**

- PROPERTY LINE
- - - FENCE LINE
- ==== RAILROAD
- ▭ BUILDING
- WATER

ASRS - AUTOMATED STORAGE RETRIEVAL SYSTEM  
QA/QC - QUALITY ASSURANCE/QUALITY CONTROL

0 130FT 260FT

Area Manager  
J. REID  
Project Director  
E. CARMAN  
Task Manager  
L. FALER  
Technical Review  
D. SHELLY

FORD MOTOR COMPANY



REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RWW

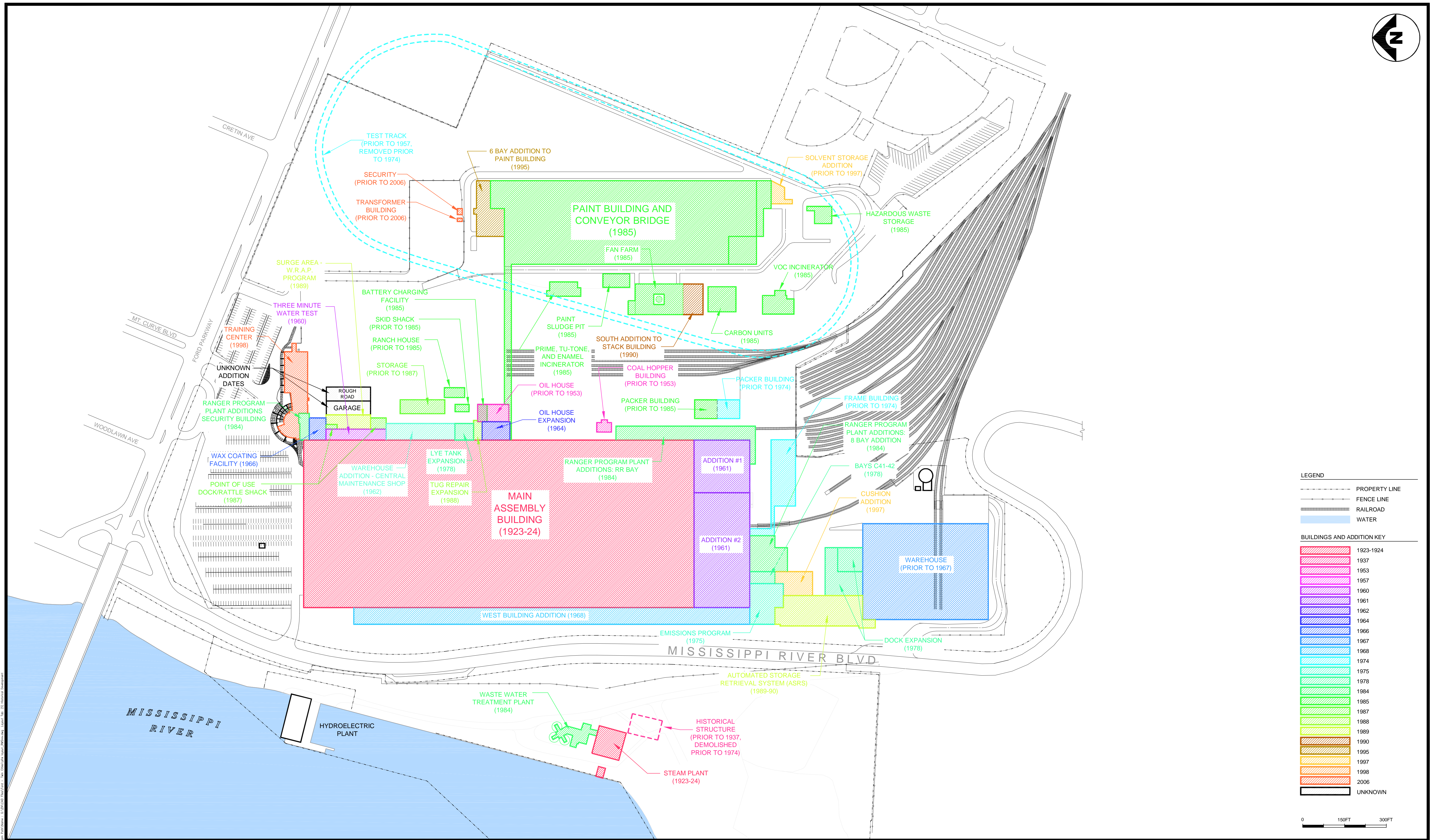
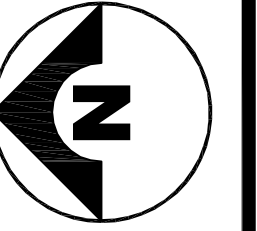
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**CURRENT OPERATIONS  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

Project Number  
MN000588.0001  
Date  
16-MAY-07  
Figure  
4



**LEGEND**

- PROPERTY LINE
- FENCE LINE
- RAILROAD
- WATER

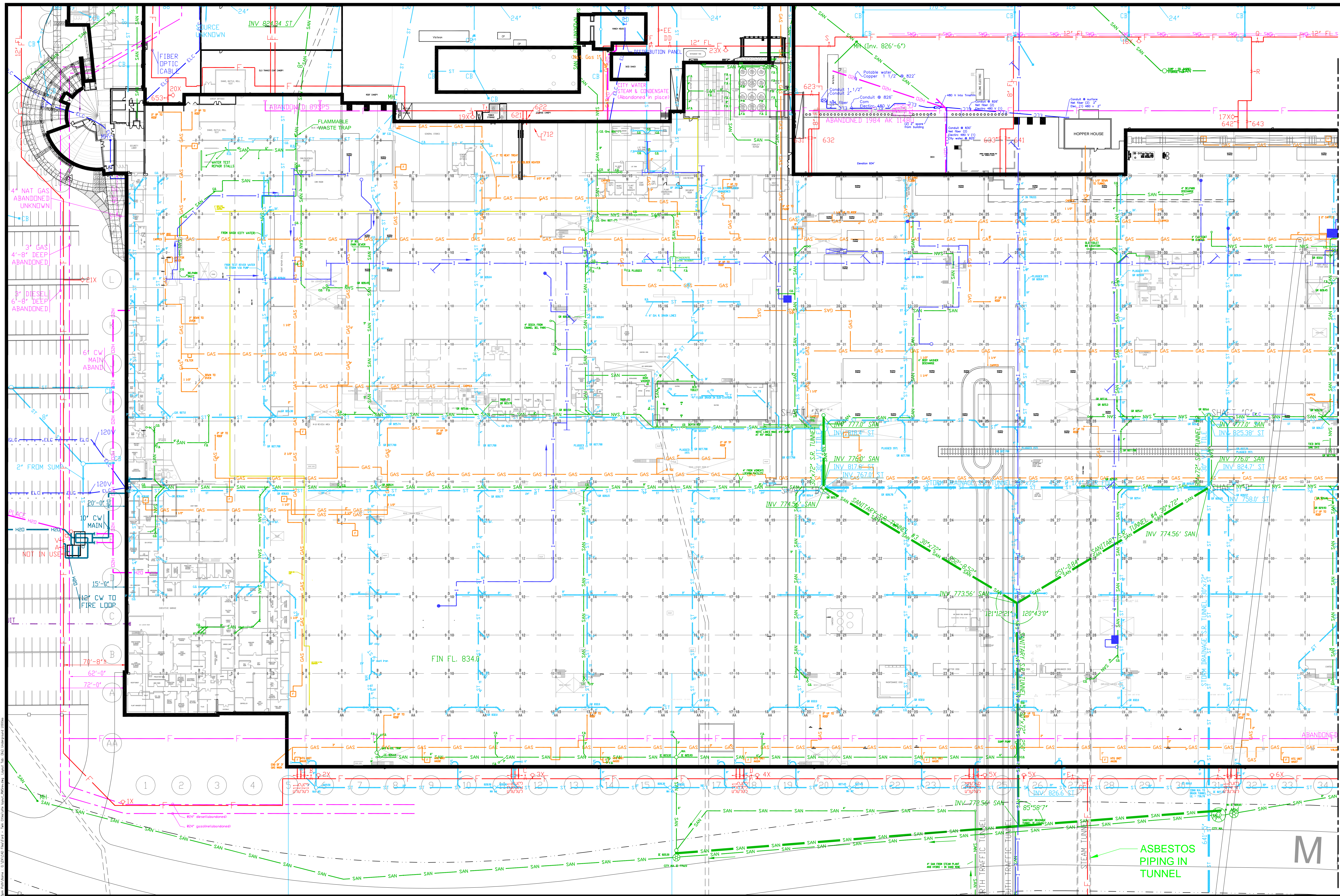
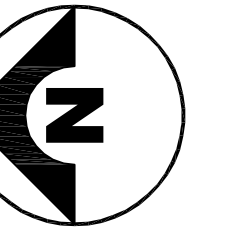
**BUILDINGS AND ADDITION KEY**

[Red hatched]	1923-1924
[Pink hatched]	1937
[Light pink hatched]	1953
[Light purple hatched]	1957
[Purple hatched]	1960
[Dark purple hatched]	1961
[Blue-purple hatched]	1962
[Blue hatched]	1964
[Light blue hatched]	1966
[Cyan hatched]	1967
[Light cyan hatched]	1968
[Light green hatched]	1974
[Green hatched]	1975
[Light green hatched]	1978
[Green hatched]	1984
[Light green hatched]	1985
[Light green hatched]	1987
[Light green hatched]	1988
[Light green hatched]	1989
[Orange hatched]	1990
[Yellow-orange hatched]	1995
[Yellow hatched]	1997
[Light orange hatched]	1998
[Light orange hatched]	2006
[White box]	UNKNOWN

0 150FT 300FT

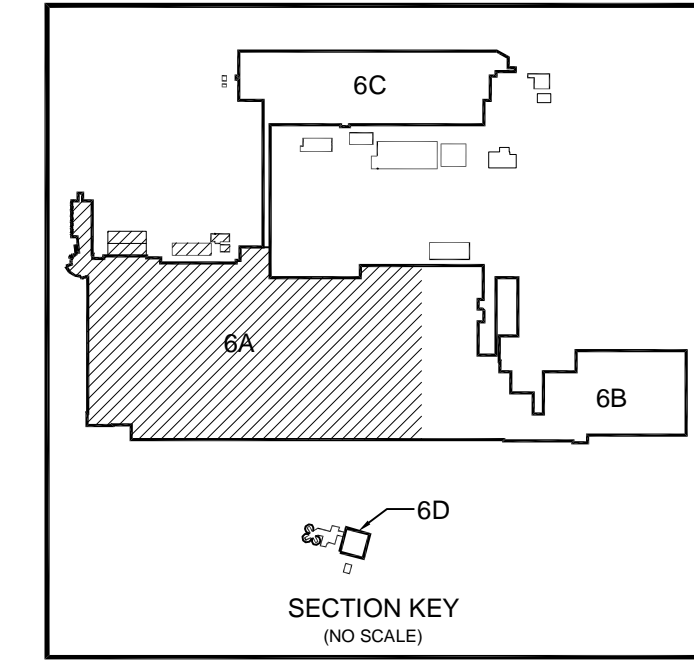
<p>Area Manager J. REID</p> <p>Project Director E. CARMAN</p> <p>Task Manager L. FALER</p> <p>Technical Review D. SHELLY</p>	<p>FORD MOTOR COMPANY</p>	<p>SCALE VERIFICATION</p> <p>THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING:</p> <p>USE TO VERIFY FIGURE REPRODUCTION SCALE</p>	<p>28550 Cabot Drive, Suite 500 Novi, Michigan 48377 Ph: 248.994.2240 Fx: 248.994.2241 www.arcadis-us.com</p>	<p><b>HISTORICAL DEVELOPMENT PHASE I ENVIRONMENTAL SITE ASSESSMENT TWIN CITIES ASSEMBLY PLANT ST. PAUL, MINNESOTA</b></p>	<p>Project Number MN000588.0001</p> <p>Date 09-MAY-07</p> <p>Figure 5</p>
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- LEGEND**
- PROPERTY LINE
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  - RAILROAD
  - GAS LINE
  - ELECTRICAL LINE
  - FIRE LINE
  - WATER LINE
  - REFRIGERANT LINE
  - PROPANE LINE
  - TELEPHONE LINE
  - SANITARY SEWER LINE
  - STORM SEWER LINE
  - INDUSTRIAL WASTE LINE
  - ABANDONED UTILITIES
  - BUILDING

**NOTE**  
1. REFERENCE:  
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J. REID  
Project Director  
E. CARMAN  
Task Manager  
L. FALER  
Technical Review  
D. SHELLY



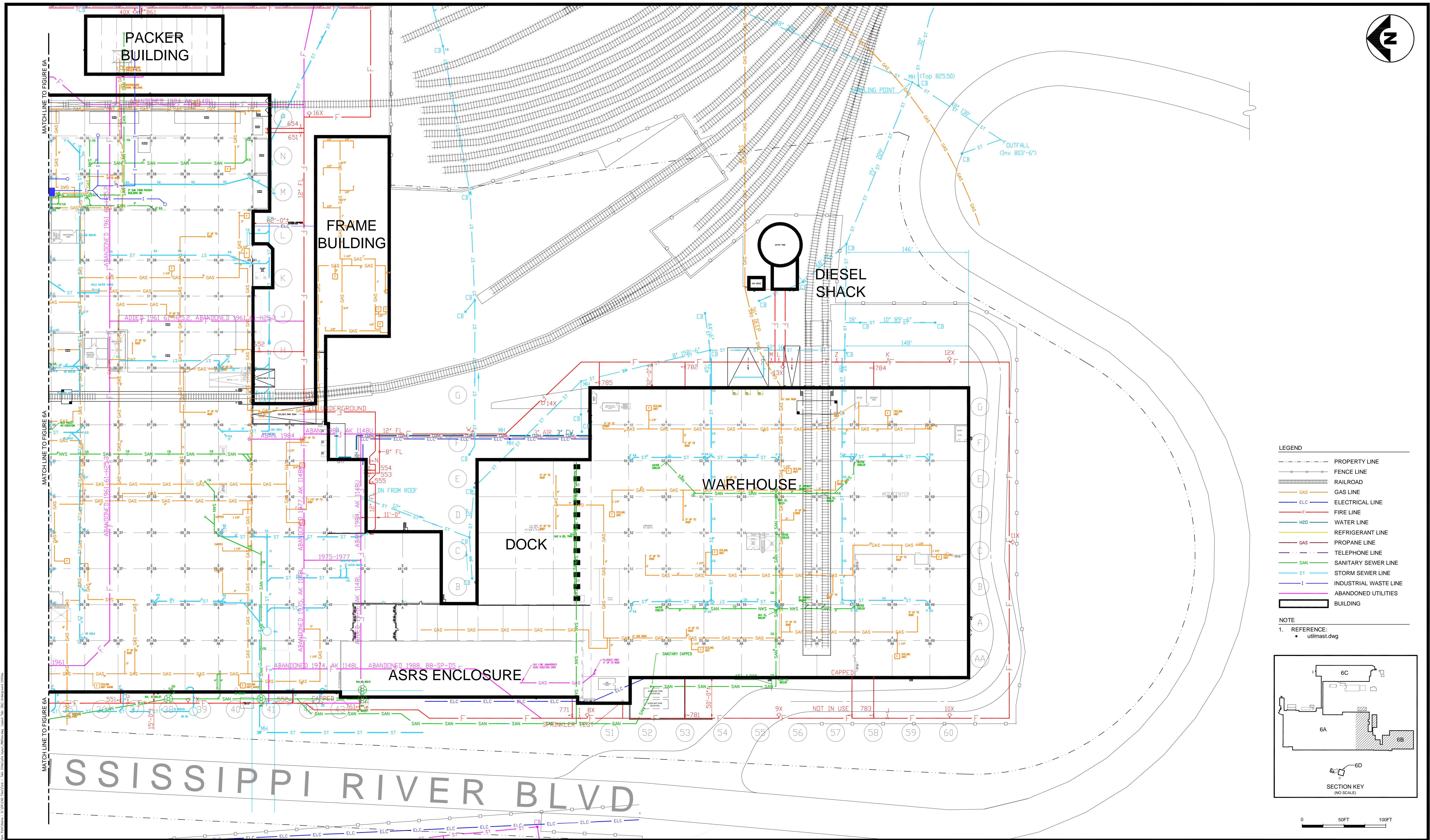
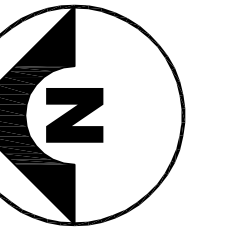
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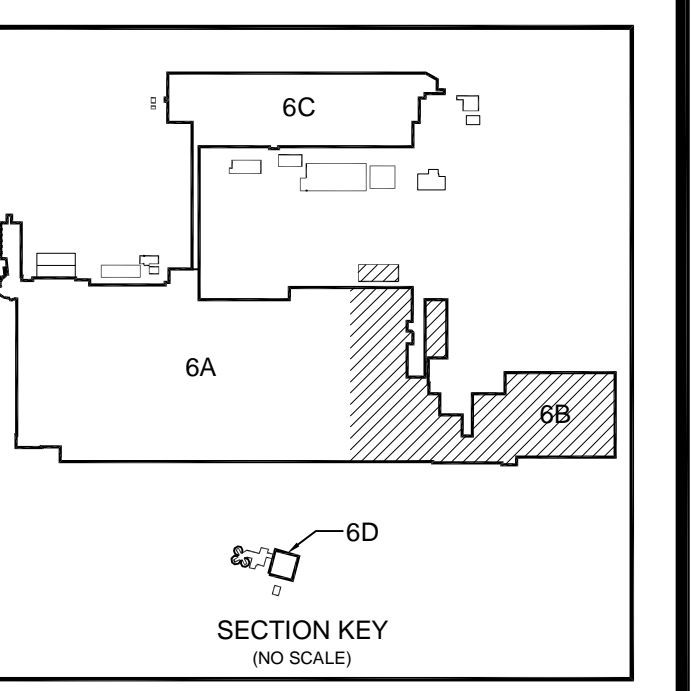
**UNDERGROUND UTILITIES - MAIN ASSEMBLY BUILDING - N. PORTION**  
**PHASE I ENVIRONMENTAL SITE ASSESSMENT**  
**TWIN CITIES ASSEMBLY PLANT**  
**ST. PAUL, MINNESOTA**

Project Number  
MN000588.0001  
Date  
05-JUN-07  
Figure  
6A



- LEGEND**
- PROPERTY LINE
  - FENCE LINE
  - RAILROAD
  - GAS LINE
  - ELC LINE
  - FIRE LINE
  - WATER LINE
  - REFRIGERANT LINE
  - PROPANE LINE
  - TELEPHONE LINE
  - SANITARY SEWER LINE
  - STORM SEWER LINE
  - INDUSTRIAL WASTE LINE
  - ABANDONED UTILITIES
  - BUILDING

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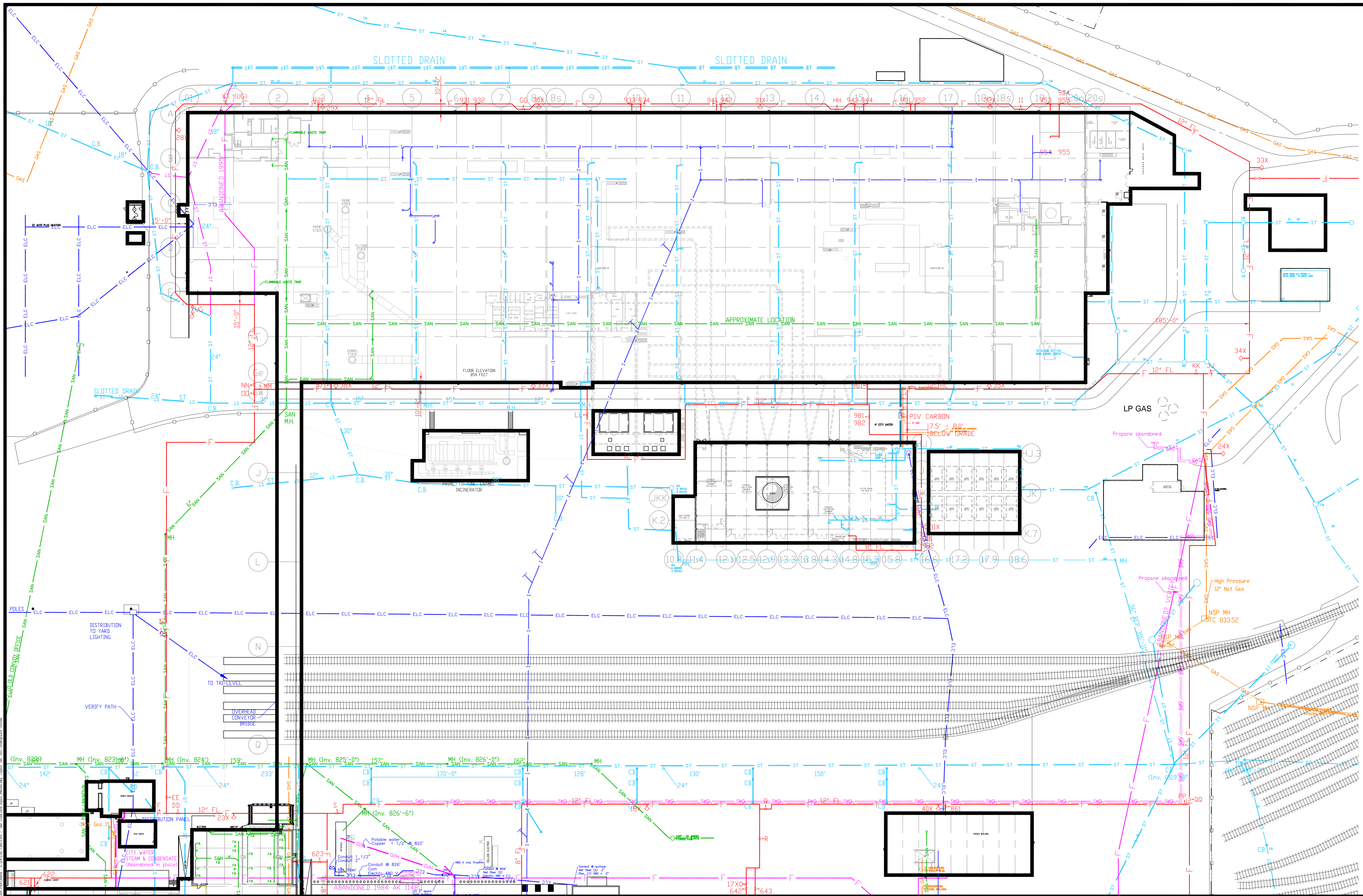
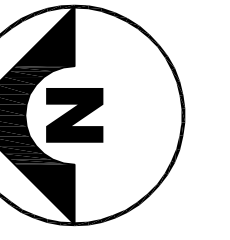
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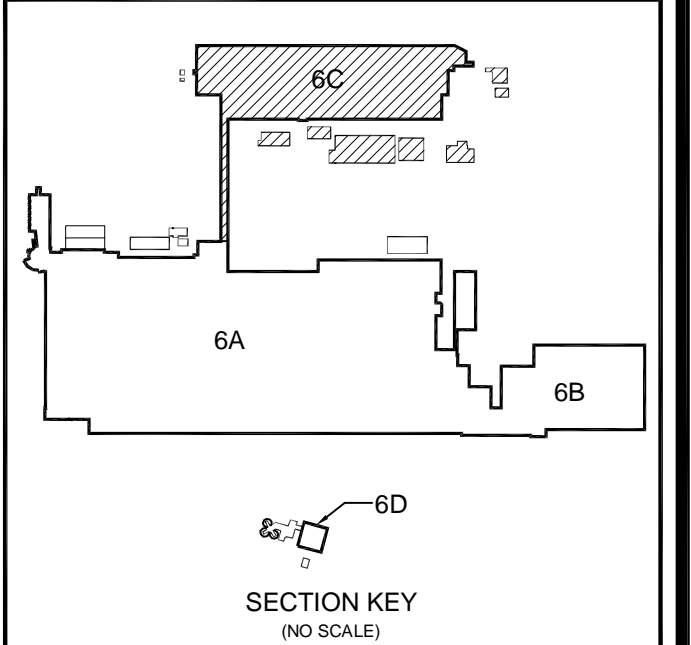
**UNDERGROUND UTILITIES - MAIN ASSEMBLY BUILDING - S. PORTION**  
**PHASE I ENVIRONMENTAL SITE ASSESSMENT**  
 TWIN CITIES ASSEMBLY PLANT  
 ST. PAUL, MINNESOTA

Project Number MN000588.0001
Date 05-JUN-07
Figure 6B



- LEGEND**
- PROPERTY LINE
  - FENCE LINE
  - RAILROAD
  - GAS LINE
  - ELC LINE
  - FIRE LINE
  - H2O
  - WATER LINE
  - REFRIGERANT LINE
  - PROPANE LINE
  - TELEPHONE LINE
  - SANITARY SEWER LINE
  - ST
  - STORM SEWER LINE
  - INDUSTRIAL WASTE LINE
  - ABANDONED UTILITIES
  - BUILDING

**NOTE**  
1. REFERENCE:  
• utimast.dwg



Area Manager  
**J. REID**

Project Director  
**E. CARMAN**

Task Manager  
**L. FALER**

Technical Review  
**D. SHELLY**

**FORD MOTOR COMPANY**

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RWW

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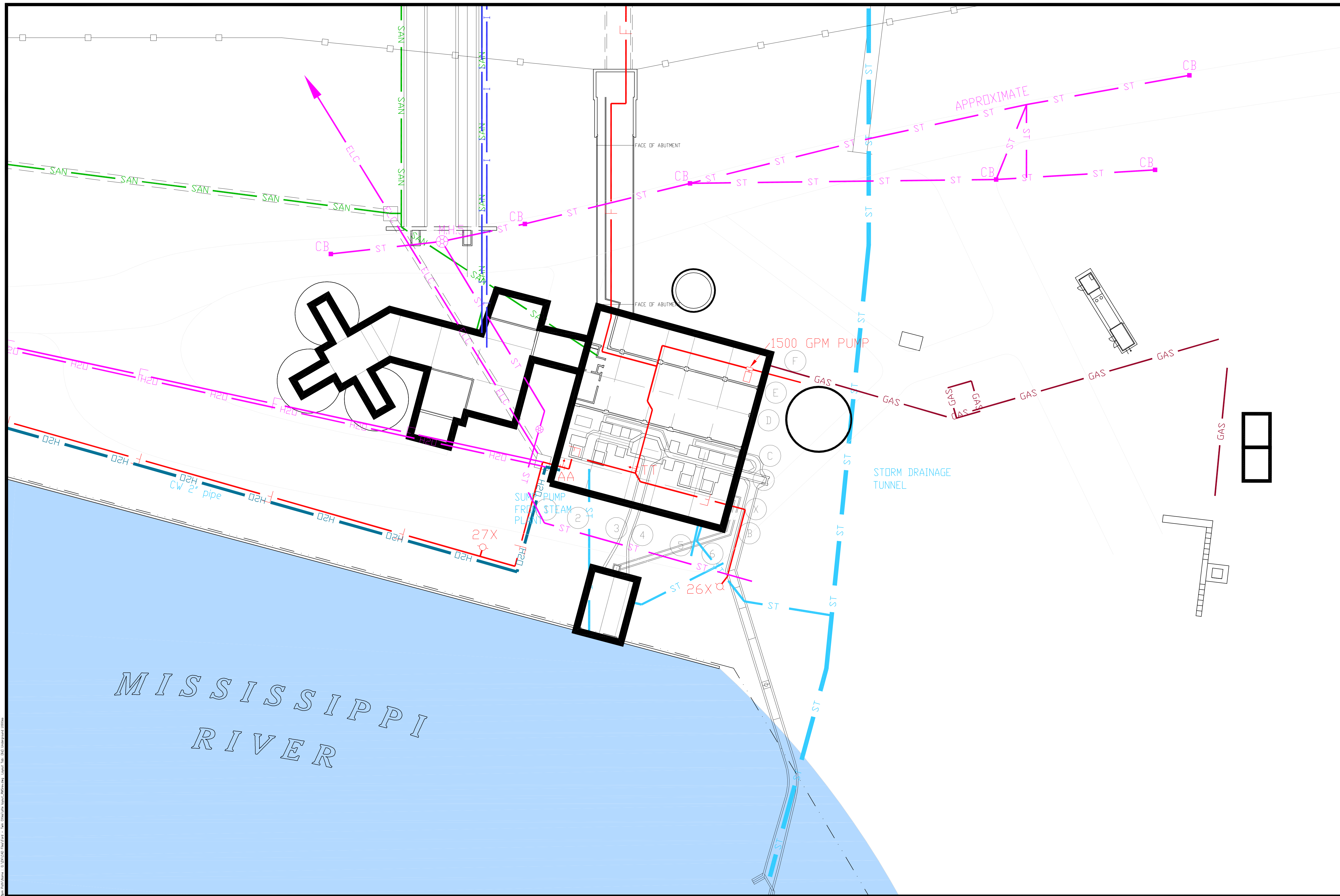
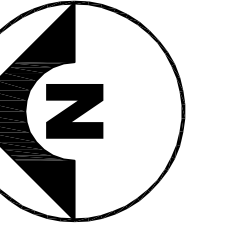
**UNDERGROUND UTILITIES - PAINT BUILDING  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TWIN CITIES ASSEMBLY PLANT  
ST. PAUL, MINNESOTA**

Project Number  
MN000588.0001

Date  
05-JUN-07

Figure  
**6C**

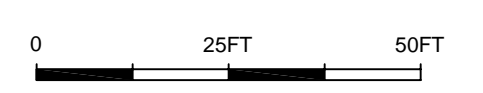
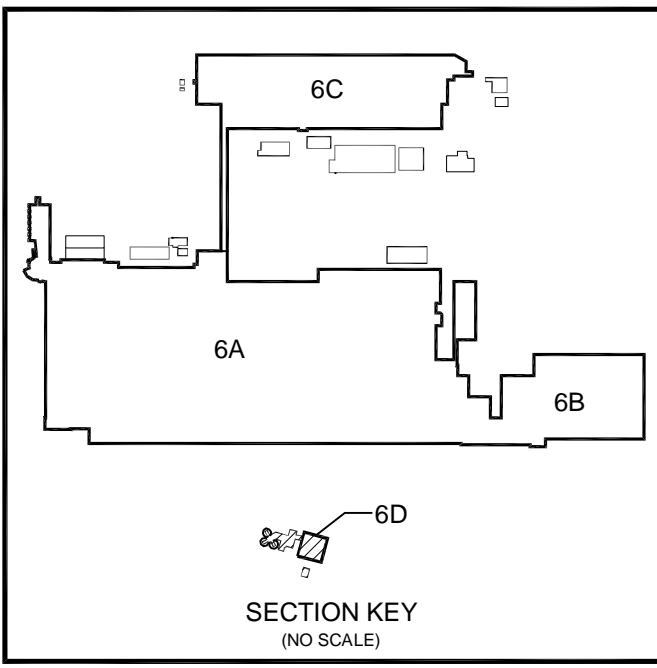




- LEGEND**
- PROPERTY LINE
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  - GAS GAS LINE
  - ELC ELECTRICAL LINE
  - F FIRE LINE
  - H2O WATER LINE
  - R REFRIGERANT LINE
  - GAS PROPANE LINE
  - TEL TELEPHONE LINE
  - SAN SANITARY SEWER LINE
  - ST STORM SEWER LINE
  - I INDUSTRIAL WASTE LINE
  - ABANDONED UTILITIES
  - BUILDING
  - WATER

**NOTE**

1. REFERENCE:  
 • utilmast.dwg



Area Manager  
J. REID

Project Director  
E. CARMAN

Task Manager  
L. FALER

Technical Review  
D. SHELLY

**FORD MOTOR COMPANY**

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**UNDERGROUND UTILITIES - WWTP AND STEAM PLANT  
 PHASE I ENVIRONMENTAL SITE ASSESSMENT  
 TWIN CITIES ASSEMBLY PLANT  
 ST. PAUL, MINNESOTA**

Project Number MN000588.0001
Date 05-JUN-07
Figure 6D

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**Appendix A**

Environmental Professional  
Resume

**Dennis P. Shelly**  
**P.E., CPEA**

Practice Manager  
*Worldwide Transaction Services*

Mr. Shelly leads the Worldwide Transaction Services practice in North America. He has more than 30 years of professional experience and provides strategic due diligence, environmental management, and compliance services to corporations, financial groups and their counsel. Mr. Shelly has extensive experience conducting and managing environmental due diligence services on transactions of all sizes on a local to global scale. He advises clients regarding potential liabilities associated with real property in transactions, and strategies for managing these liabilities. His road experience includes conducting and managing environmental site assessments, compliance audits, and other environmental and engineering studies for the financial, real estate, commercial, legal, and industrial sectors on hundreds of properties across the manufacturing sector. His responsibilities typically include designing and conducting due diligence activities, coordinating multiple teams of auditors, ensuring quality and consistency of reporting, providing client and counsel liaison, cost estimates, and presentation of findings. He has an exceptional record of simultaneously managing multiple complex and fast-paced projects. Developed and presents global training for regional leaders of the transaction services practice.

Prior to joining ARCADIS, Mr. Shelly was the northeastern U.S. M&A services practice leader for a global environmental consulting firm for five years. In this role he developed and delivered an internal training program for lead due diligence appraisers. For eight years previously, he co-founded and managed a middle market environmental due diligence firm. In prior employment he has been responsible for all aspects of non-remediation environmental projects for industry including wastewater treatment, environmental permits, and emergency response planning. He also managed a Management Consulting Department where he was responsible for corporate environmental program assistance including training and environmental reporting. His experience has included the power, steel, chemical, petroleum, pulp and paper, pharmaceutical, electronics and precious metals industries, as well as municipal water and wastewater.

**Category of Experience**

**Key Projects**

Directed the environmental due diligence in anticipation of the \$500 million sale of the U.S. packaging division of a global paper products and packaging company. The effort included 60 locations in 20 States and Mexico.

Directed the environmental due diligence for the \$16 billion purchase of the consumer products division of a major pharmaceutical manufacturer. The effort included 13 manufacturing locations in 10 countries.

Directed the environmental due diligence for the non-US locations of the plastics division of a major corporation in anticipation of sale. The effort included 25 manufacturing

Education

B.S., Civil Engineering,  
Pennsylvania State University,  
1973

M.E., Civil Engineering, Villanova  
University, 1979

Adjunct Professor, Villanova  
University, Graduate Program,  
Hazardous Waste Management  
(1990, 1992) and Industrial  
Wastewater Treatment (1990)

EPA Accredited Asbestos Building  
Inspector

Years of Experience

Total - 34

With ARCADIS - 2

Professional Registrations

Registered Professional Engineer  
in PA (NJ, and DE, expired)

Diplomat, Board Certified by  
American Academy of  
Environmental Engineers (expired)

Professional Environmental  
Auditor, Board of Environmental  
Auditor Certifications

Professional Affiliations

Appointed Member of Water Quality  
Technical Advisory Committee for  
the Pennsylvania Department of  
Environmental Protection, 1996-  
2001

Auditing Roundtable Member –  
1987 to Present, Chair of  
Contractor/Vendor Assessment  
Work Group, 1996-98

Member of Association for  
Corporate Growth

Associate Member, American Bar  
Association, Section of  
Environment, Energy and  
Resources, Environmental  
Transactions and Brownfields  
Committee

**Dennis P. Shelly**  
**P.E., CPEA**

Practice Manager  
*Worldwide Transaction Services*

locations in 14 countries in a four-week schedule.

Directed the environmental due diligence for the acquisition of two building products companies consisting of 25 locations in 18 states.

Directed the environmental due diligence assessment of a metal chemicals manufacturer as part of a proposed acquisition. The target company operated in 14 countries and over 100 locations. Prepared an estimate of environmental liabilities using a limited number of site visits, a data room review, and interviews with Company personnel. The value of the transaction exceeded \$1 billion.

Directed the environmental due diligence of a \$1 billion acquisition in the pharmaceutical products sector.

Directed the post-acquisition environmental due diligence of 25 global locations of a major equipment manufacturer.

Directed the vendor due diligence of the electronics equipment business of a major defense contractor. The process continued over nearly a one-year period and included the assessment of more than 30 operations in 5 countries and responding to buyer inquiries as individual divisions were sold.

Coordinated the North American Environmental Due Diligence for a global packaging and paper manufacturing company for more than ten years.

Directed environmental due diligence for a potential buyer during an auction process for a 100-year old tar chemical company.

Directed the environmental due diligence assessment of 21 facilities of a major film and video processing company located in 8 countries.

Directed the environmental due diligence of 15 locations of an agricultural chemical company located in 6 countries.

Completed environmental due diligence of two 2,000-acre parcels of land that were transferred to the Trust for Public Lands.

Managed the due diligence assessments of scores of additional industrial facilities, including: automotive, petroleum distribution; chemical and pharmaceutical; battery manufacturing; agricultural chemicals; railcar repair; electronics; meat processing; waste oil processors; auto parts; telecommunications; utilities; packaging products, environmental and radiological laboratories; primary metals; steel; explosives; children's apparel; and wire manufacturing.

Completed detailed audits of more than 80 operating waste management facilities across the U.S. during a 12-year period. As manager of an ongoing contract for a major consortium of companies, has been responsible for quality and scheduling of scores of waste management facility audits.

Completed compliance audits for the steel, mining, chemical, pharmaceutical, packaging, petroleum, paper, automobile, and metal finishing and production industries.

Has assisted corporate clients with reporting obligations under Community Right to Know since 1986. Provided technical guidance in the development of SARA 313 reporting software.

**Dennis P. Shelly**  
**P.E., CPEA**

Practice Manager  
*Worldwide Transaction Services*

Completed Phase I environmental assessments of scores of commercial and retail properties throughout the country.

Designed a wastewater treatment facility for a precious metals product manufacturing facility. The process included ammonia stripping, two-stage neutralization, and metals removal to part-per-billion concentrations.

Provided wastewater treatment system analysis and operations assistance for an auto parts manufacturing company.

Completed pilot plant studies for wastewater discharges including landfill leachate, specialty chemicals, metal products manufacturing and municipal sanitary wastes.

Throughout his career, has completed water distribution system analyses, designed the expansion and upgrade of water and wastewater treatment facilities, oversaw the design and construction of assorted wastewater collection and treatment facilities, and provided operation analysis and consultation for wastewater treatment facilities.

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**Appendix B**

Interview Questions

**Ford Facility Environmental Assessment**  
**Interview Questions**

The purpose of this interview is to gain information about past environmental practices at the plant and identify any potential areas of concern (both inside and outside the plant buildings). The interviewed employee cannot get into any trouble by cooperating with interviewer. Complete honesty will help Ford determine appropriate environmental cleanup at the Site. Identifying potential areas of concern now can save Ford time and money in the future.

Date of Interview: \_\_\_\_\_ Project No.: \_\_\_\_\_

Completed By: \_\_\_\_\_

*Note to Interviewer: Follow-up questions may be required to determine location, dates, quantity etc. for questions with a positive response.*

**Personal Information**

Name?

What is your current position/title?

What were your former position(s)/title(s)?

How long have you worked at the plant? (year started)

What departments have you worked in at this location?

Briefly describe your responsibilities. Do you conduct inspections and do you write reports? Do your responsibilities include construction oversight or waste disposal?

**Site Development**

Are you aware of the construction of any new buildings, building additions, or other site features?

Are you aware of any historic site buildings or features that are no longer present?

Are you aware of any historic operations on neighboring properties by the plant or other entities?

**Plant Operations**

Briefly describe the current plant operations, processes, and products?

**Ford Facility Environmental Assessment**  
**Interview Questions**

Briefly describe any historic plant operation, processes, and products that are no longer present?

**Liquid Discharge or Disposal Areas**

What kind of liquids (i.e. hydraulic oil, gasoline, antifreeze solvents) were used in your department?

Where/how were these liquids stored? Did the storage areas have secondary containment?

Do you remember any spills? How was the spill addressed?

Do you know of any pits, floor drains, or other subsurface collection units where these liquids were collected?

Do you know of any open pipes that discharged to the ground, a drainage ditch or river?

Do you know of any lagoons, surface impoundments or spray fields where liquid waste was disposed?

Were you ever involved with the maintenance/removal/abandonment of hydraulic lifts, elevators, or rail bridges?

Do you know of any drywells or septic systems?

What kind of liquid wastes (i.e. waste paint, purge solvents, used oils) were generated in your department?

Where/how was the waste accumulated/stored?

Where/how was the waste disposed of?

Do you remember any spills of waste materials?

**Historic Fill Areas and Site Conditions**

Do you know of any areas on the property where, in the past, fill material was placed and/or graded and leveled? Examples of fill are soil and/or construction and demolition debris from the site that is relocated during a construction project, soil brought on site, waste brought from inside the plant and placed in piles outside the plant, areas where process equipment was cleaned outside the plant, etc.

Did you ever see anyone bury anything on-Site?



**Ford Facility Environmental Assessment**  
**Interview Questions**

Are you aware of fly ash, paint sludge, or other industrial wastes ever being buried on-Site?

Were there any major cleanouts of equipment or stored materials/wastes? Where was the sludge accumulated and disposed of? On-Site or off-Site?

Have you seen any soil with staining, discoloration or strong odors during plant construction activities?

Have you seen any areas on the property with stressed vegetation or where vegetation does not grow?

Were plating, phosphating, pickling, or any other metal finishing operations conducted at the facility? Where/when? Where was the waste from the metal finishing operations accumulated and disposed of? On-Site or Off-Site?

Were degreasing operations ever conducted at the facility? Where/when? What types of solvents were used? Were there any solvent spills?

Do you remember the facility using any burn pits? Where/when? What were they burning?

Was oil and/or solvents ever used for dust suppression around the outside of the plant, on coal piles, or along railroad lines?

Prior to any building additions and expansions, what were the areas used for? Where was the excavated soil taken? Was any fill brought in? Were you involved with any excavations? Pipelines, foundations, etc.? Did you observe anything unusual in the excavations? Any low areas or wetlands filled?

Are there any other operations which you recall previously conducted at the plant or major changes to the plant (such as an old paint shop or glass operations)? If so, are there any environmental issues that you are aware of associated with the previous operations (i.e., tanks closed in place, spills)?

Are you aware of any previous coal storage areas or piles? Was the coal stored on the bare ground?

Are you aware of any closed basements, equipment pits, sumps, or trenches?

**Storage Areas**

Do you remember where there used to be any underground tanks? Lagoons? Septic tanks? Were tank farms moved?

**Ford Facility Environmental Assessment**  
**Interview Questions**

Do you remember where there used to be any ASTs?

Do you know of any spills or leaks from the bulk storage tanks at the site?

Did you observe any soil with stains or odors during the decommissioning/removal of any storage tanks or storage areas? Was soil removed from around or underneath the tank when it was removed?

Do you remember any major equipment that was relocated or moved in the plant? Where/when etc.? Was the boneyard or equipment storage area moved to different areas? Any outdoor equipment washdown areas?

Were there any problems with transformers or other large electrical equipment?

Were there any serious accidents (e.g. tank trucks) or fires at the plant? Do you remember any plant incidents that may have involved local health departments or environmental agencies?

Can you think of any other materials that may have been buried on the site? Where/when?

Do you know of any emergency repairs or construction of underground equipment that may have leaked or discharged fluids into the ground? Did you observe or participate in these repairs?

Do you know of any storage areas for hazardous, regulated, or PCB materials and/or wastes?

Do you know of any PCB containing equipment that is/was located on the subject property?

**Regulatory (Questions for Current and Former Environmental Staff Only)**

Has any solid, special, or hazardous waste including petroleum products ever been disposed of on or off- site? **If yes, attach a copy of the most recent waste manifest and the generator's Hazardous Waste ID# and describe waste(s) disposed of.**

Are there any present/past enforcement actions by a regulatory agency for the subject property? Any consent Orders or Consent Agreements? **If yes, please describe:**

Are there any existing environmental liens, activity and land use restrictions, lawsuits, administrative actions or environmental easements associated with the use of the subject property?

**If yes, please describe:**

**Ford Facility Environmental Assessment**  
**Interview Questions**

Has there been public involvement for environmental aspects at the plant? **If yes, please describe:**

Are there now or have there ever been pits, ponds or lagoons used for treating wastes located on the subject property?

**If yes, please describe:**

Are there now or has there ever been the onsite treatment or disposal of any hazardous, regulated, or solid wastes?

Are there now or have there ever been any industrial, process, and/or sanitary wastewater treatment operation on the subject property?

Are there any groundwater monitoring wells (for groundwater contamination) located on the subject property? **If yes, state how many and describe their purpose:**

Does the subject property discharge waste (or wastewater) to an on-site sewer, on-site septic system, ditch or other waterway?

**If yes, state the nature of the discharge and attach a copy of the permit.**

Are there any outstanding Fire and/or Health Department violations for the subject property? **If yes, please describe:**

Has a Phase I Environmental Site Assessment (ESA), Regulatory Compliance Audit, Baseline Environmental Assessment (BEA), or Due Care Plan ever been performed for the subject property? **If yes, attach a copy of the report(s).**

Have any Phase II or subsurface environmental assessments been performed for the subject property? **If yes, attach a copy of the report(s).**

Are you aware of any impact migrating from the Site or onto the Site from an adjacent parcel? **If yes, please describe:**

Have any asbestos surveys been performed for the subject property? **If yes, attach a copy of the report(s).**

Have any surveys of lead containing paint or other materials been performed for the subject property? **If yes, attach a copy of the report(s).**

Does the facility currently maintain any environmental related permits? **If yes, attach a copy of the permit(s).**

Does the facility conduct reporting under EPCRA? **If yes, attach a copy of the most recent reporting year.**

**Ford Facility Environmental Assessment**  
**Interview Questions**

Does the facility maintain a SPCC Plan, SWPPP, ICP, etc? **If yes, attach copies of the plans.**

Has the facility ever received notification from any government agency or third party of liability as a PRP in any hazardous waste storage, treatment or disposal site? **If yes please describe.**

**Summary**

Is there any other environmental issue we have not covered and should be aware of?

Do you know anyone else that might be knowledgeable of these same types of issues or questions?

**THANKS FOR YOUR TIME.**


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**Appendix C**

Plant and Property Photographs

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 1	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<p><b>COMMENT:</b> Photograph depicts the northern portion of the main assembly building. The northern portion of the assembly building includes QA/QC, cab assembly and trim operations (refer to Figure 4). The bridge to the paint building is also depicted in the center of this photograph.</p>	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 2	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<p><b>COMMENT:</b> Photograph depicts the central portion of the main assembly building, looking towards the Mississippi River. The central portion of the main assembly building includes cab assembly, trim and chassis assembly (refer to Figure 4). The former coal operations (feature 47) is also depicted in the bottom central portion of the photograph.</p>	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 3	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the southern portion of the main assembly building, the frame shop, the packer building, and the warehouse building (refer to Figure 3A).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 4	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the southeast portion of TCAP, which includes the hazardous waste storage building (feature 34) and three baseball diamonds. The southern portion of the paint building is also depicted in the bottom left of the photograph (refer to Figure 3A).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 5	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the baseball diamonds (feature 139) in the southeastern portion of the TCAP property.	


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 6	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the northeast portion of TCAP and northern portion of the paint building. The majority of the northeast portion of TCAP is asphalt parking lot (refer to Figure 3A).	



**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 7	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicting the central portion of TCAP and fan farm building (refer to Figure 3A).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 8	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the surrounding properties to the north of TCAP along Ford Road.	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 9	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northwest	
<b>COMMENT:</b> Photograph depicts the adjacent Mississippi River west of TCAP, which adjoins the steam plant and wastewater treatment plant to the west.	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 10	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the adjoining railroad property and vacant wooded land to the south of TCAP.	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 11	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<b>COMMENT:</b> Photograph depicts the surrounding residential properties to the east of the baseball diamonds along Cleveland Avenue.	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 12	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the surrounding residential apartments east of TCAP.	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 13	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts the cab assembly line in the northeast portion of the main assembly building (refer to Figure 4).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 14	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northwest	
<b>COMMENT:</b> Photograph depicts the cab and box assembly line in the central portion of the main assembly building (refer to Figure 4).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 15	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the hydraulic elevator to the paint building (feature 66). Heavy staining and hydraulic oil leakage was observed around the base of the elevator (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 16	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the interior of the bridge which transfers bare metal bodies and painted bodies from the main assembly building to paint building and back to main assembly for trim (refer to Figure 3A).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 17	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts the engine installation portion of the assembly line, which is part of the chassis assembly line (refer to Figure 4).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 18	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the chassis portion of the assembly line (refer to Figure 4).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 19	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southeast	
<b>COMMENT:</b> Photograph depicts the trim portion of the assembly line (refer to Figure 4).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 20	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts a general view of the assembly line (refer to Figure 4).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 21	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the marriage point of the assembly line where bodies are connected to their associated chassis.	


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 22	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northwest	
<b>COMMENT:</b> Photograph depicts the fluid installation portion (feature 107) of the assembly line (refer to Figure 3B).	



**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 23	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts the brake fluid storage (feature 48) and filling machine near the fluid fill line (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 24	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the QA/QC portion of the assembly line prior to being prepared for shipment (refer to Figure 4).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 25	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts heavy oil staining observed beneath machinery (feature 90) in the southeast portion of the main assembly building (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 26	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts hydraulic oil leakage into concrete floor trenches (feature 86) observed in the southeast portion of the main assembly building (refer to Figure 3B).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 27	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<b>COMMENT:</b> Photograph depicts a satellite hazardous waste storage area (feature 82) in the northwest portion of the main assembly building (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 28	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts 55-gallon drums of sealer observed near assembly machinery in the main assembly building (refer to Figure 3B).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 29	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts one of several oil/water separators (feature 89) observed within the main assembly building (refer to Figures 3B and 3C).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 30	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts one of several areas of peeling and chipping paint observed in the main assembly building.	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 31	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts bulk vehicle fluid ASTs (feature 52) in the bulk AST storage room in the east-central portion of the main assembly building (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 32	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts a sump (feature 81) observed in the glass basement portion of the main assembly building (refer to Figure 3B).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

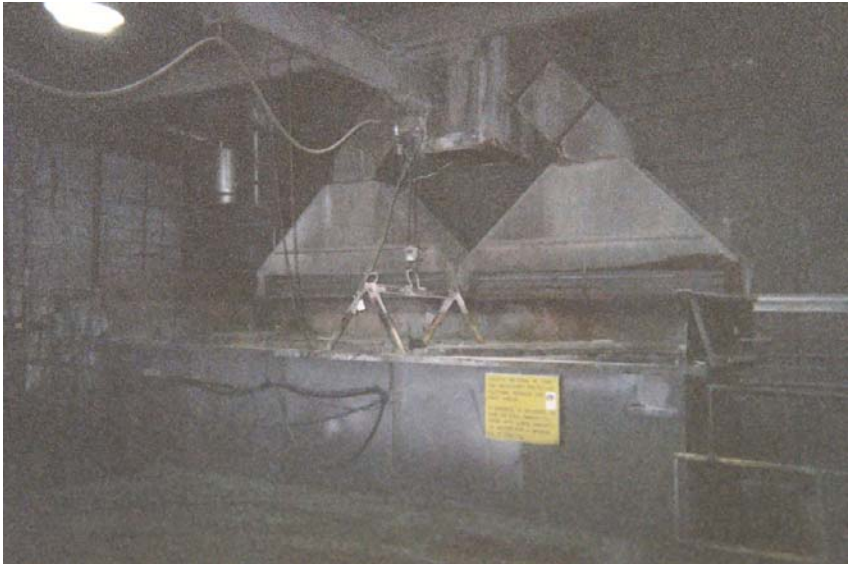
**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 33	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northwest	
<b>COMMENT:</b> Photograph depicts leakage observed on a column in the glass basement (feature 80) from above machinery (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 34	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts standing oil observed in containment for compressors associated with assembly machinery (refer to Figure 3B).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 35	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts a lye/caustic tank (feature 51) located east of the central engineering offices (refer to Figure 3B).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 36	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts interior of the lye/caustic tank (feature 51).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 37	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the chemical storage area (feature 48) in general stores located in the eastern portion of the main assembly building (refer to Figure 3B).	


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 38	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the hydraulic oil storage area (feature 48) in the west-central portion of the main assembly building (refer to Figure 3B).	



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 Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 39	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts a general interior view of the warehouse building (refer to Figure 3C).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 40	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southeast	
<b>COMMENT:</b> Photograph depicts the bulk chemical storage area (feature 48) in the northwest portion of the warehouse building (refer to Figure 3C).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 41	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts staining observed in a railroad bed (feature 59) situated in the warehouse building (refer to Figure 3C).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 42	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southeast	
<b>COMMENT:</b> Photograph depicts a view of the paint building facing southeast (refer to Figure 3A).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 43	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the E-coat and phosphate dump tanks (features 31 and 32) for cleaning the systems (currently empty) (refer to Figure 3D).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 44	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<b>COMMENT:</b> Photograph depicts the sulfuric acid AST (feature 30) and containment located near the northeast portion of the paint building (refer to Figure 3D).	

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Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 45	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the zinc phosphate loading area (feature 28) along the northeast portion of the paint building (refer to Figure 3D).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 46	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the exterior of the paint sludge pits (feature 121) located in the western portion of the paint building (refer to Figure 3D).	

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Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 47	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts the interior of the paint sludge pits (feature 121).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 48	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the interior of the fan farm building (refer to Figure 3A).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 49	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the solvent storage area (feature 109) in a structure attached to the southern portion of the paint building (refer to Figure 3D).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 50	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<b>COMMENT:</b> Photograph depicts the entrance to the hazardous waste storage building (feature 34).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 51	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northwest	
<b>COMMENT:</b> Photograph depicts the interior of the hazardous waste storage building (feature 34).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 52	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the loading area for solvents, paints, and unloading area for used solvents (feature 38) pumped from the solvent USTs (feature 36) (refer to Figure 3D).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 53	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the earthen mound and concrete containment for two USTs (feature 36) used to store used cleaning solvent and used purge solvent.	


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 54	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts one of three monitoring wells observed near the solvent USTs (feature 36) (refer to Figure 3D).	



**Phase I Environmental Site Assessment Report  
 Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 55	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the steam plant and piping bridge to the assembly plant (refer to Figure 3E).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 56	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> Photograph depicts the operable boiler in the steam plant. Currently utilizes natural gas for fuel (refer to Figure 3E).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 57	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts steam piping in the tunnel to the assembly plant (refer to Figure 3A).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 58	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts one of three bulk chemical ASTs (feature 135) within the eastern portion of the steam plant, which contain boiler chemicals (refer to Figure 3E).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 59	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts asbestos containing thermal system installation on piping in the lower level of the steam plant.	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 60	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<b>COMMENT:</b> Photograph depicts the bulk storage (feature 133) of polymers and chemical additives for treatment of industrial process water located on the second floor of the wastewater treatment plant (refer to Figure 3E).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 61	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b>	
<b>COMMENT:</b> Photograph depicts the outlet piping for treated water and water testing station at the wastewater treatment plant.	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 62	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> Photograph depicts the bulk propane storage area (feature 39) south of the steam plant (refer to Figure 3E).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 63	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Northeast	
<b>COMMENT:</b> Photograph depicts a storm water catch basin, located west of TCAP, which collects storm water from areas included in Outfall 001 (feature 15).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 64	
<b>PHOTOGRAPHER:</b> tal	
<b>DATE:</b> 3/18/2007	
<b>DIRECTION:</b> Southeast	
<b>COMMENT:</b> Photograph depicts the discharge point of storm water Outfall 001 (feature 15), in Hidden Falls Regional Park.	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 65	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the north and south traffic tunnels situated west-east and east-west below the main assembly building (refer to Figure 3F).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 66	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> NA	
<b>COMMENT:</b> Photograph depicts an empty drum observed in the north traffic tunnel loop (feature 143).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 67	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the exterior entrance to the gas tunnel, located east of the steam plant (refer to Figure 3F).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 68	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the east end of the gas tunnel in which water was observed to be leaking down into the tunnel from the main assembly building floor surface. It was indicated that this water may be weld water (feature 149).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 69	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> Photograph depicts the cable tunnel entrance from the north traffic tunnel (refer to Figure 3F).	


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 70	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> Photograph depicts the main sand tunnel entrance accessed through the traffic tunnels below the central portion of the main assembly building (refer to Figure 3F).	



**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 71	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the main sand tunnel three way spilt located below the general central portion of TCAP (refer to Figure 3F).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 72	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts creosote staining from railroad ties observed in sand tunnel 5 <sup>th</sup> N.	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 73	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts buried drums and staining encountered in the collapsed portion of sand tunnel 1A south (feature 150).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 74	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> NA	
<b>COMMENT:</b> Photograph depicts staining with a solvent odor identified in the area of the buried drums observed in the collapsed portion of sand tunnel 1A south (feature 150).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**


**Appendix C – Plant and Property Photographs**


<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 75	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts another view of the collapsed area in sand tunnel 1A south with buried drums (feature 150).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 76	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> NA	
<b>COMMENT:</b> Photograph depicts a drum at the base of the sand tunnel 1A south collapse. The drum was observed to be filled with solids and had a paint odor (feature 150).	

**Phase I Environmental Site Assessment Report  
Ford Motor Company Twin Cities Assembly Plant (TCAP), St. Paul, Minnesota**

**Appendix C – Plant and Property Photographs**

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 77	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the oil tunnel, which extends from the former oil house beneath the central portion of the main assembly building (refer to Figure 3F).	

<b>CLIENT:</b> Ford Motor Company	<b>SITE NAME:</b> Ford Motor Company-Twin Cities Assembly Plant (TCAP)
<b>PROJECT #:</b> MN000588.0001	<b>SITE LOCATION:</b> St. Paul, Minnesota
<b>PHOTOGRAPH #:</b> 78	
<b>PHOTOGRAPHER:</b> tnk	
<b>DATE:</b> 5/7/2007	
<b>DIRECTION:</b> West	
<b>COMMENT:</b> Photograph depicts the one entrance and exit to the oil tunnel located in the former oil house.	

**Appendix D**

Chain of Title

**COMMONWEALTH LAND TITLE INSURANCE COMPANY**  
**CHAIN OF TITLE REPORT OF OWNERSHIP**

Commonwealth Land Title Insurance Company does hereby certify as of April 30, 2006, the following sets forth the names of all parties in the chain of title for the last 100 years for the property described on Exhibit A attached hereto, as disclosed by the records of the office of the Ramsey County Registrar and Recorder.

Said report includes all deeds and probate instruments conveying title to the subject property.

- A. Allen K. Pruden, by Warranty Deed, dated November 15, 1906 , filed of record November 21, 1906, as Document No. 2272.
- B. H. Emma Pruden, by Warranty Deed, dated March 18, 1907, filed of record March 30, 1907, as Document No. 2489.
- C. Van Sant Investment Company by Warranty Deed, dated September 6, 1912, filed of record September 6, 1912 as Document No. 427812.
- D. John A. Hartigan by Warranty Deed, dated January 22, 1919, filed of record February 6, 1919 as Document No. 34827
- E. James Harvey by Warranty Deed, dated October 9, 1919, filed of record October 14, 1919 as Document No. 38199
- F. Emil T. Haugland by Warranty Deed, dated May 12, 1920, filed of record May 14, 1920 as Document No. 41174.
- G. Alois H. Markert by Warranty Deed, dated May 13, 1920, filed of record May 18, 1920 as Document No. 41219.
- H. Clarence D. Pruden, by Warranty Deed, dated December 2, 1920, filed of record December 14, 1920, as Document No. 44109.
- I. M. Roy Knauft by Warranty Deed dated January 16, 1921, filed of record January 28, 1921 as Document No. 44773.
- J. M. Roy Knauft by Warranty Deed, dated November 18, 1918, filed of record July 9, 1921 as Document No. 46636.
- K. Mary Ann Ford by Warranty Deed, dated June 20, 1922, filed of record June 30, 1922 as Document No. 53394
- L. George G. Benz, by Warranty Deed, dated December 7, 1922, filed of record December 7, 1922 as Document No. 57326.
- M. Merchants Trust and Savings Bank by Warranty Deed dated December 29, 1922, filed of record December 30, 1922 as Document No. 57312
- N. Merchants Trust and Savings Bank by Warranty Deed dated December 29, 1922, filed of record December 30, 1922 as Document No. 57313
- O. Merchants Trust and Savings Bank by Warranty Deed dated December 6, 1922, filed of record December 30, 1922 as Document No. 57314

- P. Merchants Trust and Savings Bank by Warranty Deed dated December 6, 1922, filed of record December 30, 1922 as Document No. 57315.
- Q. Merchants Trust and Savings Bank by Warranty Deed dated December 6, 1922, filed of record December 30, 1922 as Document No. 57316
- R. Merchants Trust and Savings Bank by Warranty Deed dated December 6, 1922, filed of record December 30, 1922 as Document No. 57317
- S. Merchants Trust and Savings Bank by Warranty Deed dated December 28, 1922, filed of record December 30, 1922 as Document No. 57318
- T. Merchants Trust and Savings Bank by Warranty Deed dated November 6, 1922, filed of record December 30, 1922 as Document No. 57319
- U. Merchants Trust and Savings Bank by Warranty Deed dated December 6, 1922, filed of record December 30, 1922 as Document No. 57320
- V. Ford Motor Company by Warranty Deed, dated January 20, 1923, filed of record January 31, 1923 as Document No. 57957
- W. Ford Motor Company by Warranty Deed, dated January 20, 1923, filed of record January 31, 1923 as Document No. 57958
- X. Ford Motor Company by Warranty Deed, dated January 19, 1923, filed of record January 31, 1923 as Document No. 57959.
- Y. Ford Motor Company by Warranty Deed, dated January 19, 1923, filed of record January 31, 1923 as Document No. 57960.
- Z. Ford Motor Company by Warranty Deed, dated January 19, 1923, filed of record January 31, 1923 as Document No. 627020.
- AA. Ford Motor Company by Warranty Deed, dated January 20, 1923, filed of record January 31, 1923 as Document No. 627021
- BB. Ford Motor Company by Warranty Deed, dated July 21, 1923, filed of record July 21, 1923 as Document No. 639061.
- CC. Ford Motor Company by Warranty Deed, dated July 30, 1923, filed of record August 15, 1923 as Document No. 640925.

**NOTE FOR INFORMATION:** Property is Abstract and Torrens - Certificate No. 81985, 203819, 231951, 263837, 270211



Robert A. Anderson, Licensed Abstractor

Prepared: May 8, 2006

This report only cites matters appearing in the public records of Ramsey County, Minnesota and is not to be construed as an Opinion of Title. Commonwealth Land Title Insurance Company disclaims any liability for errors or omissions.

**EXHIBIT A**

## Parcel 1:

Lot 1, Block 1, Ford Motor Company First Addition

(Certificate No. 270211)

## Parcel 2:

Lots 1, 2 and 4, Auditor's Subdivision No. 87.

Except the North 500 feet of the West 328 feet of the East 999.4 feet of said Lot 1,  
Also except the North 1,530.54 feet of the East 671.4 feet of said Lot 1,  
All in Auditor's Subdivision No. 87.

The following portion being registered property:

All of the North half of Lot 2, Section 17, Township 28, Range 23, according to the Government Survey thereof, which is situated East of the Easterly line of the Mississippi River Boulevard Number 2 as said Easterly line is determined and defined by the recorded plat of said Mississippi River Boulevard Number 2 on file and of record in the office of the Register of Deeds in and for said County of Ramsey and State of Minnesota.

(Certificate No. 81985)

All of the North Half of the Southeast Quarter of the Northeast Quarter of Section 17, Township 28, Range 23 West of the Fourth Principal Meridian, except the East 671.40 feet thereof, being part of Lot 1, Auditor's Subdivision No. 87.

(Certificate No. 203819)

All that part of the Southeast Quarter of the Northeast Quarter of Section 17, Township 28, Range 23 lying South of a line dividing the North and South halves of the Southeast Quarter of the Northeast Quarter of said Section 17 except those parts of said tract taken and condemned by the City of St. Paul, Minnesota for the widening of Cleveland Avenue, and also except from the above property that part described as follows: Beginning at a point in the East line of said Section 17 which point is 1,280.54 feet South of the intersection of the present South line of the Ford Road with the said East line of said Section 17; thence West at right angles with said East line of Section 17, a distance of 671.40 feet to a point; thence North and parallel with the said East line of Section 17, a distance of 22.66 feet to a point in the North line of said South Half of the Southeast Quarter of the Northeast Quarter of said Section 17; thence East along the North line of the South Half of the Southeast Quarter of the Northeast Quarter of said Section 17, 671.40 feet to the said East line of Section 17 aforesaid; thence South 26.34 feet to the place of beginning; also except that part described as follows: Beginning at a point in the East line of Section 17 which point is 1,280.54 feet South of the intersection of the present South line of Ford Road with the said East line of Section 17; thence West at right angles with the said East line of Section 17 a distance of 671.40 feet to a point; thence South and parallel with the said East line of Section 17 a distance of 250.00 feet to a point; thence East and parallel with the first course of the land herein described, 671.40 feet to a point in the said East line of Section 17; thence North along the said



## EXHIBIT A - (continued)

East line of Section 17 a distance of 250.00 feet to the point of beginning; subject to the rights acquired by the City of St. Paul in Cleveland Avenue.

(Certificate No. 231951)

All that part of Lot 2, Section 17, Township 28, Range 23 described as follows, namely: Commencing at a point on the East line of said Lot 2, 316.21 feet North of the Southeast corner of said Lot 2; thence West in a straight line, parallel with the South line of said Lot 2 to the Mississippi River; thence in a Northerly direction along said river to a line dividing the North and South halves of the Southeast Quarter of the Northeast Quarter of said Section 17 prolonged and extended in a straight line in a West direction through said Lot 2 to the Mississippi River; thence East along said last mentioned line to the East line of said Lot 2; thence South along said East line of said Lot 2, 216.21 feet, more or less, to the place of beginning, excepting however those parts of said tract taken for the Mississippi River Boulevard and for the street dedicated by deed recorded in Book 321 of Deeds on page 365 in the office of the Register of Deeds of said County.

All that part of Lot 2 in Section 17 of Township 28, Range 23 described as follows, namely: Commencing at the Southeast corner of said Lot 2; thence Northerly along the East line of said Lot 2, 316.21 feet to a point; thence West in a straight line parallel with the South line of said Lot 2 to the Mississippi River; thence in a Southerly direction along said river to the South line of said Lot 2; thence East along said last mentioned line to the place of beginning, excepting however from said tract that part taken for the Mississippi River Boulevard.

(Certificate No. 263837)

(Abstract and Torrens)

### Parcel 3:

That part of Lot 3, Block 1, Ford Motor Company First Addition, recorded in Book 86 of Town Plats, pages 46 and 47 as Document No. 1922309, office of the Register of Deeds, Ramsey County, Minnesota, lying Northeasterly, Northerly and Northwesterly of the following described line:

Beginning at a point on the West line of said Lot 3, said point of beginning being located along said West line South 00°06'52" West, assumed bearing, a distance of 10.58 feet from the Northwest corner of said Lot 3; thence South 49°54'51" East a distance of 199.01 feet; thence North 67°29'09" East a distance of 61.60 feet; thence South 62°12'36" East a distance of 163.97 feet; thence South 69°21'00" East a distance of 100.00 feet; thence North 67°29'09" East a distance of 18.93 feet; thence South 69°21'00" East a distance of 605.99 feet; thence North 89°37'00" East a distance of 249.70 feet to the Northeast corner of said Lot 3 and there terminating.

(Abstract)

B2 # 12

NOTED BY A...  
DEC 11 1978  
LOU MCKE...  
Ramsay County, Minnesota  
[Signature]

Gas Line Easement

2100193

THIS AGREEMENT, made this 20 day of August, 1978,  
between Ford Motor Company, a Delaware corporation, hereinafter called  
"Grantor", and the Northern States Power Company, a Minnesota corporation,  
hereinafter called "Grantee";

WITNESSETH, that Grantor, for good and valuable consideration from  
Grantee, the receipt and sufficiency of which is hereby acknowledged, hereby  
grants unto Grantee, its successors and assigns, an easement for the right,  
privilege and authority to operate, maintain, repair and replace its lines for  
the distribution of gas, including the necessary appurtenances, under the  
following described real estate, now owned by Grantor in the County of Ramsay,  
State of Minnesota to-wit:

An easement within, over and across two (2) strips of land in Lot  
One (1) and Lot Two (2) of Auditors Subdivision No. 87, St. Paul,  
Minnesota, said Subdivision being delineated and so designated on  
a plat recorded in Book 101, pages 164 through 167 in the Office  
of the Registrar of Titles, Ramsay County;

The first strip of land, ten (10) feet wide, being located five  
(5) feet of each side of the existing twelve inch gas main and  
valve pits, more particularly described as follows:

Beginning at a point on the south line of Ford Parkway, formerly  
called Ford Road, said point being located seven (7) feet westerly  
of the east line of Crestin Avenue extended southerly; thence southerly  
a distance of two thousand two hundred and sixty-nine (2269) feet  
more or less to a point located thirteen (13) feet westerly of the  
east line of Crestin Avenue extended southerly; thence southwesterly  
deflecting nine (9) degrees from the last described course extended  
southerly, a distance of forty-five (45) feet; thence southwesterly,  
deflecting fourteen (14) degrees from the last described course  
extended southerly, a distance of three hundred (300) feet more or  
less to the north line of Mississippi River Boulevard and terminating  
at the said north line.

The second strip of land, ten (10) feet wide, being located five (5)  
feet on each side of the existing twelve inch and thirteen inch gas  
main and valve pit, more particularly described as follows:

Beginning at a point on the west line of Cleveland Avenue said point  
being located thirty-six (36) feet southerly of the north line of  
Montreal Avenue extended westerly; thence westerly one thousand two  
hundred sixty-five (1265) feet more or less to a point located  
thirty-three (33) feet southerly of the north line of Montreal Avenue  
extended westerly and terminating at said last described point.

Deed tax hereon due \$ 2.20



9865 895.00

Dec 11 10 55 AM '88

Gas mains supply 8" gas service to Ford's power house located at river dam site and a 4" gas service to Ford's meter house located east side of warehouse building.

The grant of easement herein contained shall also include the right of reasonable access to said easement across said lands for the purpose of exercising the rights granted herein.

Grantee, by acceptance of this easement, agrees that it shall restore the lands subject to this easement to as near their original condition as is reasonably possible after exercise of any of the rights granted herein and remove therefrom all debris, spoils, and equipment resulting from or used in connection with the underground gas system maintenance.

Grantor reserves the right to use said property for all purposes not inconsistent with the purposes granted hereby, including the right to construct, reconstruct, maintain, operate, repair, alter, renew and replace existing and additional wire lines, pipe lines, tracks and other associated facilities connected with the operation of a railroad, located or to be located either wholly or partly within said property; provided, however, that Grantor agrees that no structure or obstructions other than those above specified in this paragraph will be erected or permitted on or within said easement, that Grantor will not change the ground elevation of said property without the written consent of the Grantee, and that Grantor will not perform any acts not specifically authorized by this paragraph which may interfere with or endanger said gas facilities.

Grantor covenants with Grantee, its successors and assigns, that Grantor is the owner of the above described premises and has the right to grant and convey an easement in the manner and form aforesaid; subject however, to the rights, if any, of third parties.

Grantee agrees that in the operation and maintenance of said line it will not interfere with the operation and use of pipe lines, power lines, sewers, conductors, roads, etc., owned or controlled or heretofore installed by Grantor or others and that Grantee will at all times avoid obstructions to the plant facilities of Grantor in the operation, maintenance and/or removal of said pipe line. Grantee agrees to fully compensate Grantor for any labor, material or other expenses to which Grantor is put by reason of the existence, operation, maintenance or removal of said pipe line.

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Grantee agrees that it shall not install any additional pipe line other than pipe line specifically referred to by this agreement through the above property (with allowance for necessary replacement of existing pipe line). and Grantee furthermore agrees that any railroad tracks or railroad rights of way intersected by said pipe line or under which said pipe line is located will be kept open and in good repair for service at all times during the operation, maintenance, repair, replacement or removal of said pipe line. Grantee agrees to reimburse Grantor and/or any railroad companies for such expenses, materials and labor as may be used by Grantor or railroad companies in shoring up or sheeting railroad tracks, and related procedures, in the manner deemed necessary by Grantor and/or railroad companies during the exercise by Grantee of the rights granted herein, and Grantee agrees to maintain said pipe line in good condition.

Grantee agrees to assume and does hereby assume sole liability for all property loss or damage to all persons or entities and for personal injury to any persons arising out of the construction, maintenance, operation, existence, repair, replacement or removal of said pipe line and agrees to and does hereby save Grantor and any railroad companies maintaining property in the vicinity harmless from and indemnify them against all claims (including workmen's compensation claims), demands or actions based upon or arising out of construction, operation, maintenance, existence, repair, replacement or removal of said pipe line.

Grantee agrees to bear all the expenses of maintenance, operation, repair, replacement, or removal of said pipe line and agrees that Grantor's engineers shall be consulted and their approval obtained on all plans and specifications, for major alterations, repairs or replacements of said pipe line through Grantor's property.

If Grantee discontinues use of the easement granted hereunder for the above stated purposes for any period of 12 or more consecutive months, all rights granted hereunder shall cease and terminate and, upon demand of Grantor, Grantee shall remove all of its property or equipment therefrom.

This instrument and the covenants and agreements contained herein are binding upon the Grantor, its successors and assigns, and upon the Grantee, its successors and assigns.

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The agreement for a pipe line easement dated January 28, 1947, as amended by agreements dated March 27, 1959, and February 1, 1960, entered into between Grantor and Grantee, is hereby cancelled and terminated.

This instrument was drafted by Northern States Power Company, 414 Nicollet Hall, Minneapolis, Minnesota.

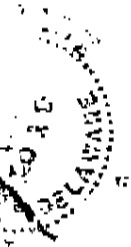
IN WITNESS WHEREOF, The Grantor has caused this instrument to be duly executed this 20 day of August, 1974.

IN PRESENCE OF:

FORD MOTOR COMPANY

Richard J. [Signature]  
Debra [Signature]

By [Signature]  
D. R. JOHNSON  
ASSISTANT SECRETARY



26100193

The undersigned, contract purchaser of the land covered by the above easement, hereby consents to and joins in the granting of the above easement pursuant to the terms and conditions recited therein.

Dated: September 10, 1974

Chicago, Milwaukee, St. Paul and Pacific Railroad Co.

By [Signature]  
E.J. Stoff, Vice President

THIS INSTRUMENT WAS DRAFTED BY  
NORTHERN STATES POWER COMPANY  
414 NICOLLET HALL, MINN. MINE.

STATE OF MICHIGAN  
COUNTY OF WAYNE ) ss.

On this 20 day of August, 1974, before me, a Notary Public within and for said County, personally appeared D. R. JOLLIFFE to me personally known, who being by me duly sworn did say that he is the ASSISTANT SECRETARY of Ford Motor Company, the corporation named in the foregoing instrument, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors and said D. R. JOLLIFFE acknowledged said instrument to be the free act and deed of said corporation.

Robert S. Lawson  
ROBERT S. LAWSON

Notary Public WAYNE County,  
MICHIGAN  
My commission expires SEPTEMBER 7 1976

2100193

THIS INSTRUMENT WAS DRAFTED BY  
HERBERT S. CLARK COMPANY  
414 N. WOOD ST. P.O. BOX 100  
ANN ARBOR, MICHIGAN 48106

2400150

East

Ford

to

Northam

STATE OF MINNESOTA	85
County of Ramsey	
Office of the County Recorder	
This is to certify that the within instrument was filed for record in this office at St. Paul on this <u>11</u> day of <u>Dec</u> A.D. 19 <u>06</u> at <u>10</u> o'clock <u>A</u> .M. and that the same was recorded in Ramsey County Records as Doc. No. <u>210313</u>	
EUGENE H. GIBBONS COUNTY RECORDER	
57	

*Filed Abstract Only  
Northam, Stacia Power  
414 President Miller  
Triple Bar 515701  
After Snow Ceases*

2400150

B2  
#13

Instru #	0790
Filing fee	2850
Rec copy	_____
Cer copy	_____
Initials	dw
Pd by/bill	CK/CS

**GROUND LEASE**

THIS GROUND LEASE dated as of the date set forth below, between FORD MOTOR COMPANY, a Delaware corporation, ("Lessor"), and the STATE OF MINNESOTA, a sovereign body, by and through the Department of Administration ("Lessee").

WITNESSES:

**RECITALS**

1. WHEREAS, Laws of Minnesota 1996, chapter 463, section 13, subdivision 12, appropriates Five Million Dollars (\$5,000,000) from the general fund to the State of Minnesota, Department of Administration, to predesign, design, and construct a technical training and classroom facility ("Facility") in St. Paul, Minnesota, for training in the use of robotics methods in manufacturing and other subjects;
2. WHEREAS, said laws require matching funds of One Million Six Hundred Thousand Dollars (\$1,600,000) before said \$5,000,000 appropriation will be released for use;
3. WHEREAS, Lessor shall provide the matching funds required by said laws;
4. WHEREAS, Lessor is the fee title owner of that real property described below as "Land" and is willing and desires to lease said property to Lessee for the purpose of constructing said Facility;

NOW, THEREFORE, in consideration of the mutual covenants contained in this Ground Lease, the parties hereto agree as follows:

**ARTICLE 1. Land.**

1.1 Land. Lessor leases to Lessee and Lessee leases and accepts from Lessor on the terms and conditions set forth herein the real property depicted on the Selected Site Location map attached hereto as Exhibit A1 and made a part hereof thereby, and legally described on Exhibit A2, which will be attached hereto and made a part hereof thereby ("Land") on the date a survey setting forth the legal metes and bounds description of the real property depicted on Exhibit A1 is completed for and accepted by Lessee.

- 1.2 Premises. The term "Premises" shall mean and include the following property:
- (a) the Land;
  - (b) the Improvements, which shall mean the building to be constructed on the Land by Lessee pursuant to Section 5.1 hereof, ("Facility"), (ii) the Equipment to be furnished by Lessor pursuant to Section 5.2 hereof ("Exhibit B Equipment"), (iii) all fixtures, machinery, and equipment now or hereafter used or procured for

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RETURN TO *Mr Dept of Administration*



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use in connection with the operation, maintenance, and protection of such buildings or improvements, or the plumbing, heating, cooling, ventilation, illumination, or air conditioning thereof, and (iv) all other similar property, attached to said building, exclusive, however, of Lessee's personal property; and

- (c) subject to the reasonable safety and security requirements of Lessor, the right to use in common with Lessor and other persons the gates, drives, parking areas and walks necessary for access to and from the Land, Improvements, and the public roads adjacent to the property of Lessor.

## ARTICLE 2. Term and Possession.

2.1 Term. The term of this Ground Lease shall be twenty five years, commencing on the date the last signature is executed ("Commencement Date") and ending at midnight, Minnesota time, on the day before the twenty-fifth anniversary date of the Commencement Date ("Expiration Date") (the entire 25 year period being the "Term").

2.2 Possession: Quiet Enjoyment. Lessee may take possession of the Land from and after the Commencement Date. So long as the Land is being leased pursuant to this Ground Lease, Lessee's use of the Land shall be subject only to the following restrictions:

- (a) The Premises must be used in conformance with all applicable laws, statutes, codes, ordinances, permits, duly promulgated rules and regulations of any unit of government or agency thereof, administrative orders, zoning restrictions or judgments affecting the Land or the use thereof.
- (b) The Premises shall be used only as a technical training and classroom facility for training in the use of robotic methods in manufacturing and other subjects on the terms and conditions set forth in the Use and Management Agreement. While Lessee is in possession of the Land, Lessor shall take no action, except as herein permitted, which will prevent Lessee from quiet and peaceful possession thereof.

2.3 Termination. Title to the Improvements shall vest in Lessee during the Term..

- (a) Upon the expiration of the Term, Lessee shall surrender and return to Lessor the Premises and shall convey to Lessor Lessee's interest in the Land to Lessor, and Lessor may, at any time after the expiration or termination of the Term, without further notice, re-enter and repossess the Premises by any lawful method.
- (b) If the term shall terminate as a result of Lessor's exercise of its early termination rights under Article 1.3, Lessor shall remit the Early Termination Payment to Lessee not later than the Early Termination Date; otherwise Lessor's exercise of its early termination right shall be null and void.

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- (c) If the Term shall terminate as a result of Lessor's default, Lessee shall convey the Premises to Lessor upon payment of damages and reasonable costs and attorneys fees as set forth in Section 6.3.

2.4 Removal. All personal property of Lessee which cannot be removed from the Land without causing irreparable damage to the Land shall become the property of Lessor and shall remain upon and be surrendered with the Land upon termination of the Term, upon the terms and conditions provided in Section 2.3 above. All other personal property of Lessee shall remain the property of Lessee and, upon termination of the Term, shall be removed from the Land at the expense of Lessee as provided in the Use and Management Agreement unless at the option of Lessee, Lessee determines that it is in Lessee's best interest to abandon its personal property and to not remove it from the Premises. All such property to be removed by Lessee at the end of the Term which remains on the Land ninety days after the end of the Term shall be deemed abandoned and may, at the election of Lessor, either be retained as Lessor's property or may be removed from the Land by Lessor at Lessor's expense. The provisions of this Section shall survive expiration or earlier termination of this Lease.

2.5 Easements for Facility. Lessor agrees that the Land includes easements reasonably necessary for the use of the Facility. Lessor agrees to promptly execute and deliver recordable easements in forms reasonably required by Lessee to evidence such easements of record.

2.6 Other Easements.

- (a) Lessee may at any time and from time to time request Lessor to convey an easement affecting any part of the Land or other real property owned by Lessors to a corporate utility, public body or other party, for utility, drainage or access purposes, upon written certification by Lessee and other evidence reasonably requested and acceptable to Lessor that the conveyances are needed for the more efficient operation of the Premises and will not impair the efficient operation of the Premises or adversely affect the market value thereof. Lessor will execute the conveyance.
- (b) Lessor may at any time and from time to time request Lessee to grant permission for Lessor to enter the Premises to install utilities through or under the Improvements provided that Lessor does not unreasonably interfere with Lessee's use of the Facility according to that Use and Management Agreement.

2.7 Full Force and Effect. Unless otherwise canceled or terminated in accordance with the provisions herein, this Ground Lease shall remain in full force and effect in its entirety from the Commencement Date throughout the Term. Upon expiration of the Term, the provisions and terms of this Ground Lease shall become unenforceable and of no further force or effect, except as otherwise may be expressly provided herein.

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### ARTICLE 3. Rent.

3.1 Rent. Lessee shall pay no rent. In lieu of rent, Lessee shall construct a training facility and classrooms on the Land as detailed in Article 5 below to be used by Lessor and Lessee as set forth in that Use and Management Agreement entered into by Lessor and Lessee concurrently with their execution of this Ground Lease.

3.2 Expenses. Except as otherwise specifically set forth herein, it is the intent and purpose of this Ground Lease that all costs, expenses, and obligations relating to the Premises which may arise or become due during the Lease Term shall be borne and paid by Lessor as set forth in the Use and Management Agreement, and that Lessor shall indemnify and save harmless Lessee from and against all such costs, expenses and obligations.

### ARTICLE 4. Taxes.

4.1 Payment of Taxes. Lessor shall, subject to the right to protest and contest the terms of any assessment agreement, be responsible for and pay and discharge to the appropriate collecting authorities not later than the due date therefor (and in any case before any fine, penalty, interest or cost may be added thereto for the nonpayment thereof):

- (a) all taxes of any nature whatsoever, including without limitation, all real estate taxes, insurance premiums, operating expenses, maintenance costs, all taxes payable under Minn. Stat. § 272.01, subd. 2, and under any successor or supplemental provisions, payments in lieu of taxes, assessments, water rents, sewer rents and charges, duties, impositions, license and permit fees, charges for public utilities of any kind, payments and other charges of every kind and nature whatsoever, ordinary or extraordinary, foreseen or unforeseen, general or special, together with any interest or penalties imposed upon the late payment thereof, which, pursuant to past, present or future law, during or prior to the Term, shall have been or shall be levied, charged, assessed, imposed upon or grow or become due and payable out of or for or have become a lien or encumbrance on the Premises or any part thereof;
- (b) all taxes, payments in lieu of taxes, fees, withholdings and other governmental charges of any nature whatsoever, including, without limitation, penalties and interest imposed, incurred by or asserted against the Premises or any portion thereof, on account of, or with respect to, this Lease or any document referred to herein or any of the transactions contemplated hereby or thereby or the purchase, acceptance or rejection of the Premises or any portion thereof or the ownership, nondelivery, leasing, releasing, subleasing, possession, use, operation, maintenance, repair, condition, sale, return or other disposition of the Facility or any portion thereof or any indebtedness with respect thereto or the rental, receipts, earnings or gains arising therefrom

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(all foregoing taxes, payments, withholdings, governmental charges, interests, penalties, rents, assessments, duties, impositions, fees and amounts payable in lieu of any thereof being hereinafter referred to as "Taxes").

4.2 Separate parcels. Lessee shall cooperate to the extent permitted by law with Lessor in obtaining from the appropriate tax authorities a separate tax parcel and/or separate assessments of the Land and the Facility, if Lessor requests said cooperation.

4.3 Other charges. Lessor shall pay or cause to be paid all charges incurred for water, sewer, gas, electricity, light, heat, and power, and for telephone, except for extraordinary communication costs necessitated by MnSCU classes, protective and other communication services, and for all other public or private utility services which are used, rendered, or supplied upon, to or in connection with the Premises at any time during the Lease Term.

**ARTICLE 5. Construction of Facility;  
Equipment and Other Fixtures; Insurance.**

5.1 Facility. As soon as practicable after the Commencement Date, Lessee shall commence construction of the Facility and complete the same, subject to the following:

- (a) the Facility shall be constructed in accordance with plans and specifications prepared by consultants selected by Lessee (collectively the "Plans" which shall include any modifications thereof) Said Plans are to be mutually agreed upon by Lessor and Lessee and once mutual agreement is reached, said Plans should be stamped "Approved" and initialed by both parties. Upon approval, and as of the date thereof, said Plans are incorporated by reference herein and made a part hereof thereby;
- (b) the Facility shall be constructed in accordance with all applicable federal, state and local laws, ordinances, rules and regulations, including the American with Disabilities Act of 1990;
- (c) Lessee at its sole expense shall obtain governmental approvals necessary for the construction of the Facility, excepting any governmental approvals or permits required due to environmental concerns. Lessor shall pay for any governmental approvals or permits required due to environmental concerns. Lessor shall provide any information necessary to obtain the governmental approvals and permits.
- (d) Lessee shall be responsible for all costs and expenses of the pre-design, design and construction of the Facility, excluding Exhibit B Equipment and other fixtures to be provided by Lessor under Section 5.2 hereof, in an amount up to, but not exceeding, a total expenditure of Five Million Dollars (\$5,000,000), as authorized by Minnesota Laws 1996, ch. 463, § 13, subd. 12.

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- (e) Lessee, at its expense shall obtain all construction surveys necessary to construct the building and shall perform all soil borings and testing required for construction, except that any soil borings and testings required because of environmental concerns shall be at Lessor's expense.
- (f) Lessee shall perform the construction work in a manner to prohibit any liens to be placed on the property due to construction, except as may be due to environmental issues.
- (g) Lessee shall use its best efforts to complete construction within budget, and shall budget the project with a contingency factor of at least ten (10) percent to minimize the possibility of a cost overrun.

5.2. Equipment and Other Fixtures. Lessor shall acquire equipment and other fixtures, as shown on Exhibit B ("Exhibit B Equipment"), attached hereto and made a part hereof thereby, at a cost of not less than \$1,600,000 and install said Exhibit B Equipment, as soon as practicable during or after construction of the Facility, subject to the following:

- (a) said Exhibit B Equipment shall not include leased equipment, unless Lessor obtains written Board approval of the equipment lease/purchase agreement or lease agreement. To obtain approval of a particular lease/purchase or lease agreement for specific items of Exhibit B Equipment, Lessor must submit to the Board for review the lease/purchase or lease agreement and documentation as required by the Board to show that the equipment is new and the lease/purchase price is an uninflated fair market value. The Board shall review the submitted documents and either approve or disapprove the transaction.
- (b) except for the foregoing subsection (a), said Exhibit B Equipment shall be new equipment, purchased outright and certified for its intended purposes with full warranties;
- (c) said Exhibit B Equipment shall be installed with all safety features installed on the Exhibit B Equipment as recommended by the manufacturer.
- (d) All Exhibit B Equipment shall be in compliance with State and Federal safety regulations and relevant standards; Lessor shall not be required to provide any special or other equipment beyond the Exhibit B Equipment in connection with the Minnesota State Colleges and University's use of the Premises under the Use and Management Agreement.

5.3 Discharge of Lien. If the Premises shall become subject to any vendor's, mechanic's, laborer's, materialman's or other lien, encumbrance or charge based upon the furnishing of materials, equipment, or labor to or for the benefit of Lessor, or based upon a loan to Lessor, at any time during the Term, Lessor shall cause the same, at its sole cost and expenses, to be satisfied or discharged within 60 days after notice thereof to Lessor given by or on behalf of a

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lienor, or shall cause the lienor or mortgagee to release the Premises from said lien, mortgage, encumbrance or charge.

5.4 Title Insurance. Lessor shall purchase a title commitment on behalf of Lessee on the Facility in the amount of Six Million Six Hundred Thousand Dollars (\$6,600,000) that evidences that Lessee's leasehold under this Ground Lease constitutes a perfected first priority lien against Lessor's fee estate and that the lien of the leasehold estate is not subject to the lien of a mortgage.

5.5 Security. During the Term of this Ground Lease, Lessor shall not use the Premises as security for any loan of whatever nature.

5.6 Insurance. During the period of construction of the Facility, Lessee shall require contractor, through Lessee's contract with the contractor, to obtain sufficient insurance of the types generally carried during construction to insure against bodily injury, death, or property damage occurring on, in, or about the Facility during construction. All such insurance shall be effected under valid and enforceable policies issued by insurers of recognized responsibility which are qualified to do business in Minnesota.

5.7 Overruns. In the event of a cost overrun on construction of the Facility,

- (a) Lessee has no obligation to request additional funds from the legislature to cover the cost overrun.
- (b) If the cost overrun is Ten Thousand Dollars (\$10,000) or less, Lessor shall pay for the additional expense and the overrun shall not constitute a default hereunder.
- (c) If the cost overrun is due to problems encountered as a result of environmental concerns, Lessor shall pay for the total cost overrun, except that if at the time environmental concerns are raised and the cost to abate those concerns so as to permit construction is determined by mutual agreement of both parties to be prohibitive and the project is consequently abandoned, Lessor shall reimburse Lessee for all expenses incurred, and this Ground Lease shall terminate.
- (d) If the cost overrun is (1) not due to Lessor's sole negligence, or (2) within the \$10,000.00 overrun covered by Section 5.7 (b), or (3) not Lessor's responsibility under Section 5.7(c):
  - (i) First, Lessee may seek additional funds from the Legislature to complete the Facility. If Lessee seeks such funds, the delay caused by the legislative process shall not constitute a default hereunder.
  - (ii) Second, if Lessee notifies Lessor that Lessee shall not seek additional funds from the Legislature, Lessor shall have the option to purchase the uncompleted facility for its total cost to the State up to the date of purchase.

**3039241****ARTICLE 6. Default; Remedies.****6.1 Events of Default.**

- (a) If Lessee shall have failed to commence construction of the Facility within 120 days after the Plans have been approved under Section 5.1(a), except that Lessee is not required to commence construction during winter, such failure shall constitute an "Event of Default" under this Ground Lease and Lessor shall be entitled to exercise its remedies on default as specified and set forth in Section 6.2 hereof. Except as expressly set forth in this Section 6.1, no other breach, violation or default hereunder or under any other instrument, document or agreement shall permit exercise of the remedies described in Section 6.2 hereof.
- (b) If (i) Lessor shall have failed to provide the Exhibit B Equipment required under Laws of Minnesota, ch. 463, § 13, subd. 12, the Use Agreement and this Ground Lease, as soon as practicable after Lessee receives a Certificate of Occupancy, (ii) any representation, covenant, or warranty made by Lessor here under shall prove to have been untrue in any material respect, or materially misleading as of the time such representation, covenant, or warranty was made, or (iii) without the written consent or waiver of Administration, Lessor fails to fully comply with any provision, term, condition, covenant or warranty contained in this Ground Lease, such failure or misrepresentation shall constitute an "Event of Default" under this Ground Lease and Lessee shall be entitled to exercise its remedies on default as specified and set forth in Section 6.3 hereof.

**6.2 Lessor's Remedies on Default.**

- (a) Upon the occurrence of an Event of Default by Lessee, Lessor shall provide written notice of such default to Lessee, in accordance with the notice provisions set forth in Article 10 hereof. Upon giving of notice as described above ("Default Notice to Lessee"), Lessor's exclusive remedy is to terminate and cancel this Ground Lease. In such event, Lessor, by notice to Lessee, shall designate a date not less than 90 days from the giving of such notice on which this Ground Lease shall terminate in all respects as if such date were the Expiration Date.
- (b) Lessor shall not recover any reliance costs. Except for the express remedies set forth above, Lessors shall have no additional rights or remedies with respect to this Ground Lease or to the Use and Management Agreement.

**6.3 Lessee's Remedies on Default.** Upon an occurrence of Event of Default by Lessor, Lessee may at its option, by written notice to Lessor, designate a date, not less than 60 days from the giving of the notice on which the Term shall terminate unless the default specified in the notice has been cured, provided that if the nature of Lessor's default is such that more than 60 days are required to cure such default, and provided that Lessor gives notice to Lessee of the circumstances requiring such additional time, the Term shall not terminate if Lessor has

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commenced performance within such 60 day period and thereafter diligently proceeds to completion with such cure. Lessor acknowledges that if the Term shall be terminated as a result of Lessor's default under this Section 6.3, that Lessee shall have suffered damages in the amount of the appropriation expended and that such amount, plus reasonable costs and attorneys fees in enforcing this provision or in collecting the foregoing amount of the appropriation equal to 10% of the appropriation expended, shall become immediately due and payable by Lessor to Lessee upon the termination of the Term under this provision.

6.4 Additional Remedies. In addition to the right to terminate the Lease pursuant to Section 6.3, Lessee shall have the right, if Lessor shall not have cured an Event of Default within the period specified in Section 6.3, to sue for specific performance plus reasonable costs and attorneys fees.

### ARTICLE 7. Environmental Matters.

7.1 As used in this Article, the following terms shall have the meanings set opposite such terms:

- (a) "Release" shall mean any spillage, leakage, emission, release, discharge, disposal, leaching, burial, or abandonment or emanation of, on, from, or in respect of the Premises;
- (b) "Hazardous Substance" shall mean any substance: (i) the presence of which requires investigation or environmental cleanup, removal or remediation under any applicable law, or (ii) which is or becomes defined as a hazardous waste, hazardous substance, pollutant or contaminant under any applicable law including the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. section 9601 et seq.) and the Resource Conservation and Recovery Act (42 U.S.C. 6901 et seq.), or (iii) which is toxic, explosive, corrosive, flammable, infectious, radioactive, carcinogenic, mutagenic, or otherwise hazardous and is or becomes regulated by any applicable law, or (iv) the presence of which on the Premises causes or threatens to cause a nuisance upon the Premises or to adjacent properties or poses or threatens to pose a hazard to the health or safety of persons on or about the Premises, or (v) which contains gasoline, diesel fuel, or other petroleum hydrocarbons;
- (c) "Environmental Claim" shall mean any claim, action, cause of action, investigation, or notice by any person or legal entity alleging liability or potential liability (including those for investigatory or governmental response costs, damages or injuries to natural resources, property, or persons, or fines or penalties, and fees and disbursements of legal counsel and environmental consultants) arising out of, based on, or resulting from the Release of any Hazardous Substance (including any Release at a site away from the Premises that originated at or from the Premises), and forming the basis of any violation or alleged violation of any applicable law with respect to the protection of human



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health, the ambient air, surface or ground water, or land surface or subsurface strata, including any of the laws referred to in the definition of Hazardous Substance.

7.2 Lessor shall indemnify, defend (with counsel reasonably satisfactory to Lessee), and save harmless Lessee against and from any Environmental Claim arising out of, based on, or resulting from conditions, actions or inactions, or a state of facts existing or occurring prior to or during the Term of this Lease, with the exception of any Environmental Claim arising out of, based on, or resulting from construction of the Facility as set forth in the Use and Management Agreement. Section 9.2 Lessor and Lessee recognize that only a Minnesota Assistant Attorney General or a private attorney assigned by the Attorney General of Minnesota to serve as special counsel may provide representation to Lessee, and Lessor agrees to reimburse Lessee or the Office of the Attorney General of Minnesota, as the case may be, for the costs associated with the defense of any claim under this Section.

#### **ARTICLE 8. Assignment and Subletting.**

8.1 Lessee, without the prior consent of Lessor, may not assign this Ground Lease or any interest herein or sublease any part or all of the Premises.

#### **ARTICLE 9. Repairs and Maintenance; Damage and Destruction.**

9.1 Lessor, at its sole cost and expense, shall take good care of the Premises and shall make all structural and nonstructural, exterior and interior, repairs and replacements to the Facility necessary to keep and maintain the Facility in the condition in which it was when completed and an occupancy certificate was issued, ordinary wear and tear excepted, as more fully set forth in the Use and Management Agreement, except all repairs and replacements necessitated by Lessee's negligence, except that Lessee shall not be liable for any repairs and replacements required as a result of ordinary wear and tear. Any requirement to repair or replace necessitated by Lessee's acts or negligence is subject to an appropriation by the Minnesota Legislature for such repair or replacement, and in the event the Minnesota Legislature does not provide such appropriation, Lessee is relieved of any such requirement to repair or replace.

9.2 If the Facility shall be damaged or destroyed by any force majeure, Lessor, at its sole cost and expense, shall repair, replace, rebuild and restore the Facility as nearly as is reasonably possible to its value, size, character, utility, and condition immediately prior to such damage or destruction with such changes and alterations as shall have been approved in advance by Lessee (collectively the "Restoration") which approval shall not be unreasonably withheld. Lessor shall commence and complete the Restoration with due diligence. If Lessor fails so to effect the Restoration, and in any event fails to complete the Restoration within nine months after such damage or destruction, Lessee, in addition to its right to effect the Restoration pursuant to Article 13 in the Use and Management Agreement, shall have the alternative right to terminate this Ground Lease by giving notice to Lessor.

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**ARTICLE 10. Notices.**

10.1 All notices and other communications hereunder shall be in writing and shall be deemed effective upon receipt (or refusal of receipt) and shall be delivered personally or sent by certified or registered mail, return receipt requested, to the parties at the respective addresses specified below or at such other address for a party as shall be specified by like notice.

10.2

Address of Lessor:

Ford Motor Company  
966 South Mississippi River Boulevard  
St. Paul, Minnesota 55116  
Attention: Human Resources Manager

with one copy each to:

United Autoworkers  
Local 879  
2191 Ford Parkway  
St. Paul, Minnesota 55116  
Attention: President

Ford Motor Land Services Corporation  
One Parklane Boulevard  
Dearborn, MI 48126  
Attention: Corporate Real Estate

Address of Lessee:

State of Minnesota  
Department of Administration  
50 Sherburne Avenue, Suite 309  
St. Paul, Minnesota 55155  
Attention: Real Estate Management Division

**3039241****ARTICLE 11. Alterations To Premises.**

11.1 Lessee, at its expense, may make nonstructural additions, alterations, and improvements to the Premises (collectively "Lessee's Alterations") with Lessor's prior consent. All Lessee's Alterations shall be made in compliance with applicable laws and the cost of all Lessee's Alterations shall be paid by Lessee so that the Premises will at all times be free from any mechanic's or similar liens.

**ARTICLE 12. Condemnation.**

12.1 The term "Taking" shall mean a taking during the Lease Term of all or part of the Premises or its access to public highways as a result of condemnation or by agreement between Lessor and the governmental or other body which has the power of condemnation. The term "Date of Taking" shall mean the date on which title is vested in such authority. Lessor with the consent of Lessee shall have the right to prosecute and negotiate any action involving a Taking.

12.2 Forthwith upon the receipt by Lessor or Lessee of any notice of the institution of any proceeding for a Taking, the party receiving such notice shall promptly give notice to the other party to this Ground Lease.

12.3 In the event of a Taking of all of the Premises, this Ground Lease, at the election of Lessor shall terminate as of the Date of Taking. Such election shall be made by notice to Lessee within 120 days after the Date of Taking.

12.4 In the event of a Taking of less than all of the Premises, and Lessee or Lessor in its reasonable opinion, shall determine that the remaining portions of the Premises cannot be used satisfactorily for all the specific purposes set forth in the Use and Management Agreement and shall forward a notice to the other party of such determination within 120 days after the Date of Taking, this Ground Lease shall terminate as of the Date of Taking, or, if Lessee shall have remained in possession of the untaken part of the Premises after the Date of Taking, this Ground Lease shall terminate thirty days (30) days after the date of such notice by the one party to the other. Such termination date shall be no later than the 180th day after the Date of Taking.

12.5 If this Lease shall terminate under Section 12.3 or 12.4, the aggregate of the awards or other proceeds of the Taking (including any interest in or paid with respect to such award or proceeds) on account of Lessor's and Lessee's interests in the Premises shall be divided between Lessor and Lessee as follows:

- (a) Lessee shall be entitled to receive such portion of such awards or proceeds, with the interest thereon, as shall represent (i) the value of the Facility as determined by two appraisers, one each selected by Lessor and Lessee, or if such appraisers cannot agree, by a third appraiser selected by the first two appraisers, immediately prior to the Date of Taking; and

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- (b) Lessor shall be entitled to receive the balance of such awards or proceeds, with the interest thereon, including such awards or proceeds for the value of the Land.

12.6 To the extent that the proceeds of the Taking to be paid to Lessee are less than the amount Lessor would have paid Lessee under Section 13.3 if Termination Date were the Date of Taking, Lessor shall remit the difference to Lessee.

12.7 If a Taking does not result in a termination of this Ground Lease under Section 12.3 or 12.4 and any part of the Facility shall have been taken:

- (a) Lessee shall repair and restore the Facility to the same size, character, utility and condition that existed immediately prior to the Taking (or if the Premises are not capable of being so repaired and restored, then as closely as possible to the size, character, utility and condition immediately prior to the Taking) excluding equipment and other fixtures purchased and installed by Lessor under Section 5.2, if the proceeds of the taking are sufficient to cover the total cost of repair and restoration or, if the proceeds of the taking are insufficient, if and only if the Minnesota Legislature appropriates additional funds or Lessor provides sufficient funds for such purpose,
- (b) the total of the awards or other proceeds of the Taking attributable to the Facility, with the interest thereon, shall first be used to reimburse Lessee for its actual expenses in restoring or repairing the Facility and any remainder shall be allocated between Lessor and Lessee in the manner prescribed in Section 12.5; and
- (c) this Lease shall remain in full force and effect with respect to the remainder of the Premises.

12.8 If the total proceeds from the Taking are insufficient to cover the cost of repairing or restoring the Premises and if neither Lessor nor Lessee are willing or able to provide the shortfall, this Ground Lease shall terminate and the proceeds shall be divided by prorating such awards or proceeds, with the interest thereon, with (i) Lessee entitled to receive such portion of such awards or proceeds, with interest thereon, as shall represent the value of the Facility as determined by two appraisers, one each selected by Lessor and Lessee, or if such appraisers cannot agree, by a third appraiser selected by the first two appraisers, and (ii) Lessor entitled to receive the balance of such awards or proceeds, with interest thereon, including such awards or proceeds for the value of the Land.

**ARTICLE 13. Option to Terminate.**

13.1 During the Term, Lessor shall have the option to terminate this Ground Lease ("Option to Terminate"), all upon and subject to the terms and provisions of this Article.

13.2 The Option to Terminate may be exercised by Lessor at any time during the Lease Term upon Lessor's determination that the space in the Facility should be utilized, in whole or in part,

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in Lessor's non-training activities conducted at Lessor's St. Paul manufacturing plant, by giving not less than one year's notice to Lessee of the date when this Ground Lease shall terminate ("Early Termination Date").

13.3 On the Early Termination Date, Lessee shall peacefully yield up the Premises to Lessor as though the Early Termination Date were the Expiration Date.

13.4 On the Early Termination Date, Lessor shall pay to Lessee, in immediately available funds, that portion of the Cost of the Facility as shall be determined by multiplying the Cost of the Facility by a fraction, the numerator of which shall be the number of whole months from and after the Termination Date to and including the Expiration Date, and the denominator of which shall be 300. 13.5 "Cost of the Facility" shall be Five Million Dollars (\$5, 000,000).

**ARTICLE 14. Representations and Covenants.**

14.1 Representations and Covenants by Lessor. Lessor hereby represents and covenants that as of the date hereof:

- (a) Lessor is a duly existing corporation incorporated under the laws of the State of Delaware, and is in good standing under the laws of the State of Minnesota; Lessor is duly qualified to transact business in the State of Minnesota.
- (b) Lessor has full power and authority to execute, deliver and perform its obligations under this Ground Lease.
- (c) Lessor has duly authorized the execution and delivery of this Ground Lease.
- (d) This Ground Lease has been duly executed and delivered by Lessor and, assuming due authorization, execution and delivery by Lessee, constitutes a valid and binding lease agreement of Lessor, enforceable against Lessor in accordance with its terms (except to the extent enforceability may be limited by bankruptcy, reorganization, insolvency, moratorium or other similar laws of general application relating to the enforcement of creditor's rights and except that certain equitable remedies, including specific performance, may be unavailable).
- (e) Lessor knows of no action, suit, proceeding or investigation at law or in equity before or by any court, either State or federal, or any public body pending or threatened, calling into question (i) the creation or existence of Lessor, (ii) the financial viability of Lessor, in general, or Lessor's manufacturing plant located in St. Paul, Minnesota in particular, (iii) the validity of this Ground Lease, or (iv) the authority of Lessor to execute, deliver or perform this Ground Lease.
- (f) The execution, delivery and performance by Lessor of this Ground Lease, to Lessor's knowledge, will not violate in any material respect, any law, ordinance, regulation, judgment, decree, writ, order or injunction, and will not cause any

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violation of or default under, any agreement or instrument to which Lessor is a party or by which any of its properties are bound, which when considered by itself or with any other violation or default may materially adversely affect the ability of Lessor to perform or observe its obligations hereunder, and under the Use and Management Agreement.

- (g) Lessor is the fee owner of the Land and except for the Permitted Encumbrances on Exhibit C, to be determined by Lessee upon review of the title commitment, Lessor's fee title is free and clear of all mortgages and all other liens and encumbrances.
- (h) Lessor shall provide One Million Six Hundred Thousand Dollars (\$1,600,000) in matching funds as set forth in the commitment letters dated June 11, 1996 and July 24, 1996, together with a transmittal dated July 31, 1996, which are incorporated by reference herein and made a part hereof thereby.
- (i) There are no Hazardous Substances or conditions above ground on the Land that may support a claim or cause of action under state, local or federal law, regulation, rule, policy or order relating to the protection of the environment. The Land is not now, and has never been listed on any list of sites contaminated with such substances, nor used as landfill, dump, disposal or storage site for such substances.

14.2 Representations by Lessee. Lessee hereby represents and agrees that as of the date hereof:

- (a) Lessee is a duly existing agency under the constitution and laws of the State.
- (b) Lessee has full power and authority under the constitution and laws of the State to execute, deliver and perform its obligations under this Ground Lease.
- (c) Lessee has duly authorized the execution and delivery of this Ground Lease.
- (d) To the best knowledge of Lessee, no public officer of Lessee who is authorized to take part in any manner in making this Ground Lease has a personal financial interest in or has personally and financially benefited from this Ground Lease or any such contract.
- (e) Lessee knows of no action, suit, proceeding or investigation at law or in equity before or by any court, either State or Federal, or any public body pending or threatened, calling into question (i) the validity of this Ground Lease, or (ii) the authority of Lessee to execute, deliver or perform this Ground Lease.

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### ARTICLE 15. Inspection.

15.1 Lessor's and Lessee's inspectors and all government inspectors having jurisdiction over the Premises shall have the right at all reasonable times to enter the Premises to examine and inspect the Premises as may be necessary to carry out or determine compliance with this Ground Lease or government regulations, provided that to the extent required by law any persons exercising such rights under this Article shall be escorted by representatives of Lessor.

### ARTICLE 16. Definitions.

As used in this Ground Lease, the following terms shall have the meanings set forth after each term.

16.1 "Board" - means the Board of Directors consisting of the Commissioner of the Department of Administration or its designee, the Chancellor of the Minnesota State Colleges and Universities or its designee, one representative of the United Auto Workers Local 879, and one representative of the Ford Motor Company, as established pursuant to Minnesota Laws 1996, chapter 463, section 13, subdivision 12.

16.2 "Use and Management Agreement" - means the Robotics Training Center Use and Management Agreement entered into by and between Lessor, Lessee and the Board on even date herewith.

### ARTICLE 17. Miscellaneous.

17.1 Consent. Any consent or approval required of Lessor or Lessee herein shall not be withheld or delayed unreasonably.

17.2 Waiver. No failure by Lessor or Lessee to insist upon the strict performance of any provision of this Ground Lease or to exercise any right, power or remedy consequent upon a breach thereof, shall constitute a waiver of any such breach or of such provision. No waiver of any breach shall affect or alter this Ground Lease, but each and every provision of this Lease shall continue in full force and effect with respect to any other then existing or subsequent breach thereof.

17.3 Binding Effect. The provisions of this Ground Lease shall bind and inure to the benefit of Lessor and Lessee and, except as otherwise provided herein, their respective successors and assigns.

17.4 Severability. If any provision of this Ground Lease or the application thereof to any person or circumstance, to any extent shall be invalid or unenforceable, the remainder of this Ground Lease, or the application of such provision to person or circumstances other than those as to which it is invalid or unenforceable, shall not be affected thereby, and each provision of this Ground Lease shall be valid and enforceable to the fullest extent permitted by law.

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17.5 Choice of Law. (a) This Ground Lease shall be governed and construed in accordance with the laws of the State of Minnesota, without regard to conflicts of laws. Any legal proceeding initiated by either Lessor or Lessee against the other in connection with this Ground Lease or the Premises shall be commenced only within the State of Minnesota with venue in Ramsey County District Court.

17.6 Jury Trial. To the extent permitted by law, Lessor and Lessee waive trial by jury in any legal proceeding involving this Ground Lease.

17.7 Entire Agreement. This Ground Lease and the Use and Management Agreement constitute the entire agreement between the parties and all prior negotiations and agreements are merged therein. Neither Lessor's nor Lessee's agents have made any representations or warranties with respect to the Premises, or this Ground Lease, except as expressly set forth herein, and no rights or remedies are or shall be acquired by Lessor or Lessee by implication or otherwise unless expressly set forth herein.

17.8 Relationship of Parties. The relationship between the parties hereto is solely that of Lessor and Lessee and nothing herein contained shall constitute or be construed as establishing any other relationship between them, including the relationship of principal and agent, employer and employee, or parties engaged in a partnership or joint venture. Without limiting the foregoing, it is specifically understood that neither party is the agent of the other and neither is in any way empowered to bind the other or to use the name of the other in connection with the construction, maintenance, or operation of the Premises, except as otherwise specifically provided herein.

17.9 Recordation. Lessee at its option may record this Ground Lease, or at Lessee's or Lessor's request, each party shall execute a short form, notice or memorandum of lease for recording purposes. Lessor shall cooperate with Lessee in every reasonable way to place this Ground Lease (or short form, notice or memorandum, if executed) in recordable form. Lessor shall not record this Ground Lease or memorandum hereof without Lessee's consent.

17.10 Writing. Neither this Ground Lease nor any provision hereof may be changed, waived, discharged or terminated orally, but only by an instrument in writing signed by the same parties or their successors in office as executed this Ground Lease.

17.11 Certification. Either party, upon not less than 30 days' prior notice from the other, will execute, acknowledge and deliver to the other party, or to a legal entity specified by the other party, a certificate certifying:

- (a) whether this Ground Lease is unmodified and in full force and effect (and, if modified, whether it is in full force and effect as modified);
- (b) whether or not, to the knowledge of the certifying party, there are then-existing defaults under this Ground Lease (and if so, specifying the defaults with particularity); and



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- (c) whether or not, to the knowledge of the certifying party, either party has any claims against the other hereunder (and, if so, specifying the same with particularity).

17.12 Dispute Resolution. If a dispute arises between the parties relating to this Ground Lease, the following procedure shall be implemented before either Lessor or Lessee pursues other available remedies, including remedies under Article 6, except that Lessor or Lessee may seek injunctive relief from a court where appropriate in order to maintain the status quo while this procedure is being followed:

- (a) Lessor and Lessee shall hold a meeting before the Board within 30 days of notice to the other party, to attempt in good faith to negotiate a resolution of the dispute; provided, however, that no such meeting shall be deemed to vitiate or reduce the obligations and liabilities of Lessor or Lessee or be deemed a waiver by Lessor or Lessee of any remedies to which such party would otherwise be entitled hereunder.
- (b) If, within 30 days after such meeting ("Negotiating Period"), Lessor and Lessee have not succeeded in negotiating a resolution of the dispute, they agree to submit the dispute to mediation and to bear equally the costs of the mediation. Mediation shall take place in the city where the Premises are located, unless otherwise agreed to by the parties.
- (c) If Lessor and Lessee cannot mutually agree upon a mediator, the Board shall choose a mediator. If either Lessor or Lessee objects to the Board's choice of mediator, the Board shall choose a second mediator. If the party which did not object to the first mediator chosen objects to the second, the first and second mediator shall select a third who shall then mediate the dispute.
- (d) Lessor or Lessee agree to participate in good faith in the mediation and negotiations related thereto for a period of 30 days. If Lessor or Lessee are not successful in resolving the dispute through mediation, then the parties are free to take whatever legal action is open to them under the terms and conditions of this Ground Lease.

17.13 State Audit. The books, records, documents, and accounting procedures and practices of Lessor relevant to this Ground Lease shall be subject to examination by the State and/or the Legislative Auditor.

17.14 Authorized Agent. The State's authorized agent for the purposes of administration of this contract is the Commissioner of the Department of Administration or its delegate.

17.15 Recitals. The Recitals constitute an integral party of this Ground Lease and are incorporated into the body of this Ground Lease hereby.

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OFFICE CO. RECORDER  
RAMSEY COUNTY MN  
ST. PAUL, MINN.

199 SEP -3 P 3:25

SECURITY RECORDER

**CITY OF SAINT PAUL, MINNESOTA  
MODIFICATION OF RIVER CORRIDOR STANDARDS**

ZONING FILE NO: 99-180

APPLICANT: Standby Systems Inc. on behalf of Ford Motor Company

PURPOSE: Modification of the river corridor standards to allow for relocation and construction of 8 propane tanks on slopes greater than 12 percent and construction of rehabilitated slopes steeper than 18 percent.

LOCATION: 986 Mississippi River Blvd. Between Ford Parkway and Magoffin

LEGAL DESCRIPTION: AUDITOR'S SUBDIVISION NO. 87 ST. PAUL, MINN. ALL OF LOT 1 BLK 1 & THAT PART OF LOT 3 BLK 1 LYING NLY OF A 7 COURSE LINE DESC IN DOC NO# 2087758 ALL IN FORD MOTOR CO FIRST ADD & IN SD AUD SUB N 87 THE FOL EX N 500 FT OF W 328 FT OF THE E 999.4 FT MEAS FROM EL OF SEC 17 TN 28 R 23 & EX N 1530.54 MOL OF E 671.4 FT MEAS FROM SD EL. PART NLY OF FORD MOTOR CO FIRST ADD OF LOTS 1 & LOT 2

ZONING COMMITTEE ACTION: Approval with condition

PLANNING COMMISSION ACTION: Approval with condition

CONDITIONS OF THIS PERMIT:  
1. Ford Motor Company is requested within one year to develop a plan for addressing the erosion and lack of landscaping on the southerly and westerly slopes of the trailer parking area.

APPROVED BY: Gladys Morton, Commission Chairperson

I, the undersigned Secretary to the Zoning Committee of the Planning Commission for City of Saint Paul, Minnesota, do hereby certify that I have compared the foregoing copy with the original record in my office; and find the same to be a true and correct copy of said original and of the whole thereof, as based on minutes of the Saint Paul Planning Commission meeting held on August 5, 1999, and on record in the Saint Paul Planning Office, 25 West Fourth Street, Saint Paul, Minnesota.

This permit will expire one year from the date of approval if the use herein permitted is not established.

The decision to grant this permit by the Planning Commission is an administrative action subject to appeal to the City Council. Anyone affected by this action may appeal this decision by filing the appropriate application and fee at the Zoning Office, 1400 City Hall Annex, 25 West Fourth Street. Any such appeal must be filed within 15 calendar days of the mailing date noted below.

Violation of the conditions of this permit may result in its revocation.

*Carol A. Martineau*  
Carol A. Martineau  
Secretary to the Saint Paul  
Zoning Committee

Copies to:	Applicant	Standby Systems Inc. on behalf of Ford Motor Company
	File No.	99-180
	Zoning Administrator	Wendy Lane
	License Inspector	Christine Rozek
	District Council	15



1813

Mailed: August 18, 1999

RETURN TO PED/ZONING 1100CHA

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city of saint paul  
planning commission resolution

file number 99-52

date August 13, 1999

WHEREAS, Standby Systems INC in behalf of the Ford Motor Company at 966 S. Mississippi River Boulevard, legally described as (see file), has applied for modification of the river corridor standards to allow for relocation and construction of 9 propane tanks on slopes greater than 12 percent and construction of rehabilitated slopes steeper than 18 percent; and

WHEREAS, the Zoning Committee of the Planning Commission on 8/05/99 held a public hearing at which all persons present were given an opportunity to be heard pursuant to said application in accordance with the requirements of Section 64.300 of the Saint Paul Legislative Code; and

WHEREAS, Saint Paul Planning Commission, based on the evidence presented to its Zoning Committee at the public hearing as substantially reflected in the minutes, made the following findings of fact:

1. Ford Motor Company is seeking to upgrade its supplementary fuel system to protect its production operations if NSP natural gas deliveries are curtailed. Currently Ford Motor Company has eleven 30,000 gallon propane tanks located east of its main assembly building. Ford is proposing to replace these tanks with eight new tanks of the same size. Because of fire and safety concerns the proposed location for the new tanks is adjacent to truck/trailer storage area below the bluff. A mounded (earth covered) design is proposed for the new tanks which will be partially sited on a slope greater than twelve percent. Propane will be loaded into the tanks at two unloading stations which are located on the north edge of the truck/trailer storage area.

2. Principal uses permitted in the Flood Fringe District are subject to the following standards:

(1) All structures, including accessory structures, must be elevated on fill so that the lowest floor including basement floor is at or above the regulatory flood protection

moved by Field

seconded by \_\_\_\_\_

in favor Consent

against \_\_\_\_\_

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elevation. The finished fill elevation for structures shall be not lower than one (1) foot below the regulatory flood protection elevation and the fill shall extend at such elevation at least fifteen (15) feet beyond the outside limits of the structure erected thereon.

This condition is met. The base of the tanks will be sited at a 729 foot elevation which is 13 feet above the regulated flood protection level of 716 feet.

(2) As an alternative to elevation on fill, accessory structures that constitute a minimal investment and that do not exceed five hundred (500) square feet for the outside dimension at ground level may be internally flood proofed in accordance with section 65.214(6).

Not applicable.

(3) The cumulative placement of fill where at any one time in excess of one thousand (1,000) cubic yards of fill is located on the parcel shall be allowable only as a conditional use, unless such fill is specifically intended to elevate a structure in accordance with subsection (1) of this section.

Not applicable.

(4) The storage of any materials or equipment shall be elevated on fill to the regulatory flood protection elevation.

This condition is met. The base of the tanks will be sited at a 729 foot elevation which is 13 feet above the regulated flood protection level of 716 feet.

3. All uses in the Flood Fringe District are subject to the following standards:

(1) Vehicular access. All new principal structures must have vehicular access at or above an elevation not more than two (2) feet below the regulatory flood protection elevation. If a modification to this requirement is granted, the planning commission must specify limitations on the period of use or occupancy of the structure for times of flooding and only after determining that adequate flood warning time and local flood emergency response procedures exist.

Not applicable- accessory use.

(2) Commercial uses. Accessory land uses, such as yards, railroad tracks and parking lots may be at elevations lower than the regulatory flood protection elevation. However, a permit for such facilities to be used by the employees or the general public shall not be granted in the absence of a flood warning system that provides adequate time for evacuation if the area would be inundated to a depth greater than two (2) feet or be subject to

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flood velocities greater than four (4) feet per second upon occurrence of the regional flood.

Not applicable.

(3) Manufacturing and industrial uses. Measures shall be taken to minimize interference with normal plant operations. Certain accessory land uses such as yards and parking lots may be at lower elevation subject to requirements set out in subdivision (2) above. In considering permit applications, due consideration shall be given to needs of an industry whose business requires that it be located in flood plain areas.

This condition is met. This is an accessory use sited above the regulated flood protection level.

(4) Standards pertaining to fill. Fill shall be properly compacted and the slopes shall be properly protected by the use of riprap, vegetative cover or other acceptable method. The Federal Emergency Management Agency (FEMA) has established criteria for removing the special flood hazard area designation for certain structures properly elevated on fill above the 100-year flood elevation. FEMA's requirements incorporate specific fill compaction and side slope protection standards for multi structure or multi lot developments. These standards should be investigated prior to the initiation of site preparation if a change of special flood hazard area designation will be requested.

Not applicable.

(5) Developments not to affect hydraulic capacities. Floodplain developments shall not adversely affect the hydraulic capacity of the channel and adjoining floodplain of any tributary watercourse or drainage system where a floodway or other encroachment limit has not been specified on the official zoning map.

Not applicable. This elevated area has already been factored into the hydraulic capacity of the river.

(6) Manufactured homes. Manufactured homes must meet all the density, setback and other requirements for residential use of the zoning code and all requirements of the housing and building code. Travel trailers shall not be used for living quarters.

Not applicable.

(7) Pollution of waters. No use shall be permitted which is likely to cause pollution of waters, as defined in Minnesota Statutes, Section 115.01, unless adequate safeguards, approved by the state pollution control agency, are provided.

This condition is met. Tanks will be constructed and regulated by state building code requirements and approved by the Pollution Control Agency.

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4. Standards and criteria for the protection of shore lands, wetlands and bluffs.

(a) Generally. Development shall be conducted so that the smallest practical area of land be developed at any one time and that each area be subjected to as little erosion or flood damage as possible during and after development.

This condition is met. Construction is confined to the proposed tank site, vaporizer/blender facility, truck unloading stations and service road. Within the proposed site plan, the applicant has identified a construction procedure and standards for controlling erosion and flood damage.

(b) Placement of structures:

(1) Reserved.

(2) Reserved.

(3) The following minimum setbacks for each class of public waters as described in Minnesota Regulations NR-82 shall apply to all structures except those specified as exceptions in subsection (9) below.

a. For natural environment waters at least two hundred (200) feet from the normal high water mark for lots not served by public sewer and at least one hundred fifty (150) feet from the ordinary high water mark for lots served by public sewers.

Not applicable. The Mississippi River is classified as general development waters.

b. For general development waters at least seventy-five (75) feet from the normal high water mark for lots not served by public sewer and at least fifty (50) feet from the ordinary high water mark for lots served by public sewer.

This condition is met. The tanks will be approximately 180 feet from the normal high water mark.

(4) No commercial or industrial development shall be permitted on slopes greater than twelve (12) percent.

This condition is not met. The location for the propane tanks is partially sited on slopes greater than 12 percent. The applicant is asking for a modification of this condition for the following reasons:

1. The proposed site addresses basic safety considerations by providing significantly greater separation from people and facilities. It is the best remote site from plant operational activity.

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2. The proposed site is adjacent to the primary NSP delivery system for gas and is an ideal point for interconnection between the propane and natural gas systems.

3. The proposed site is located atop an old road bed that offers the best soil stability and will result in the least amount of earth moved.

4. Civil, structural and landscape design will result in minimal site disturbance and should enhance the long term stability and natural attractiveness of the area.

For the above reasons, modification of the 12 percent slope condition appears reasonable.

(5) No residential development shall be permitted on slopes greater than eighteen (18) percent.

Not applicable.

(6) Bluff development shall take place at least forty (40) feet landward of all bluff lines.

Not applicable.

(7) Transportation, utility and other transmission service facilities and corridors shall avoid:

- a. Steep slopes;
- b. Intrusions into or over streams, valleys and open exposures of water;
- c. Intrusions into ridge crests and high points;
- d. Creating tunnel vistas;
- e. Wetlands;
- f. Forests by running along fringe rather than through them. If necessary, to route through forests, utilize open areas in order to minimize cutting;
- g. Soils susceptible to erosion, which would create sedimentation and pollution problems;
- h. Areas of unstable soils which would be subject to extensive slippages;
- i. Areas with high water tables; and
- j. Open space recreation areas.

Not applicable.

(8) At river crossing points, public facilities, crossing

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corridors and other rights-of-way shall be consolidated, so that the smallest area possible is devoted to crossing.

Not applicable.

(9) Exceptions:

- a. Location of piers and docks shall be controlled by applicable state and local regulations.
- b. Commercial, industrial or permitted open space uses requiring location on public waters may be closer to such waters than the setbacks specified in the standard set out in subsection (3) above.

Not applicable.

(c) Grading and filling:

(1) A minimum amount of filling shall be allowed when necessary, but in no case shall the following restrictions on filling be exceeded. Furthermore, fill opportunities shall be fairly apportioned to riparian landowners. The developer shall evaluate ownership patterns, configuration and the bottom profile of each wetland basin before fill opportunities are apportioned.

Not applicable.

(2) Grading and filling in shore land areas (when allowable) or any other substantial alteration of the natural topography shall be controlled in accordance with the following criteria:

- a. The smallest amount of bare ground shall be exposed for as short a time as feasible.
- b. Temporary ground cover shall be used.
- c. Methods to prevent erosion and trap sediment shall be employed.
- d. Fill shall be stabilized.

Not applicable

(3) Reserved.

(4) Only fill free of chemical pollutants and organic wastes shall be used.

Not applicable.

(5) Total filling shall not cause the total natural flood storage capacity of the wetland to fall below the natural volume of runoff from the wetland and watershed generated by a 100-year storm, as defined by the National Weather Service.



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Not applicable.

(6) Solid waste disposal and landfill shall not be permitted in the River Corridor District.

Not applicable.

(7) Development shall fit existing topography and vegetation with a minimum of clearing and grading.

This condition is met. The proposed site plan for the tanks provides for minimal clearing and attempts to integrate the earth covered tanks into the natural surroundings. The site plan specifies that in addition to natural grasses and ground cover, 48 trees and 260 shrubs will be planted to restore the site to its natural appearance.

(8) No rehabilitation slopes shall be steeper than eighteen (18) percent slope.

This condition is not met. The tanks will be covered with earth and sections of the mounded tanks will have rehabilitated slopes with 33 and 50 percent grades. The applicant is asking for a modification of this condition because the proposed grading is an attempt to visually hide the tanks, will not appreciably alter the existing slopes (33 percent grade) and the extensive landscaping on the rehabilitated slopes should mitigate any potential erosion problems.

Based on these reasons, modification of the eighteen percent condition appears reasonable.

(9) Dredging of a shore land or wetland shall be allowed only when it will not have adverse effect upon the wetland. Dredging when allowed shall be limited as follows:

- a. It shall be located in the areas of minimum vegetation.
- b. It shall not significantly change the water flow characteristics.
- c. The size of the dredged area shall be limited to the absolute minimum.
- d. Deposit of dredged material shall not result in a change in the current flow, or in destruction of vegetation or fish spawning areas, or in water pollution.

Not applicable.

5. Standards and criteria for the protection of wildlife and vegetation. Development shall be conducted so as to avoid intrusion into animal and plant habitats.

(1) No alteration of the natural environment or removal of

3267195

vegetation shall be permitted when such alteration or removal would diminish the ability of dependent wildlife to survive in the River Corridor.

This condition is met. The existing area is filled with discarded construction rubble. The proposed site restoration and landscaping measures identified within the site plan should result in an improved plant and wildlife habitat area.

(2) No wetland or bluff line vegetation shall be removed or altered except that required for the placement of structures.

Not applicable.

(3) Clear cutting shall be prohibited except as necessary for placing approved public roads, utilities, structures and parking areas.

This condition is met. Cutting of trees and vegetation will be limited to specific areas for the access service road and tank site.

(4) Natural vegetation shall be restored after any construction project.

This condition is met. The site plan identifies an extensive landscaping plan that will restore natural ground covers, 260 shrubs and 48 trees. The trees and shrubs will be placed in a random natural order.

(5) Watering areas necessary for plant survival shall be maintained or provided.

This condition is met. The site plan specifies that the landscape contractor shall water the area by truck until the job is completed and accepted by the owner.

(6) Development shall not cause extreme fluctuations of water levels or unnatural changes in water temperature, water quality, water currents or movements which may have an adverse impact on endangered or unique species of birds or wildlife.

This condition is met. This type of development should have no impact upon water conditions that would in return adversely impact birds or wildlife.

6. Standards and criteria for the protection of water quality.

(a) Generally, Development shall occur so that surface and subsurface water is not adversely affected by contaminants. Water quality should meet or exceed state standards.

This condition is met. The propane tanks are self contained and there is no discharge to the ground that will affect surface or subsurface water.

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## (b) Contamination:

(1) Development shall not be permitted on wet soils, very shallow soils, soils with high shrink-swell or frost action potential unless it is shown that appropriate construction techniques capable of overcoming the restrictive condition will be utilized.

Not applicable

(2) Septic tanks and soil absorption systems shall not be permitted where public sewer systems are available. In areas where public sewers are not available, system shall be set back from the normal high water mark in accordance with the class of public waters as prescribed in Minnesota Regulations NR-82:

a. On natural environment waters, at least one hundred fifty (150) feet.

b. On general development waters, at least fifty (50) feet.

Not applicable.

(3) Private wells shall be placed in areas not subject to flooding and up slope from any source of contamination. Wells already existing in areas subject to flooding shall be flood proofed in accordance with accepted engineering standards as defined in the Uniform State Building Code.

Not applicable.

(4) Commercial or industrial land uses requiring the storage or production of materials or wastes that may create a pollution hazard for groundwater or surface water shall be prohibited unless the quality of both the groundwater and surface waters can conform to all applicable state and federal standards, criteria, rules and regulations.

Not applicable.

## (c) Runoff:

(1) The phases of development shall be planned so that only areas which are actively being developed are exposed. Other areas shall have cover of vegetation or mulch.

This condition is met. Site plan specifications provide for stabilization of the site both during and after construction.

(2) Natural vegetation in shore land and bluff areas shall be preserved to retard surface runoff and soil erosion and

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to utilize excess nutrients.

This condition is met. The tank site is an area filled with discarded construction rubble. Site plan specifications call for restoration of the site with natural vegetation that will prevent surface runoff and erosion.

(3) Sediment shall be retained within the development site area either by filtering runoff as it flows through the development area or by detaining sediment-laden runoff in a sediment basin so that the soil particles settle out.

This condition is met. Site plan specifies that silt fences will be installed on the perimeter of the construction site and that the contractor is responsible for sediment control.

(4) Water released to a drainage system shall be directed in such a manner as to travel over natural areas rather than across established surfaces.

Not applicable.

(5) Storm water runoff may be directed to wetlands only when free of silt, debris and chemical pollutants and only at rates which will not disturb vegetation or increase turbidity.

Not applicable.

(6) Development which takes place near slopes greater than twelve (12) percent shall not result in increased runoff onto those slopes sufficient to damage vegetation or structures thereon.

This condition is met. Site plan specifications identify restoration of natural ground covers, shrubs and trees that should mitigate any runoff. The plan also calls for a drain tile system under the tanks that will mitigate runoff.

(7) Plans shall be submitted to the planning commission for any development placed landward from dikes, flood walls or levees which is below the flood protection elevation of the dikes, flood walls or levees. The plans must provide measures to ensure that flood waters do not back up onto the development from storm water drainage systems.

Not applicable.

7. Section 65.650(a) authorizes the Planning Commission to grant a modification to river corridor standards if the Commission determines that:

- a) "by reason of exceptional circumstances the strict enforcement of (the standard) would cause undue hardship,

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*and strict conformity with the standards would be unreasonable and not feasible under the circumstances."*

This condition is met for both requested modifications. Relocation of the propane tanks to the proposed site is part of Ford Motor Company's plan to protect its production operations from unexpected interruptions of natural gas service. This action is a prudent measure to insure the continued operation of the plant and maintain Ford's competitiveness in national and international markets. In examining alternative sites for the propane tanks, the propose site is the best remote location that shields the tanks from operational activity within and around the assembly plant. While the tank site partially intrudes into the 12 percent slope, inattention to safety concerns would be unreasonable. Likewise, the creation of rehabilitated slopes greater than 18 percent represent reasonable attempts to integrate these tanks into this particular site and create a natural appearance by covering them with earth and natural vegetation.

- b) *"Such modification will not result in a hazard to life or property and will not adversely affect the safety, use, or stability of a public way, slope, or drainage channel, or the natural environment."*

This finding is met for both modifications. The proposed tank facility has been sited to pose the least hazard to life and property. This facility will have no effect on any public way or drainage channel. The site plan specifically addresses the slope issues by a sensitive site restoration and mitigation plan that protects the area and enhances the natural environment.

- c) *Modifications "shall be consistent with the general purposes of the standards contained in (the river corridor section of the zoning code) and ... state and national laws and programs".*

This finding is met for both modifications. The general intent for the RC-2 river district as a whole is to "conserve and protect existing and potential recreational, scenic, natural, and historic resources". The intent of the 12 percent slope condition is to reduce the effects of poorly planned shoreline and bluff line development and prevent soil erosion. Likewise, the intent of the 18 percent rehabilitation slope condition is primarily to prevent soil erosion. These modifications are reasonable and prudent in light of the proposed site plan for this facility which will result in an enhanced natural environment and protection from erosion problems.

NOW THEREFORE, BE IT RESOLVED, that the Saint Paul Planning Commission, based on findings 1 through 7, approves the river corridor modifications to allow Standby Systems INC in behalf of Ford Motor Company to relocate and construct a propane tank facility on a slope greater than 12 percent and create rehabilitated slopes greater than 18 percent at 966 S. Mississippi River Boulevard with the condition that Ford Motor Company be requested to develop within one year a plan for addressing the erosion and lack of landscaping on the southerly and westerly slopes of the trailer parking area.

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OFFICE CO. RECORDER  
RAMSEY COUNTY MN

1999 SEP -3 P 3 25

COUNTY RECORDER

CITY OF SAINT PAUL, MINNESOTA  
MODIFICATION OF RIVER CORRIDOR STANDARDS

3267196

ZONING FILE NO: 99-180

APPLICANT: Standby Systems Inc. on behalf of Ford Motor Company

PURPOSE: Modification of the river coridor standards to allow for relocation and construction of 8 propane tanks on slopes greater than 12 percent and construction of rehabilitated slopes steeper than 18 percent.

LOCATION: 966 Mississippi River Blvd. Between Ford Parkway and Magoffin

LEGAL DESCRIPTION: AUDITOR'S SUBDIVISION NO. 87-ST. PAUL, MINN. ALL OF LOT 1 BLK 1 & THAT PART OF LOT 3 BLK 1 LYING NLY OF A 7 COURSE LINE DESC IN DOC NO# 2087758 ALL IN FORD MOTOR CO FIRST ADD & IN SD AUD SUB N 87 THE FOL EX N 500 FT OF W 328 FT OF THE E 999.4 FT MEAS FROM EL OF SEC 17 TN 28 R 23 & EX N 1530.54 MOL OF E 671.4 FT MEAS FROM SD EL; PART NLY OF FORD MCTOR CO FIRST ADD OF LOTS 1 & LOT 2

ZONING COMMITTEE ACTION: Approval with condition

PLANNING COMMISSION ACTION: Approval with condition

CONDITIONS OF THIS PERMIT:

1. Ford Motor Company is requested within one year to develop a plan for addressing the erosion and lack of landscaping on the southerly and westerly slopes of the trailer parking area.

APPROVED BY: Gladys Morton, Commission Chairperson

I, the undersigned Secretary to the Zoning Committee of the Planning Commission for City of Saint Paul, Minnesota, do hereby certify that I have compared the foregoing copy with the original record in my office; and find the same to be a true and correct copy of said original and of the whole thereof, as based on minutes of the Saint Paul Planning Commission meeting held on August 5, 1999, and on record in the Saint Paul Planning Office, 25 West Fourth Street, Saint Paul, Minnesota.

This permit will expire one year from the date of approval if the use herein permitted is not established.

The decision to grant this permit by the Planning Commission is an administrative action subject to appeal to the City Council. Anyone affected by this action may appeal this decision by filing the appropriate application and fee at the Zoning Office, 1400 City Hall Annex, 25 West Fourth Street. Any such appeal must be filed within 15 calendar days of the mailing date noted below.

Violation of the conditions of this permit may result in its revocation.

*Carol A. Martineau*  
Carol A. Martineau  
Secretary to the Saint Paul  
Zoning Committee

Copies to:

Applicant	Standby Systems Inc. in behalf of Ford Motor Company
File No.	99-180
Zoning Administrator	Wendy Lane
License Inspector	Christine Rozak
District Council	15



Mailed: August 18, 1999

RETURN TO PEB/zoning 1100 CIA

187

3267196

**city of saint paul  
planning commission resolution**

**file number** 99-52

**date** August 13, 1999

WHEREAS, Standby Systems INC in behalf of the Ford Motor Company at 966 S. Mississippi River Boulevard, legally described as (see file), has applied for modification of the river corridor standards to allow for relocation and construction of 8 propane tanks on slopes greater than 12 percent and construction of rehabilitated slopes steeper than 18 percent; and

WHEREAS, the Zoning Committee of the Planning Commission on 8/05/99 held a public hearing at which all persons present were given an opportunity to be heard pursuant to said application in accordance with the requirements of Section 64.300 of the Saint Paul Legislative Code; and

WHEREAS, Saint Paul Planning Commission, based on the evidence presented to its Zoning Committee at the public hearing as substantially reflected in the minutes, made the following findings of fact:

1. Ford Motor Company is seeking to upgrade its supplementary fuel system to protect its production operations if NSP natural gas deliveries are curtailed. Currently Ford Motor Company has eleven 30,000 gallon propane tanks located east of its main assembly building. Ford is proposing to replace these tanks with eight new tanks of the same size. Because of fire and safety concerns the proposed location for the new tanks is adjacent to truck/trailer storage area below the bluff. A mounded (earth covered) design is proposed for the new tanks which will be partially sited on a slope greater than twelve percent. Propane will be loaded into the tanks at two unloading stations which are located on the north edge of the truck/trailer storage area.

2. Principal uses permitted in the Flood Fringe District are subject to the following standards:

(1) All structures, including accessory structures, must be elevated on fill so that the lowest floor including basement floor is at or above the regulatory flood protection

**moved by** Field

**seconded by** \_\_\_\_\_

**in favor** Consent

**against** \_\_\_\_\_

2



3267196

flood velocities greater than four (4) feet per second upon occurrence of the regional flood.

Not applicable.

(3) Manufacturing and industrial uses. Measures shall be taken to minimize interference with normal plant operations. Certain accessory land uses such as yards and parking lots may be at lower elevation subject to requirements set out in subdivision (2) above. In considering permit applications, due consideration shall be given to needs of an industry whose business requires that it be located in flood plain areas.

This condition is met. This is an accessory use sited above the regulated flood protection level.

(4) Standards pertaining to fill. Fill shall be properly compacted and the slopes shall be properly protected by the use of riprap, vegetative cover or other acceptable method. The Federal Emergency Management Agency (FEMA) has established criteria for removing the special flood hazard area designation for certain structures properly elevated on fill above the 100-year flood elevation. FEMA's requirements incorporate specific fill compaction and side slope protection standards for multi structure or multi lot developments. These standards should be investigated prior to the initiation of site preparation if a change of special flood hazard area designation will be requested.

Not applicable.

(5) Developments not to affect hydraulic capacities. Floodplain developments shall not adversely affect the hydraulic capacity of the channel and adjoining floodplain of any tributary watercourse or drainage system where a floodway or other encroachment limit has not been specified on the official zoning map.

Not applicable. This elevated area has already been factored into the hydraulic capacity of the river.

(6) Manufactured homes. Manufactured homes must meet all the density, setback and other requirements for residential use of the zoning code and all requirements of the housing and building code. Travel trailers shall not be used for living quarters.

Not applicable.

(7) Pollution of waters. No use shall be permitted which is likely to cause pollution of waters, as defined in Minnesota Statutes, Section 115.01, unless adequate safeguards, approved by the state pollution control agency, are provided.

This condition is met. Tanks will be constructed and regulated by state building code requirements and approved by the Pollution Control Agency.

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2. The proposed site is adjacent to the primary NSP delivery system for gas and is an ideal point for interconnection between the propane and natural gas systems.

3. The proposed site is located atop an old road bed that offers the best soil stability and will result in the least amount of earth moved.

4. Civil, structural and landscape design will result in minimal site disturbance and should enhance the long term stability and natural attractiveness of the area.

For the above reasons, modification of the 12 percent slope condition appears reasonable.

(5) No residential development shall be permitted on slopes greater than eighteen (18) percent.

Not applicable.

(6) Bluff development shall take place at least forty (40) feet landward of all bluff lines.

Not applicable.

(7) Transportation, utility and other transmission service facilities and corridors shall avoid:

- a. Steep slopes;
- b. Intrusions into or over streams, valleys and open exposures of water;
- c. Intrusions into ridge crests and high points;
- d. Creating tunnel vistas;
- e. Wetlands;
- f. Forests by running along fringe rather than through them. If necessary, to route through forests, utilize open areas in order to minimize cutting;
- g. Soils susceptible to erosion, which would create sedimentation and pollution problems;
- h. Areas of unstable soils which would be subject to extensive slippages;
- i. Areas with high water tables; and
- j. Open space recreation areas.

Not applicable.

(8) At river crossing points, public facilities, crossing

4

3267196

Not applicable.

(6) Solid waste disposal and landfill shall not be permitted in the River Corridor District.

Not applicable.

(7) Development shall fit existing topography and vegetation with a minimum of clearing and grading.

This condition is met. The proposed site plan for the tanks provides for minimal clearing and attempts to integrate the earth covered tanks into the natural surroundings. The site plan specifies that in addition to natural grasses and ground cover, 48 trees and 260 shrubs will be planted to restore the site to its natural appearance.

(8) No rehabilitation slopes shall be steeper than eighteen (18) percent slope.

This condition is not met. The tanks will be covered with earth and sections of the mounded tanks will have rehabilitated slopes with 33 and 50 percent grades. The applicant is asking for a modification of this condition because the proposed grading is an attempt to visually hide the tanks, will not appreciable alter the existing slopes ( 33 percent grade) and the extensive landscaping on the rehabilitated slopes should mitigate any potential erosion problems.

Based on these reasons, modification of the eighteen percent condition appears reasonable.

(9) Dredging of a shore land or wetland shall be allowed only when it will not have adverse effect upon the wetland. Dredging when allowed shall be limited as follows:

- a. It shall be located in the areas of minimum vegetation.
- b. It shall not significantly change the water flow characteristics.
- c. The size of the dredged area shall be limited to the absolute minimum.
- d. Deposit of dredged material shall not result in a change in the current flow, or in destruction of vegetation or fish spawning areas, or in water pollution.

Not applicable.

5. Standards and criteria for the protection of wildlife and vegetation. Development shall be conducted so as to avoid intrusion into animal and plant habitats.

(1) No alteration of the natural environment or removal of

3267196

**(b) Contamination:**

(1) Development shall not be permitted on wet soils, very shallow soils, soils with high shrink-swell or frost action potential unless it is shown that appropriate construction techniques capable of overcoming the restrictive condition will be utilized.

Not applicable

(2) Septic tanks and soil absorption systems shall not be permitted where public sewer systems are available. In areas where public sewers are not available, system shall be set back from the normal high water mark in accordance with the class of public waters as prescribed in Minnesota Regulations NR-82:

a. On natural environment waters, at least one hundred fifty (150) feet.

b. On general development waters, at least fifty (50) feet.

Not applicable.

(3) Private wells shall be placed in areas not subject to flooding and up slope from any source of contamination. Wells already existing in areas subject to flooding shall be flood proofed in accordance with accepted engineering standards as defined in the Uniform State Building Code.

Not applicable.

(4) Commercial or industrial land uses requiring the storage or production of materials or wastes that may create a pollution hazard for groundwater or surface water shall be prohibited unless the quality of both the groundwater and surface waters can conform to all applicable state and federal standards, criteria, rules and regulations.

Not applicable.

**(c) Runoff:**

(1) The phases of development shall be planned so that only areas which are actively being developed are exposed. Other areas shall have cover of vegetation or mulch.

This condition is met. Site plan specifications provide for stabilization of the site both during and after construction.

(2) Natural vegetation in shore land and bluff areas shall be preserved to retard surface runoff and soil erosion and

3267196

*and strict conformity with the standards would be unreasonable and not feasible under the circumstances."*

This condition is met for both requested modifications. Relocation of the propane tanks to the proposed site is part of Ford Motor Company's plan to protect its production operations from unexpected interruptions of natural gas service. This action is a prudent measure to insure the continued operation of the plant and maintain Ford's competitiveness in national and international markets. In examining alternative sites for the propane tanks, the propose site is the best remote location that shields the tanks from operational activity within and around the assembly plant. While the tank site partially intrudes into the 12 percent slope, inattention to safety concerns would be unreasonable. Likewise, the creation of rehabilitated slopes greater than 18 percent represent reasonable attempts to integrate these tanks into this particular site and create a natural appearance by covering them with earth and natural vegetation.

- b) *"Such modification will not result in a hazard to life or property and will not adversely affect the safety, use, or stability of a public way, slope, or drainage channel, or the natural environment."*

This finding is met for both modifications. The proposed tank facility has been sited to pose the least hazard to life and property. This facility will have no effect on any public way or drainage channel. The site plan specifically addresses the slope issues by a sensitive site restoration and mitigation plan that protects the area and enhances the natural environment.

- c) *Modifications "shall be consistent with the general purposes of the standards contained in (the river corridor section of the zoning code) and ... state and national laws and programs"*.

This finding is met for both modifications. The general intent for the RC-2 river district as a whole is to "conserve and protect existing and potential recreational, scenic, natural, and historic resources". The intent of the 12 percent slope condition is to reduce the effects of poorly planned shoreline and bluff line development and prevent soil erosion. Likewise, the intent of the 18 percent rehabilitation slope condition is primarily to prevent soil erosion. These modifications are reasonable and prudent in light of the proposed site plan for this facility which will result in an enhanced natural environment and protection from erosion problems.

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DOC# 3340585

Certified Recorded On  
AUG. 25, 2000 AT 03:04PM

Signed: LP  
OFFICE CO. RECORDER  
RAMSEY COUNTY MN

Fee Amount: \$19.50



B2  
#16

**CITY OF SAINT PAUL, MINNESOTA  
SCUP WITH MODIFICATION OF RIVER CORRIDOR**

ZONING FILE NO: 00-132-693

APPLICANT: 2 Ford Motor Company

PURPOSE: Modification of River Corridor Standards to permit bluff excavation to reduce hazards from rock falls.

LOCATION: 966 S. Mississippi River Blvd., between Ford Parkway and Magoffin.

LEGAL DESCRIPTION: ✓ AUDITOR'S SUBDIVISION NO. 87 ST. PAUL, MINN. ALL OF LOT 1 BLK 1 & THAT PART OF LOT 3 BLK 1 LYING NLY OF A 7 COURSE LINE DESC IN DOC NO# 2087758 ALL IN FORD MOTOR CO FIRST ADD & IN SD AUD SUB NO 87 THE FOL EX N 500 FT OF W 328 FT OF THE E 999.4 FT MEAS FROM EL OF SEC 17 TN 28 R 23 & EX N 1530.54 MOL OF E 671.4 FT MEAS FROM SD EL: PART NLY OF FORD MOTOR CO FIRST ADD OF LOTS 1 & LOT 2

ZONING COMMITTEE ACTION: Approval with conditions

PLANNING COMMISSION ACTION: Approval with conditions

CONDITIONS OF THIS PERMIT:

1. Securing site plan approval from the Department of License, Inspections and Environmental Protection.
2. The primary method for conducting bluff stabilization work shall be from the river level not the street level. Only as a last resort shall any of the work be conducted from the street level.

APPROVED BY: Gladys Morton, Commission Chairperson

I, the undersigned Secretary to the Zoning Committee of the Planning Commission for City of Saint Paul, Minnesota, do hereby certify that I have compared the foregoing copy with the original record in my office; and find the same to be a true and correct copy of said original and of the whole thereof, as based on minutes of the Saint Paul Planning Commission meeting held on July 28, 2000, and on record in the Saint Paul Planning Office, 25 West Fourth Street, Saint Paul, Minnesota.

**This permit will expire one year from the date of approval if the use herein permitted is not established.**

The decision to grant this permit by the Planning Commission is an administrative action subject to appeal to the City Council. Anyone affected by this action may appeal this decision by filing the appropriate application and fee at the Zoning Office, 1400 City Hall Annex, 25 West Fourth Street. Any such appeal must be filed within 15 calendar days of the mailing date noted below.

Violation of the conditions of this permit may result in its revocation.

Carol A. Martineau  
Carol A. Martineau  
Secretary to the Saint Paul  
Zoning Committee

Copies to:	Applicant	Ford Motor Co.
	File No.	00-132-693
	Zoning Administrator	Wendy Lane
	License Inspector	Christine Rozek
	District Council	15



Mailed: 8/4/00

*LP*

RETURN TO PED/Zoning 1100 CHA

**Appendix E**

Property and Environmental Liens  
Search Data



## **The EDR Environmental Lien Search Report**

**FORD MOTOR COMPANY TWIN CITIES  
ASSEMBLY PLANT  
966 SOUTH MISSISSIPPI RIVER  
BOULEVARD  
ST. PAUL, MINNESOTA**

**Thursday, March 15, 2007**

**Project Number: L07-01539**

## **The Standard In Environmental Risk Management Information**

440 Wheelers Farm Road  
Milford, Connecticut 06460

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802



# ENVIRONMENTAL LIEN REPORT

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

**Thank you for your business**

Please contact EDR at 1-800-352-0050  
with any questions or comments

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# ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

## **TARGET PROPERTY INFORMATION**

### **ADDRESS**

**Ford Motor Company Twin Cities Assembly Plant  
966 South Mississippi River Boulevard  
St. Paul, Minnesota**

### **RESEARCH SOURCE**

Source: Ramsey County Assessor  
Ramsey County Recorder

### **DEED INFORMATION**

Type of Instrument: Deed

Title is vested in: Ford Motor Company

Title received from: George G. Benz and Josephine Benz

Deed Recorded: 01/31/1923  
Instrument: 57958

### **LEGAL DESCRIPTION**

Lot 3, Block 1, lying northerly of a 7 course line in Ford Motor Company First Addition and all of Lots 1 and a portion of 2, Block 1, in the subdivision of Auditor's Subdivision Number 87, situated and lying in the City of St. Paul, Ramsey County, State of Minnesota

Assessor's Parcel Number(s): 172823130002

### **ENVIRONMENTAL LIEN**

Environmental Lien: Found  Not Found

### **OTHER ACTIVITY AND USE LIMITATIONS (AULs)**

Other AULs: Found  Not Found

# ENVIRONMENTAL LIEN REPORT

## TARGET PROPERTY INFORMATION

### ADDRESS

Ford Motor Company Twin Cities Assembly Plant  
966 South Mississippi River Boulevard  
St. Paul, Minnesota

### RESEARCH SOURCE

Source: Ramsey County Assessor  
Ramsey County Recorder

### DEED INFORMATION

Type of Instrument: Deed

Title is vested in: Ford Motor Company

Title received from: George G. Benz and Josephine Benz

Deed Recorded: 01/31/1923  
Instrument: 57958

### LEGAL DESCRIPTION

15.81 acres of Lot 4, Block 1, in the subdivision of Auditor's Subdivision Number 87, situated and lying in the City of St. Paul, Ramsey County, State of Minnesota

Assessor's Parcel Number(s): 172823240002

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found  Not Found

0057958

THIS INDENTURE, made this 20th day of January, in the year of our Lord one thousand nine hundred and twenty-three (1923), between GEORGE O. BENZ and JOSEPHINE BENZ, his wife, parties of the first part, and FORD MOTOR COMPANY, a corporation, party of the second part,

WITNESSETH, that the said parties of the first part, for and in consideration of the sum of One Dollar and other valuable consideration to them in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, do by these presents Grant, Bargain, Sell, Demise, Release and Convey to the said party of the second part and to its successors and assigns, forever, all the following described lots, pieces or parcels of land, situate in the County of Ramsey and State of Minnesota, and known and described as follows, to-wit:

Lot Twenty-five (25) in Block Three (3) of Lane's Mount Curve, an Addition to the City of St. Paul, Minnesota.

All that part of Lot Two (2) in Section Seventeen (17), of Township Twenty-eight (28), Range Twenty-three (23), described as follows, namely: Commencing at the southeast corner of said Lot Two (2); thence northerly along the east line of said Lot Two (2) Three Hundred Sixteen and 21/100ths (316.21) feet to a point; thence west in a straight line parallel with the south line of said Lot Two (2) to the Mississippi River; thence in a southerly direction along said river to the south line of said Lot Two (2); thence east along said last mentioned line to the place of beginning, excepting however from said tract that part taken for the Mississippi River Boulevard; and all that part of Lot Two (2) in Section Seventeen (17), of Township Twenty-eight (28), Range Twenty-three (23), described as follows, namely: Commencing at a point on the east line of said Lot Two (2) Three Hundred Sixteen and 21/100ths (316.21) feet north of the southeast corner of said Lot Two (2); thence west in a straight line parallel with the south line of said Lot Two (2) to the Mississippi River; thence in a northerly direction along said river to a line dividing the north and south halves of the Southeast Quarter of the Northeast Quarter (SE<sup>1</sup>/<sub>4</sub> of NE<sup>1</sup>/<sub>4</sub>) of said Section Seventeen (17) prolonged and extended in a straight line in a west direction through said Lot Two (2) to the Mississippi River; thence east along said last mentioned line to

RECORDED

2

0057958

the east line of said Lot Two (2); thence south along said east line of said Lot Two (2) Three Hundred Sixteen and 21/100ths (318.21) feet, more or less, to place of beginning, excepting however those parts of said tract taken for the Mississippi River Boulevard and for the street dedicated by deed recorded in Book 331 of Deeds, on page 385, in the office of the Register of Deeds of Ramsey County.

TO HAVE AND TO HOLD THE SAME, together with all the hereditaments and appurtenances thereunto belonging or in anywise appertaining, to the said party of the second part, its successors and assigns, FOREVER. And the said George O. Bens, one of the parties of the first part, for himself, his heirs, executors and administrators, does covenant with the said party of the second part, its successors and assigns, that he has not made, done, executed or suffered any act or thing whatsoever, whereby the above described premises, or any part thereof, now or at any time hereafter shall or may be imperiled, charged or incumbered in any manner whatsoever; and the title to the above granted premises against all persons lawfully claiming the same from, through or under them, the said parties of the first part will FOREVER WARRANT AND DEFEND.

IN TESTIMONY WHEREOF, the said parties of the first part have hereunto set their hands and seals the day and year first above written.

Signed, Sealed and Delivered  
in Presence of:

William H. Stevens  
Thomas H. Stevens

George O. Bens (SEAL)  
Josephine Bens (SEAL)



0057958

STATE OF MINNESOTA, }  
County of Ramsey. } ss

On this 20th day of January, 1923, before me, a  
Notary Public within and for said county, personally appeared  
GEORGE C. BENZ and JOSEPHINE BENZ, his wife, to me known to be  
the persons described in and who executed the foregoing instru-  
ment, and acknowledged that they executed the same as their  
free act and deed.

Edmund H. [Signature]  
Edmund H. Benz  
Notary Public, Ramsey  
My Commission expires [Date]

DOCUMENT NUMBER 67938

0057958

SPECIAL WARRANT DEED

George G. Benn and Josephine  
Benn, his wife,

to

Ford Motor Company.

17-28-23-140  
Kans 4068

REPLICATE NUMBER 39327  
 PAGE 165  
 OF 18 PAGES  
 THIS IS A COPY OF THE ORIGINAL RECORD AS KEPT IN THE OFFICE OF THE CLERK OF DISTRICT COURT IN THE COUNTY OF OSAGE, STATE OF KANSAS.  
 It is hereby certified that this is a true and correct copy of the original record as kept in the office of the Clerk of District Court in the County of OSAGE, STATE OF KANSAS.  
 Given under my hand and seal of office this 14th day of January, 1924.  
 J. H. [Signature]  
 Clerk of District Court

This (M) has been filed for  
 record in the office of the  
 Clerk of District Court  
 in the County of OSAGE,  
 State of KANSAS,  
 this 14th day of January,  
 1924.  
 J. H. [Signature]

**ARCADIS**

**Appendix F**

Historical Sanborn Maps





"Linking Technology with Tradition"®

## Sanborn® Map Report

**Ship To:** Ameer Freeman  
ARCADIS BBL  
10559 Citation Drive  
Brighton, MI 48116

**Order Date:** 3/9/2007    **Completion Date:** 3/9/2007  
**Inquiry #:** 1874060.3  
**P.O. #:** NA  
**Site Name:** Ford Motor Company Twin Cities

**Address:** 966 South Mississippi River Blvd.

**City/State:** St. Paul, MN 55116

**Cross Streets:**

**Customer Project:** NA  
1152387MEN    810-229-8594

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

**NO COVERAGE**

---

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

**ARCADIS**

**Appendix G**

Aerial Photographs

# **The EDR Aerial Photo Decade Package**

**Ford Motor Company Twin Cities  
966 South Mississippi River Blvd.  
St. Paul, MN 55116**

**Inquiry Number: 1874060.5**

**March 09, 2007**



**EDR® Environmental  
Data Resources Inc**

## **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](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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

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***Thank you for your business.***  
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**Date EDR Searched Historical Sources:**

Aerial Photography March 09, 2007

**Target Property:**

966 South Mississippi River Blvd.

St. Paul, MN 55116

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=800'	Flight Year: 1937	ASCS
1940	Aerial Photograph. Scale: 1"=800'	Flight Year: 1940	ASCS
1957	Aerial Photograph. Scale: 1"=800'	Flight Year: 1957	ASCS
1974	Aerial Photograph. Scale: 1"=525'	Flight Year: 1974	MC
1987	Aerial Photograph. Scale: 1"=525'	Flight Year: 1987	MC
1997	Aerial Photograph. Scale: 1"=525'	Flight Year: 1997	MC

MINNEAPOLIS CO.

PPI RIVER

Ramsey Co

FORD BRIDGE

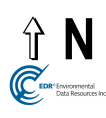
FORD PLANT

L/D No. 1

INQUIRY #: 1874060.5

YEAR: 1937

| = 800'





**INQUIRY #:** 1874060.5

**YEAR:** 1940

— = 800'



# 1940 Aerial



- Municipalities
- Water
- Structures

DISCLAIMER: This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only.

SOURCES: Ramsey County (March 5, 2007), The Lawrence Group; March 5, 2007 for County parcel and property records data; March 2007 for commercial and residential data; April 2006 for color aerial imagery; All



# 1953 Aerial



- Municipalities
- Water
- Structures

DISCLAIMER: This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only.

SOURCES: Ramsey County (March 5, 2007), The Lawrence Group; March 5, 2007 for County parcel and property records data; March 2007 for commercial and residential data; April 2006 for color aerial imagery; All



**INQUIRY #:** 1874060.5

**YEAR:** 1957

| = 800'





**INQUIRY #:** 1874060.5

**YEAR:** 1974

| = 525'



# 1974 Aerial



- Municipalities
- Water
- Structures

DISCLAIMER: This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only.

SOURCES: Ramsey County (March 5, 2007), The Lawrence Group; March 5, 2007 for County parcel and property records data; March 2007 for commercial and residential data; April 2006 for color aerial imagery; All

# 1985 Aerial



DISCLAIMER: This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only.

SOURCES: Ramsey County (March 5, 2007), The Lawrence Group; March 5, 2007 for County parcel and property records data; March 2007 for commercial and residential data; April 2006 for color aerial imagery; All

1991 TerraServer Aerial Photograph N ↑





**INQUIRY #:** 1874060.5

**YEAR:** 1987

| = 525'





**INQUIRY #:** 1874060.5

**YEAR:** 1997

| = 525'





# 2006 Aerial



- Municipalities
- Water
- Structures

DISCLAIMER: This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only.

SOURCES: Ramsey County (March 5, 2007), The Lawrence Group; March 5, 2007 for County parcel and property records data; March 2007 for commercial and residential data; April 2006 for color aerial imagery; All

Google Earth, Recent Unknown Date N ↑



**Appendix H**

Historical Topographic Maps

# **EDR Historical Topographic Map Report**

**Ford Motor Company Twin Cities  
Assembly Plant  
966 South Mississippi River Blvd.  
St. Paul, MN 55116**

**Inquiry Number: 1874060.4**

**March 09, 2007**



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Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

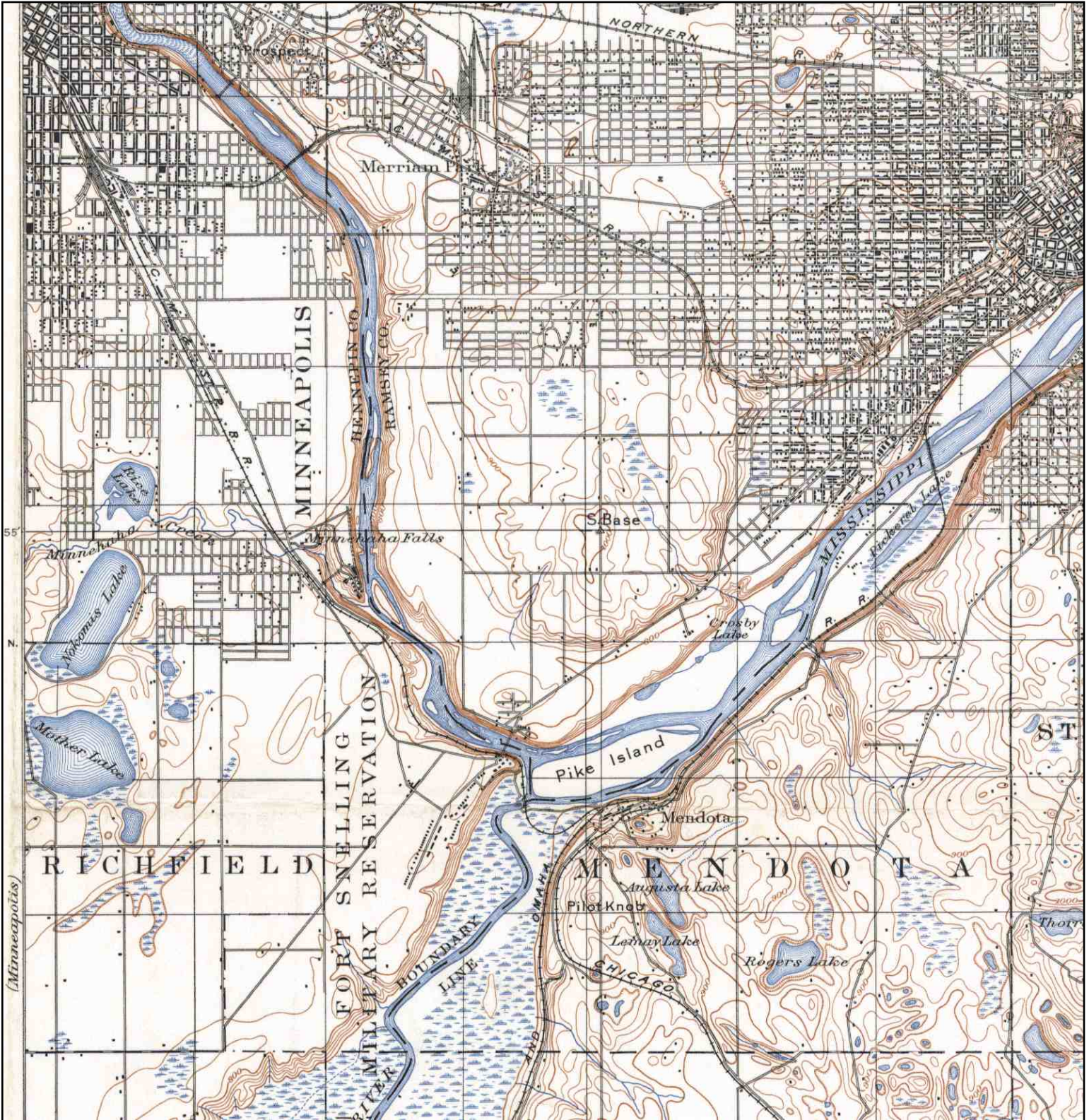
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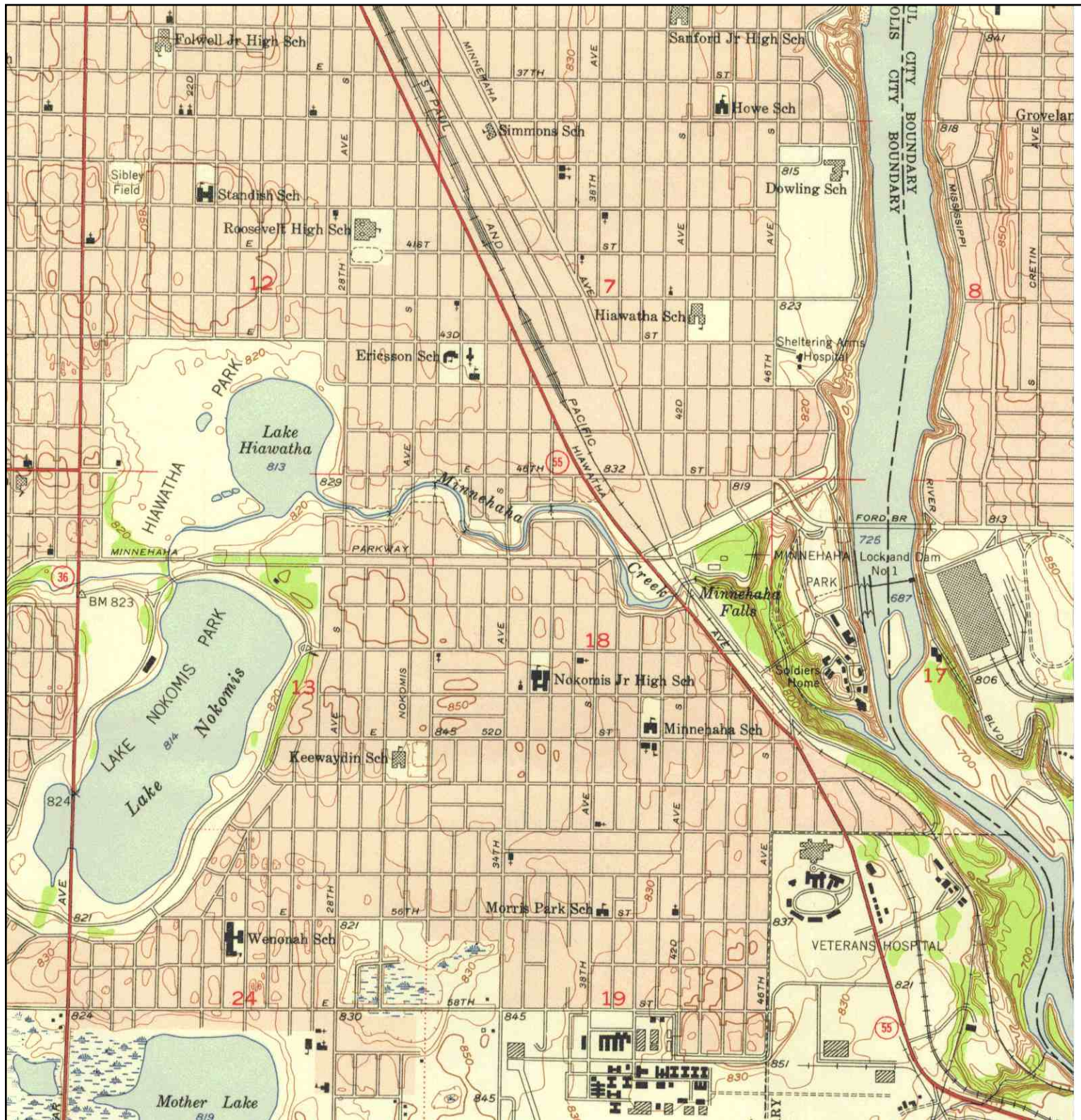
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# Historical Topographic Map



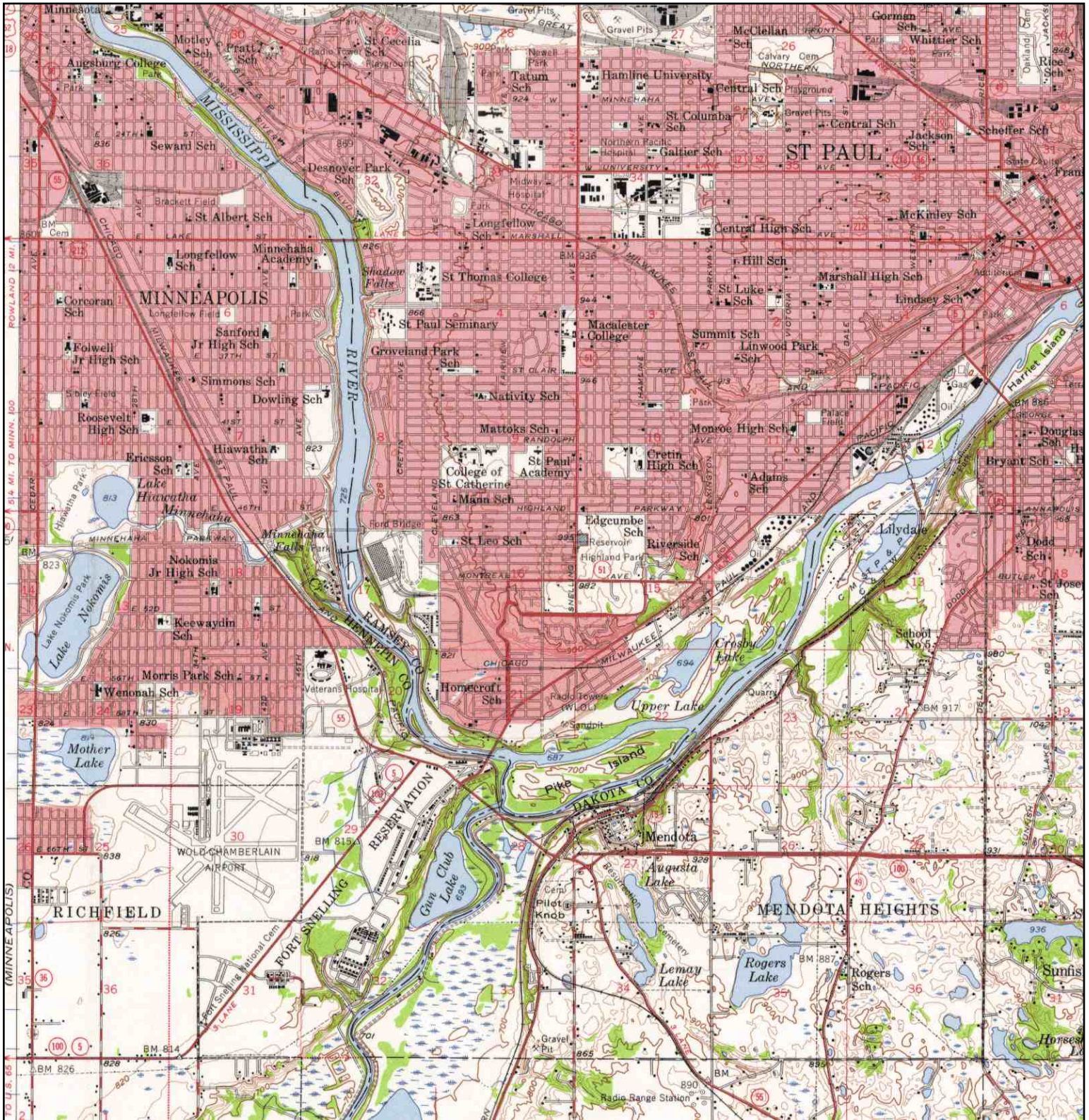
<p>N</p>	TARGET QUAD	SITE NAME:	Ford Motor Company Twin Cities Assembly Plant	CLIENT:	ARCADIS BBL
	NAME: ST PAUL	ADDRESS:	966 South Mississippi River Blvd.	CONTACT:	Amee Freeman
	MAP YEAR: 1896	LAT/LONG:	44.9141 / 93.1922	INQUIRY#:	1874060.4
	SERIES: 15			RESEARCH DATE:	03/09/2007
	SCALE: 1:62500				

# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Ford Motor Company Twin Cities Assembly Plant	CLIENT:	ARCADIS BBL
	NAME: MINNEAPOLIS VICINITY WEST	ADDRESS:	966 South Mississippi River Blvd.	CONTACT:	Amee Freeman
	MAP YEAR: 1952	LAT/LONG:	44.9141 / 93.1922	INQUIRY#:	1874060.4
	SERIES: 7.5			RESEARCH DATE:	03/09/2007
	SCALE: 1:24000				

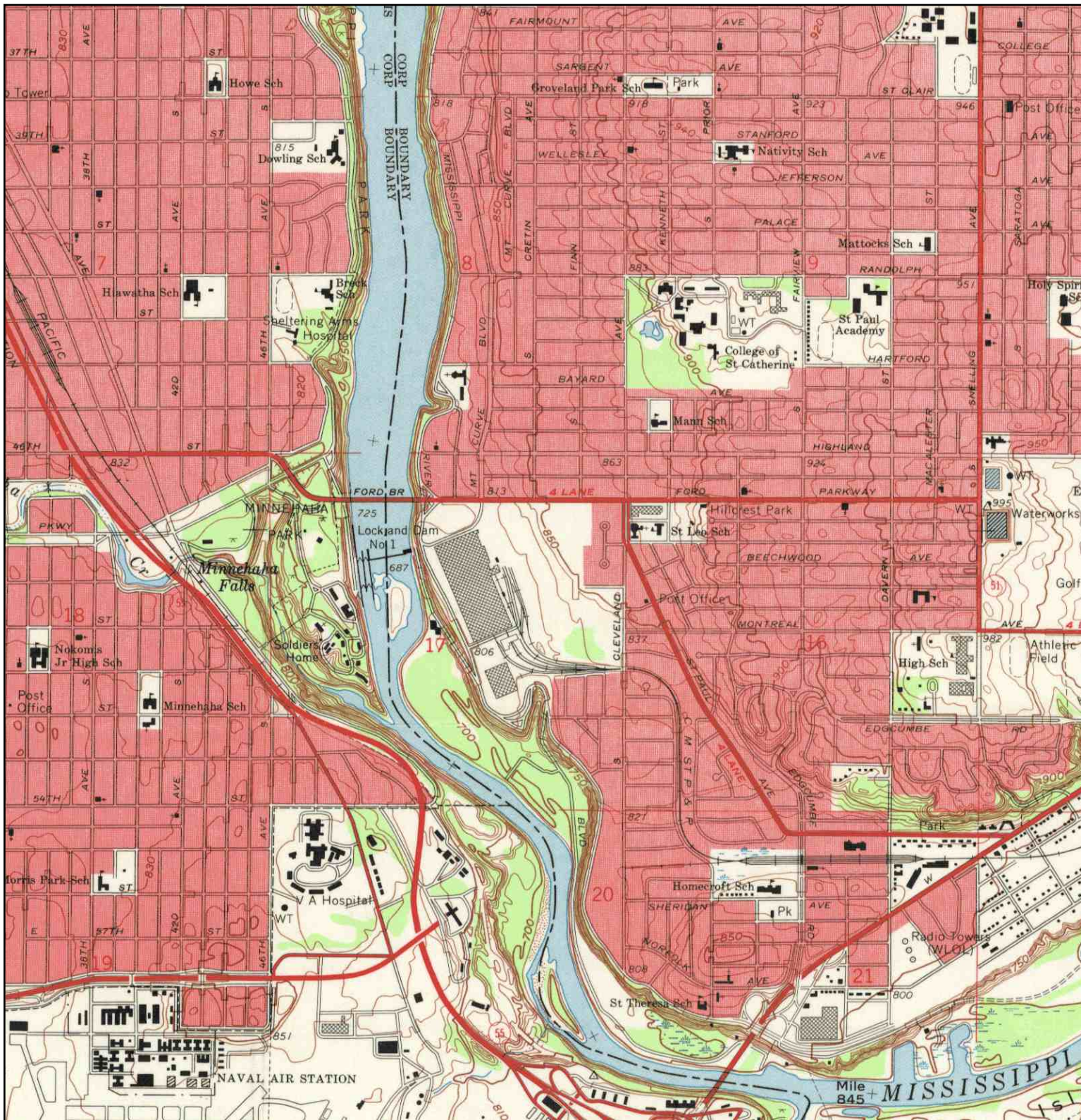
# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Ford Motor Company Twin Cities Assembly Plant	CLIENT:	ARCADIS BBL	
	NAME:	ST PAUL	ADDRESS:	966 South Mississippi River Blvd.	CONTACT:	Amee Freeman
	MAP YEAR:	1958		St. Paul, MN 55116	INQUIRY#:	1874060.4
	SERIES:	15	LAT/LONG:	44.9141 / 93.1922	RESEARCH DATE:	03/09/2007
	SCALE:	1:62500				

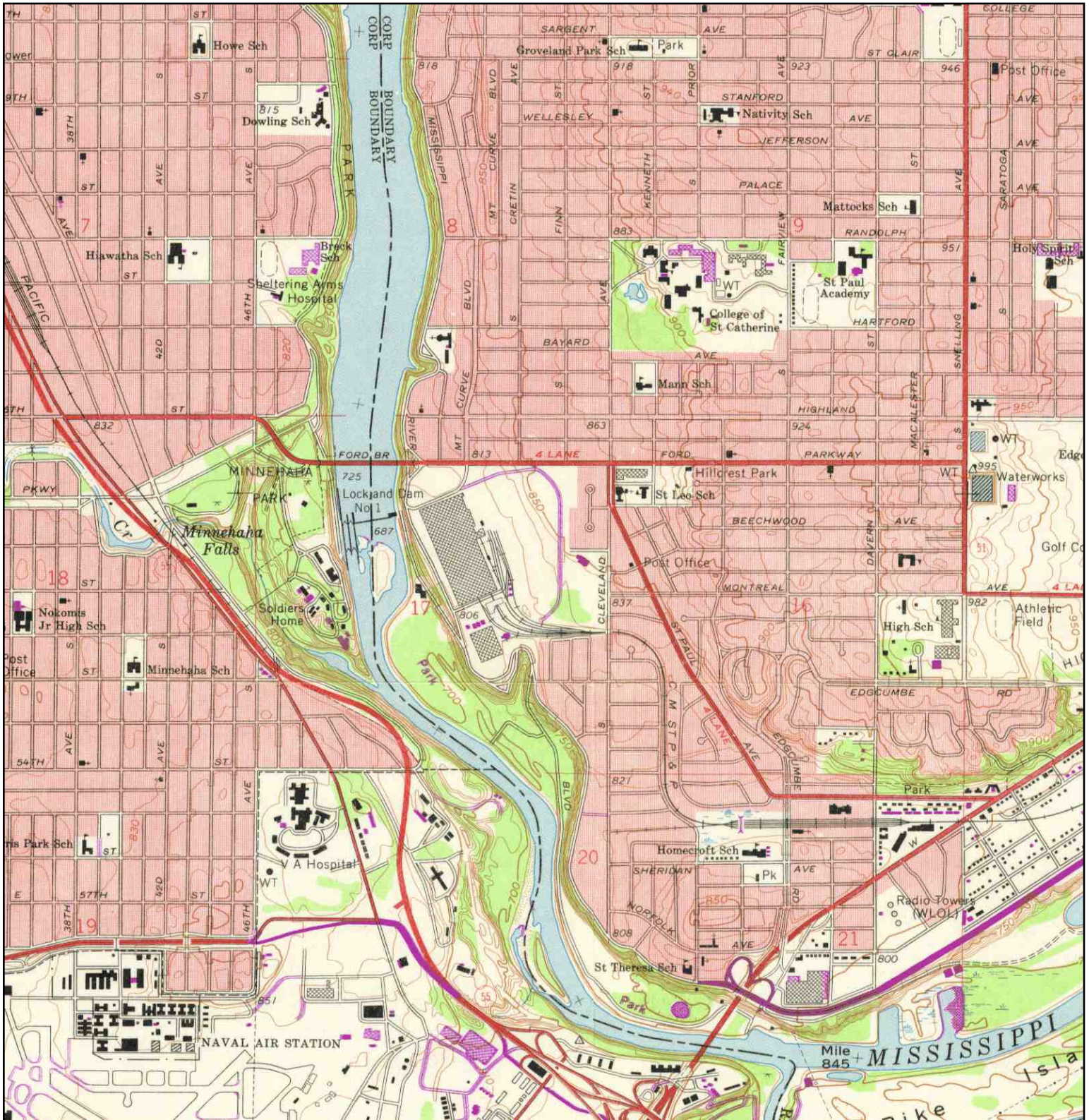


# Historical Topographic Map



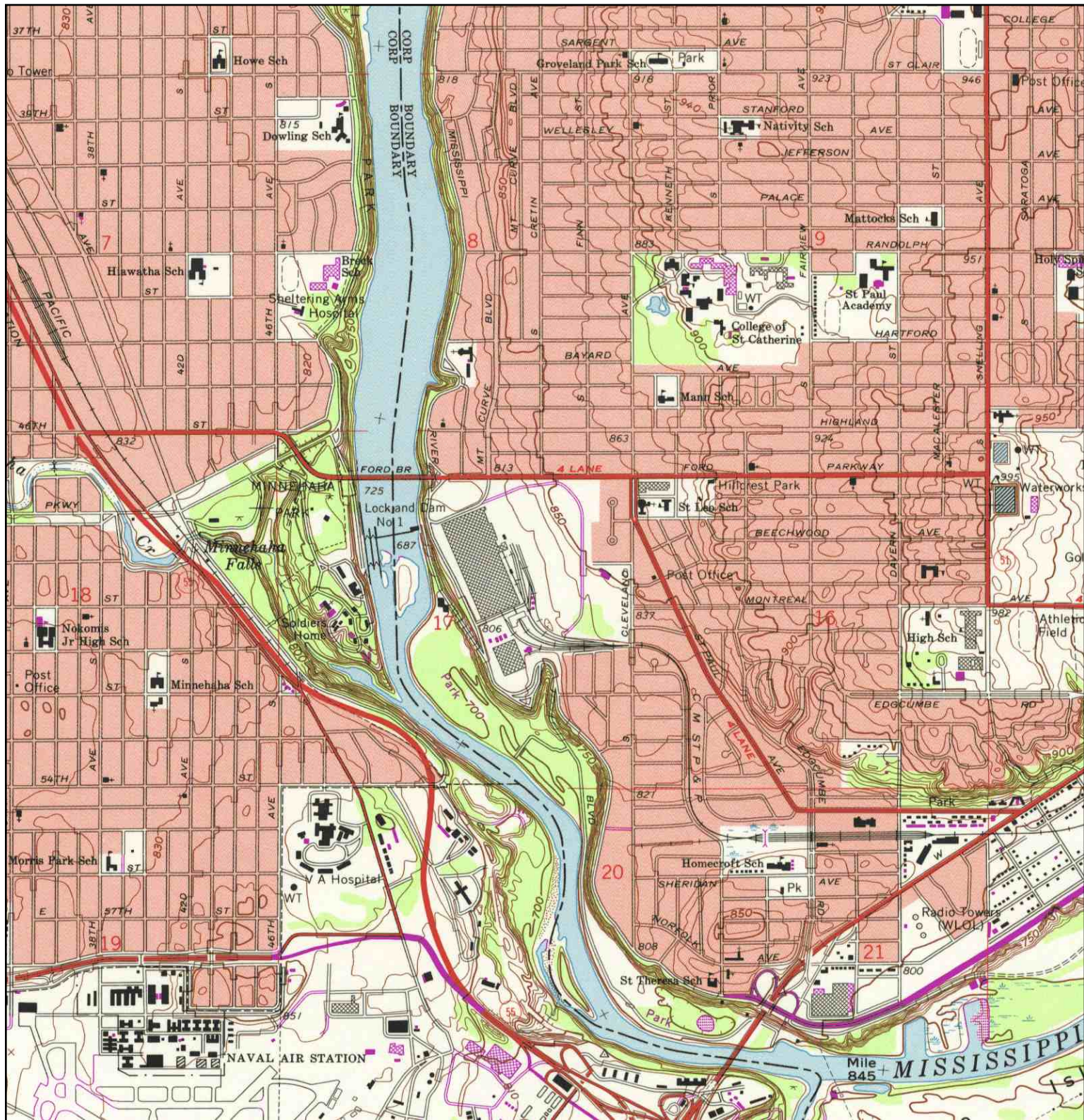
 <p>N</p>	TARGET QUAD	SITE NAME:	CLIENT:
	NAME: ST PAUL WEST	Ford Motor Company Twin Cities Assembly Plant	ARCADIS BBL
	MAP YEAR: 1967	ADDRESS: 966 South Mississippi River Blvd. St. Paul, MN 55116	CONTACT: Ameer Freeman
	SERIES: 7.5	LAT/LONG: 44.9141 / 93.1922	INQUIRY#: 1874060.4
	SCALE: 1:24000		RESEARCH DATE: 03/09/2007

# Historical Topographic Map



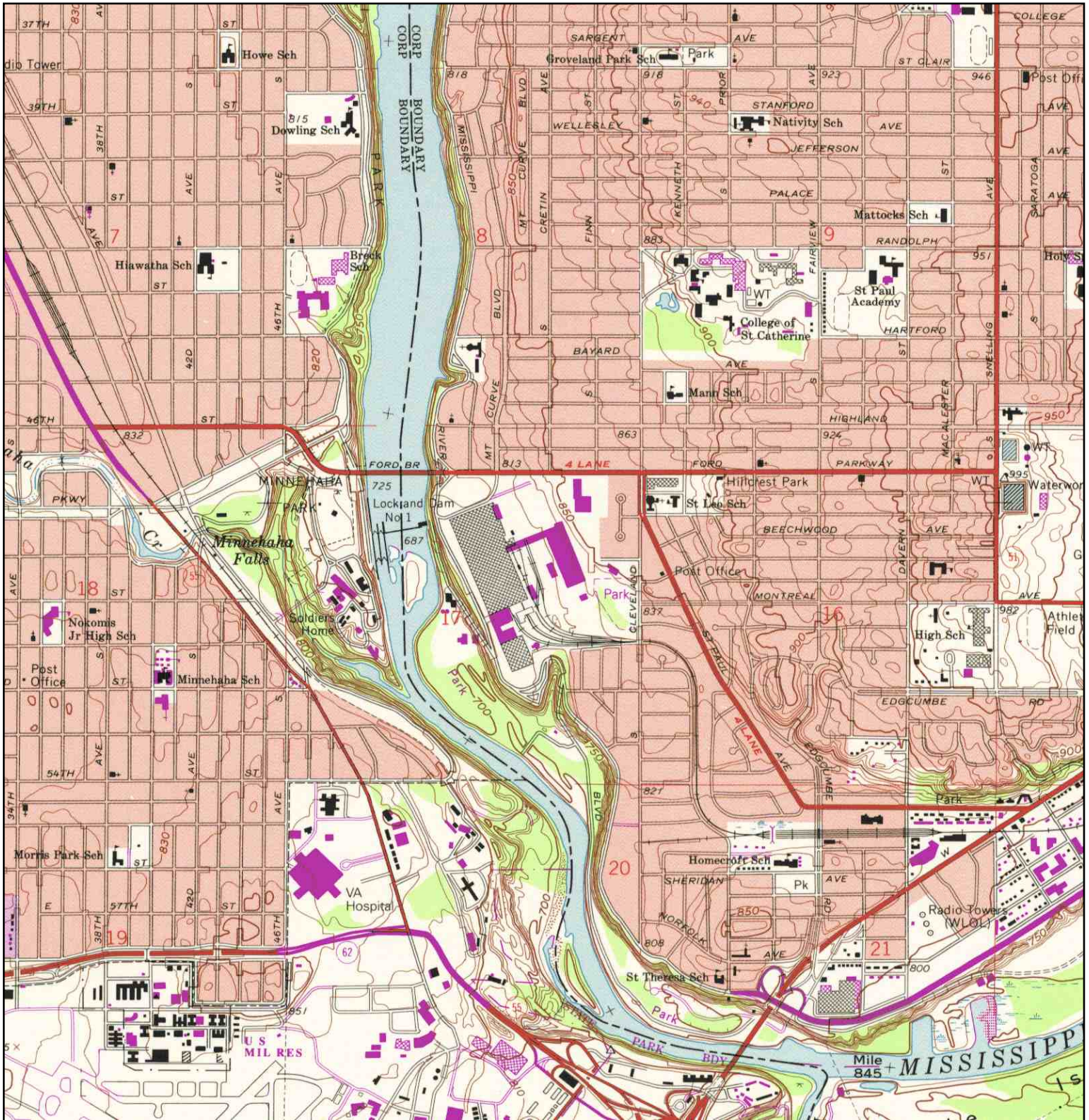
<p>N ↑</p>	TARGET QUAD	SITE NAME:	Ford Motor Company Twin Cities Assembly Plant	CLIENT:	ARCADIS BBL
	NAME: ST PAUL WEST	ADDRESS:	966 South Mississippi River Blvd.	CONTACT:	Amee Freeman
	MAP YEAR: 1972	LAT/LONG:	44.9141 / 93.1922	INQUIRY#:	1874060.4
	PHOTOREVISED FROM: 1967			RESEARCH DATE:	03/09/2007
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Ford Motor Company Twin Cities Assembly Plant	CLIENT:	ARCADIS BBL
	NAME: ST PAUL WEST	ADDRESS:	966 South Mississippi River Blvd.	CONTACT:	Amee Freeman
	MAP YEAR: 1977	LAT/LONG:	44.9141 / 93.1922	INQUIRY#:	1874060.4
	PHOTOINSPECTED FROM: 1967			RESEARCH DATE:	03/09/2007
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



<p>N</p>	TARGET QUAD	SITE NAME:	CLIENT:
	NAME: ST PAUL WEST	Ford Motor Company Twin Cities Assembly Plant	ARCADIS BBL
	MAP YEAR: 1993	ADDRESS: 966 South Mississippi River Blvd.	CONTACT: Anee Freeman
	REVISED FROM: 1967	St. Paul, MN 55116	INQUIRY#: 1874060.4
	SERIES: 7.5	LAT/LONG: 44.9141 / 93.1922	RESEARCH DATE: 03/09/2007
	SCALE: 1:24000		

**ARCADIS**

**Appendix I**

City Directories



**EDR**® Environmental  
Data Resources Inc

**The EDR-City Directory**  
*Abstract*

**Ford Motor Company Twin Cities Assembly  
Plant**  
966 South Mississippi River Blvd.  
St. Paul, MN 55116  
Inquiry Number: 1874060.6

**Friday, March 09, 2007**

**The Standard in  
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Management Information**

440 Wheelers Farms Road  
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# 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  
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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 1999 through 1999. (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:** March 9, 2007

**Target Property:**

966 South Mississippi River Blvd.  
St. Paul, MN 55116

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Ford Plant	Cole Criss-Cross Directory

**Adjoining Properties**

**SURROUNDING**

Multiple Addresses  
St. Paul, MN 55116

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	<u>**S MISSISSIPPI RIVER BLVD**</u>	Cole Criss-Cross Directory

**ARCADIS**

**Appendix J**

EDR Report



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Ford Motor Company Twin Cities Assembly Plant  
966 South Mississippi River Blvd.  
St. Paul, MN 55116**

**Inquiry Number: 1874060.2s**

**March 09, 2007**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

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Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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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

966 SOUTH MISSISSIPPI RIVER BLVD.  
ST. PAUL, MN 55116

#### COORDINATES

Latitude (North): 44.914100 - 44° 54' 50.8"  
Longitude (West): 93.192200 - 93° 11' 31.9"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 484828.6  
UTM Y (Meters): 4973209.0  
Elevation: 821 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 44093-H2 SAINT PAUL WEST, MN  
Most Recent Revision: 1993

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following 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>
FORD - TWIN CITIES ASSEMBLY PLANT 966 S MISSISSIPPI RIVER BLVD ST. PAUL, MN 55116	TIER 2	N/A
FORD MOTOR COMPANY FUEL SOIL 966 S MISSISSIPPI BOULEVARD ST. PAUL, MN 0	MN Spills Spill Closure: Closed, Other (See Remarks)	N/A
FORD MOTOR CO 966 S MISSISSIPPI RIVER RD ST PAUL, MN 55116	FTTS	N/A
TWIN CITIES FORD MOTOR ASSEMBLY P 966 S MISSISSIPPI RIVER BLVD ST. PAUL, MN 55116	UST	N/A
CONVOY CO 966 S MISSISSIPPI RIVER BLVD ST. PAUL, MN 55116	UST	N/A

## EXECUTIVE SUMMARY

FORD MOTOR COMPANY 966 S MISSISSIPPI RIVER BLVD ST PAUL, MN 55116	PADS FINDS RCRA-LQG TRIS CERC-NFRAP FTTS	55116FRDMT96
FORD MOTOR COMPANY 966 MISSISSIPPI RIVER BLVD S ST. PAUL, MN 55116	MN Enforcement	N/A
FORD MOTOR COMPANY 966 S MISSISSIPPI ST. PAUL, MN 55116	LUST Complete Site Closed Date: 12/16/1994 00:00:00	N/A
FORD MOTOR COMPANY TWIN CITIES AS 966 S. MISSISSIPPI RIVER BLVD. SAINT PAUL, MN 55116	ICIS	N/A
FORD MOTOR CO TWIN CITIES ASSEMBL 966 S MISSISSIPPI RIVER BLVD SAINT PAUL, MN 55116	ICIS	N/A
FORD MOTOR COMPANY 966 MISSISSIPPI BLVD ST. PAUL, MN 55116	LUST Complete Site Closed Date: 04/21/1994 00:00:00	N/A
FORD - TWIN CITIES ASSEMBLY PLANT 966 SOUTH MISSISSIPPI RIVER BOULEVARD ST. PAUL, MN	MN DEL PLP	N/A
FORD MOTOR CO 966 S MISSISSIPPI RIVER BLVD ST PAUL, MN 55116	FTTS	N/A
FORD MOTORS TWIN CITY ASSEMBLY PL 966 S MISSISSIPPI RIVER BLVD ST. PAUL, MN 55116	SHWS LUST Complete Site Closed Date: 09/09/1992 00:00:00 Complete Site Closed Date: 02/27/1998 00:00:00  MN Spills Spill Closure: Response Completed  MN LS AST LAST Complete Site Closed Date: 02/05/2004 00:00:00	N/A
966 S. MISSISSIPPI RIVER BLVD 966 S. MISSISSIPPI RIVER BLVD ST. PAUL, MN 55116	ERNS	N/A

## EXECUTIVE SUMMARY

FORD MOTOR COMPANY 966 S MISSISSIPPI BLVD ST. PAUL, MN 55116	MN Spills	N/A
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FORD MOTOR COMPANY STEAM PLANT 966 S.MISSISSIPPI RIVE ST. PAUL, MN 0	MN Spills	N/A
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### 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

<b>NPL</b> .....	National Priority List
<b>Proposed NPL</b> .....	Proposed National Priority List Sites
<b>Delisted NPL</b> .....	National Priority List Deletions
<b>NPL RECOVERY</b> .....	Federal Superfund Liens
<b>CERCLIS</b> .....	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CORRACTS</b> .....	Corrective Action Report
<b>RCRA-TSDF</b> .....	Resource Conservation and Recovery Act Information
<b>HMIRS</b> .....	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b> .....	Engineering Controls Sites List
<b>US INST CONTROL</b> .....	Sites with Institutional Controls
<b>DOD</b> .....	Department of Defense Sites
<b>FUDS</b> .....	Formerly Used Defense Sites
<b>US BROWNFIELDS</b> .....	A Listing of Brownfields Sites
<b>CONSENT</b> .....	Superfund (CERCLA) Consent Decrees
<b>ROD</b> .....	Records Of Decision
<b>UMTRA</b> .....	Uranium Mill Tailings Sites
<b>ODI</b> .....	Open Dump Inventory
<b>TSCA</b> .....	Toxic Substances Control Act
<b>SSTS</b> .....	Section 7 Tracking Systems
<b>US CDL</b> .....	Clandestine Drug Labs
<b>LUCIS</b> .....	Land Use Control Information System
<b>RADINFO</b> .....	Radiation Information Database
<b>MLTS</b> .....	Material Licensing Tracking System
<b>MINES</b> .....	Mines Master Index File
<b>RAATS</b> .....	RCRA Administrative Action Tracking System

#### STATE AND LOCAL RECORDS

<b>MN PLP</b> .....	Permanent List of Priorities
<b>SWF/LF</b> .....	Permitted Solid Waste Disposal Facilities
<b>MN LCP</b> .....	Closed Landfills Priority List
<b>LIENS</b> .....	Environmental Liens

## EXECUTIVE SUMMARY

<b>BULK</b> .....	Bulk Facilities Database
<b>MN AGSPILLS</b> .....	Department of Agriculture Spills
<b>BROWNFIELDS</b> .....	Petroleum Brownfields Program Sites
<b>CDL</b> .....	Clandestine Drug Labs
<b>MN HWS Permit</b> .....	Active TSD Facilities
<b>AIRS</b> .....	Permit Contact List

### TRIBAL RECORDS

<b>INDIAN RESERV</b> .....	Indian Reservations
<b>INDIAN LUST</b> .....	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b> .....	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### FEDERAL RECORDS

**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 33 RCRA-SQG 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>
<b><i>ST PAUL PUBLIC HOUSING CLEVELA TIRES PLUS</i></b>	<b><i>899 CLEVELAND AVE S 2185 FORD PKWY</i></b>	<b><i>1/8 - 1/4 E 1/4 - 1/2 N</i></b>	<b><i>B19 C25</i></b>	<b><i>142 159</i></b>
TIRES PLUS	2185 FORD PKWY	1/4 - 1/2 N	C26	159
<b><i>HIGHLAND FOOT CLINIC</i></b>	<b><i>2177 FORD PARKWAY</i></b>	<b><i>1/4 - 1/2 N</i></b>	<b><i>C27</i></b>	<b><i>160</i></b>
<b><i>CASEY OKANE AND MONSSEN PA</i></b>	<b><i>2221 FORD PKWY</i></b>	<b><i>1/4 - 1/2 NNW</i></b>	<b><i>C29</i></b>	<b><i>162</i></b>



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>HIGHLAND FOOT CLINIC</b>	<b>2221 FORD PKWY STE 350</b>	<b>1/4 - 1/2 NNW</b>	<b>C30</b>	<b>163</b>
<b>FAIRVIEW HIGHLAND PARK CLINIC</b>	<b>2155 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>D31</b>	<b>163</b>
<b>PROEX PHOTO #1540</b>	<b>2136 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>E32</b>	<b>164</b>
<b>CLEVELAND DENTAL CARE</b>	<b>2145 FORD PKWY SUITE 20</b>	<b>1/4 - 1/2 NNE</b>	<b>D33</b>	<b>164</b>
<b>33 MINUTE PHOTO</b>	<b>2128 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>E34</b>	<b>165</b>
<b>HIGHLAND VILLAGE APARTMENTS</b>	<b>845 S CLEVELAND</b>	<b>1/4 - 1/2 NE</b>	<b>F36</b>	<b>167</b>
<b>OPUS CORP</b>	<b>2110 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>E37</b>	<b>170</b>
<b>SNYDERS DRUG STORE 10</b>	<b>2083 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>H48</b>	<b>254</b>
<b>ACT ONE TOO LTD</b>	<b>2073 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>H53</b>	<b>258</b>
<b>WEISBERG DR HAROLD</b>	<b>2065 FORD PARKWAY</b>	<b>1/4 - 1/2 NE</b>	<b>H54</b>	<b>258</b>
<b>HIGHLAND SHOPPING CENTER</b>	<b>790 CLEVELAND AVE S</b>	<b>1/4 - 1/2 NE</b>	<b>H57</b>	<b>262</b>
<b>RITZ CAMERA 399</b>	<b>2038 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>J61</b>	<b>271</b>
<b>AMERICAN CONSULTING SRV</b>	<b>737 CLEVELAND AVE</b>	<b>1/4 - 1/2 NE</b>	<b>K63</b>	<b>273</b>
<b>COOPER DR ELIZABETH DDS PA</b>	<b>757 CLEVELAND AVE S</b>	<b>1/4 - 1/2 NE</b>	<b>K64</b>	<b>273</b>
<b>MINUTEMAN PRESS</b>	<b>752 S CLEVELAND AVE</b>	<b>1/4 - 1/2 NE</b>	<b>K65</b>	<b>274</b>
<b>RANDOLPH CLEANING CENTER</b>	<b>750 S CLEVELAND</b>	<b>1/4 - 1/2 NE</b>	<b>K68</b>	<b>275</b>
<b>RED ROBIN CLEANER</b>	<b>2015 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L71</b>	<b>280</b>
<b>ARIES SVC CTR</b>	<b>1071 S CLEVELAND AVE</b>	<b>1/4 - 1/2 SSE</b>	<b>M72</b>	<b>281</b>
<b>ASPEN MEDICAL GROUP</b>	<b>2004 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L75</b>	<b>297</b>
<b>PARKWAY AUTO CARE</b>	<b>2005 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L78</b>	<b>314</b>
<b>LANGFORD CHIROPRACTIC CLINIC</b>	<b>730 CLEVELAND AVE S</b>	<b>1/4 - 1/2 NNE</b>	<b>N79</b>	<b>327</b>
<b>ST PAUL PRINTING INC</b>	<b>1999 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L80</b>	<b>328</b>
<b>VALVOLINE RAPID OIL CHANGE</b>	<b>726 S CLEVELAND AVE</b>	<b>1/4 - 1/2 NNE</b>	<b>N82</b>	<b>335</b>
<b>Lower Elevation</b>	<b>Address</b>	<b>Dist / Dir</b>	<b>Map ID</b>	<b>Page</b>
<b>FIRESTONE 29PR</b>	<b>2269 FORD PKWY</b>	<b>1/4 - 1/2 NNW</b>	<b>G42</b>	<b>191</b>
<b>PETCO - FORD PARKWAY</b>	<b>2277 FORD PKWY</b>	<b>1/4 - 1/2 NW</b>	<b>G44</b>	<b>193</b>
<b>MALTERUD DDS MARK I</b>	<b>2305 FORD PKWY NO 103</b>	<b>1/4 - 1/2 NW</b>	<b>G46</b>	<b>250</b>
<b>MALTERUD DR MARK</b>	<b>770 MT CURVE BLVD</b>	<b>1/4 - 1/2 NNW</b>	<b>50</b>	<b>255</b>
<b>QUALPRO SVC INC</b>	<b>2305 FORD PKWY STE 1B</b>	<b>1/4 - 1/2 NW</b>	<b>58</b>	<b>263</b>

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/18/2007 has revealed that there is 1 FINDS 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>
<b>ST PAUL PUBLIC HOUSING CLEVELA</b>	<b>899 CLEVELAND AVE S</b>	<b>1/8 - 1/4E</b>	<b>B19</b>	<b>142</b>

## EXECUTIVE SUMMARY

### 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 12/31/2006 has revealed that there is 1 SHWS site within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMER SERVICE STATION</b>	<b>1817 RANDOLPH</b>	<b>1 - 2 NE</b>	<b>91</b>	<b>365</b>

**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 01/09/2007 has revealed that there are 4 MN LS sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ST. PAUL AVENUE DUMP	BETWEEN CLEVELAND AVENUE	1/4 - 1/2 ESE	I49	255
ABANDONED DUMP - 1	NEAR ST. PAUL AVE / Y	1/4 - 1/2 ESE	I52	258
HIGHLAND SHOPPING CENTER	2004-2056 FORD PARKWAY	1/4 - 1/2 NE	J60	270
MR. MOVIES BUILDING	750-758 SOUTH CLEVELAND	1/4 - 1/2 NE	K66	275

**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 12/01/2006 has revealed that there are 22 LUST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CLEVELAND HIGHRISE Complete Site Closed Date: 01/02/2000 00:00:00	899 S CLEVELAND AVE	1/8 - 1/4 E	B20	142
FORMER DRY CLEANERS Complete Site Closed Date: 01/06/2003 00:00:00	2169 FORD PKWY	1/4 - 1/2 N	C28	160
HIGHLAND VILLAGE APARTMENTS (O) Complete Site Closed Date: 12/13/1989 00:00:00	845 CLEVELAND S	1/4 - 1/2 NE	F35	166
<b>CARSON PIRIE SCOTT RETAIL FACI</b> Complete Site Closed Date: 03/15/1991 00:00:00	<b>2110 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>E38</b>	<b>171</b>
<b>FINA MART #572 (TEXACO STATION)</b> Complete Site Closed Date: 06/24/1999 00:00:00	<b>2111 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>E40</b>	<b>182</b>
HIGHLAND SHOPPING CENTER Complete Site Closed Date: 01/07/1997 00:00:00	2056 FORD PKWY	1/4 - 1/2 NE	H55	259

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HIGHLAND SHOPPING CENTER Complete Site Closed Date: 11/07/2005 00:00:00	2054 FORD PKWY	1/4 - 1/2 NE	H56	261
YORKSHIRE GROVE APTS Complete Site Closed Date: 02/10/1998 00:00:00	2028 YORKSHIRE AVE	1/4 - 1/2 ESE	62	271
<b>FORMER CLARK OIL</b> Complete Site Closed Date: 08/17/1993 00:00:00	<b>744 CLEVELAND AVE</b>	<b>1/4 - 1/2 NE</b>	<b>K69</b>	<b>276</b>
<b>ARIES SVC CTR</b> Complete Site Closed Date: 11/08/1995 00:00:00 Complete Site Closed Date: 07/11/2003 00:00:00	<b>1071 S CLEVELAND AVE</b>	<b>1/4 - 1/2 SSE</b>	<b>M72</b>	<b>281</b>
FORMER GAS STATION Complete Site Closed Date: 01/06/1997 00:00:00	1076 S CLEVELAND AVE	1/4 - 1/2 SSE	M73	291
<b>HIGHLAND SHOPPING CENTER</b> Complete Site Closed Date: 01/07/1997 00:00:00	<b>2004 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L74</b>	<b>293</b>
<b>FINASERVE #604-1449-609</b> Complete Site Closed Date: 10/12/1999 00:00:00 Complete Site Closed Date: 06/07/1995 00:00:00	<b>2005 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L77</b>	<b>303</b>
<b>VALVOLINE RAPID OIL CHANGE</b> Complete Site Closed Date: 10/09/2000 00:00:00	<b>726 CLEVELAND AVE S</b>	<b>1/4 - 1/2 NNE</b>	<b>N83</b>	<b>336</b>
HIGHLAND CAR WASH Complete Site Closed Date: 02/12/1992 00:00:00	1985 FORD PKWY	1/4 - 1/2 NE	O84	344
<b>MANN ELEMANTARY SCHOOL</b> Complete Site Closed Date: 06/05/1990 00:00:00	<b>2001 ELEANOR AVE</b>	<b>1/2 - 1 NE</b>	<b>88</b>	<b>356</b>
CLEVELAND TERRACE Complete Site Closed Date: 04/16/1996 00:00:00	569 CLEVELAND AVE S	1/2 - 1 NNE	90	364
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MULTI-CLEAN Complete Site Closed Date: 06/01/1992 00:00:00	2277 FORD PKWY	1/4 - 1/2 NNW	G43	191
<b>CONVOY CO</b> Complete Site Closed Date: 02/21/1990 00:00:00	<b>2811 HIGHWAY 55</b>	<b>1/4 - 1/2 WNW</b>	<b>45</b>	<b>201</b>
CARE INSTITUTE INC Complete Site Closed Date: 03/31/1997 00:00:00	750 MISSISSIPPI RIVER BL	1/4 - 1/2 NW	P86	351
<b>740 RIVER DRIVE APARTMENTS</b> Complete Site Closed Date: 05/19/1995 00:00:00	<b>740 MISSISSIPPI RIVER D</b>	<b>1/2 - 1 NW</b>	<b>P87</b>	<b>353</b>
<b>TEMPLE OF AARON</b> Complete Site Closed Date: 07/11/1997 00:00:00	<b>616 S MISSISSIPPI RIVER</b>	<b>1/2 - 1 NNW</b>	<b>89</b>	<b>360</b>

**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 12/01/2006 has revealed that there are 15 UST 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>
CLEVELAND HI-RISE (M-1-11)	899 S CLEVELAND AVE	1/8 - 1/4 E	B18	138
AMOCO SS #8529	2185 FORD PKWY	1/4 - 1/2 N	C22	146

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>HIGHLAND VILLAGE APARTMENTS</b>	<b>845 S CLEVELAND</b>	<b>1/4 - 1/2 NE</b>	<b>F36</b>	<b>167</b>
<b>CARSON PIRIE SCOTT RETAIL FACI</b>	<b>2110 FORD PKWY</b>	<b>1/4 - 1/2 NNE</b>	<b>E38</b>	<b>171</b>
OASIS MARKET #572	2111 FORD PKWY	1/4 - 1/2 NNE	E39	176
HIGHLAND CATHOLIC SCHOOL	2017 BOHLAND	1/4 - 1/2 ENE	51	256
<b>ARIES SVC CTR</b>	<b>1071 S CLEVELAND AVE</b>	<b>1/4 - 1/2 SSE</b>	<b>M72</b>	<b>281</b>
<b>PARKWAY AUTO CARE</b>	<b>2005 FORD PKWY</b>	<b>1/4 - 1/2 NE</b>	<b>L78</b>	<b>314</b>
<b>RAPID OIL CHANGE</b>	<b>726 S CLEVELAND</b>	<b>1/4 - 1/2 NNE</b>	<b>N81</b>	<b>329</b>
<b>VALVOLINE RAPID OIL CHANGE</b>	<b>726 CLEVELAND AVE S</b>	<b>1/4 - 1/2 NNE</b>	<b>N83</b>	<b>336</b>
HIGHLAND CARWASH (FORMERLY SS)	1985 FORD PKWY	1/4 - 1/2 NE	O85	346

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HAKO MINUTEMAN	2278 FORD PKWY	1/4 - 1/2 NW	G41	186
<b>PETCO - FORD PARKWAY</b>	<b>2277 FORD PKWY</b>	<b>1/4 - 1/2 NW</b>	<b>G44</b>	<b>193</b>
<b>CONVOY CO</b>	<b>2811 HIGHWAY 55</b>	<b>1/4 - 1/2 WNW</b>	<b>45</b>	<b>201</b>
RIVER FORD PARTNERSHIP	2305 FORD PKWY	1/4 - 1/2 NW	G47	251

**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 12/01/2006 has revealed that there are 4 AST 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>
TIRES PLUS	2185 FORD PKWY	1/4 - 1/2 N	C23	155
QUALITY DIRECT SALES DBA/TIRES	2185 FORD PKWY	1/4 - 1/2 N	C24	157
<b>RAPID OIL CHANGE</b>	<b>726 S CLEVELAND</b>	<b>1/4 - 1/2 NNE</b>	<b>N81</b>	<b>329</b>
<b>VALVOLINE RAPID OIL CHANGE</b>	<b>726 CLEVELAND AVE S</b>	<b>1/4 - 1/2 NNE</b>	<b>N83</b>	<b>336</b>

**MN SPILLS:** This is the Minnesota Pollution Control Agency's Spills Log.

A review of the MN Spills list, as provided by EDR, and dated 12/01/2006 has revealed that there is 1 MN Spills 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>
THELL OIL	930 S CLEVELAND	1/8 - 1/4 ESE	21	144

**INST CONTROL:** Sites that have an Institutional Control event.

A review of the INST CONTROL list, as provided by EDR, and dated 12/31/2006 has revealed that there is 1 INST CONTROL site within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MR. MOVIES BUILDING</b>	<b>750 - 758 S. CLEVELAND</b>	<b>1/4 - 1/2 NE</b>	<b>H59</b>	<b>264</b>

## EXECUTIVE SUMMARY

**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 12/31/2006 has revealed that there are 2 MN VIC sites within approximately 0.75 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>MR. MOVIES BUILDING</i>	<i>750 - 758 S. CLEVELAND</i>	<i>1/4 - 1/2 NE</i>	<i>H59</i>	<i>264</i>
<i>HIGHLAND SHOPPING CENTER</i>	<i>2004-2056 FORD PARKWAY</i>	<i>1/4 - 1/2 NE</i>	<i>L76</i>	<i>297</i>

**DRYCLEANERS:** A listing of coin-operated laundries and drycleaning; drycleaning plants, except rug cleaning; and industrial launderers.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/24/2007 has revealed that there are 2 DRYCLEANERS 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>
RANDOLPH CLEANING CENTER	750 CLEVELAND AVE S	1/4 - 1/2 NE	K67	275
RED ROBIN CLEANERS	2015 FORD PKWY	1/4 - 1/2 NE	L70	280

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
CROSBY INVESTMENT CO	LUST
US BUREAU OF MINES T.C.RESEARCH CENTER	LUST
WEST RIVER PARKWAY	LUST
LOCK & DAM #1	LUST
RIVER RD WEST APTS/FORMER GAS STATION	LUST
AMOCO SS# 8529	LUST
QUEBECOR PRINTING	LUST, MN Spills, LAST
STONEBRIDGE OF LILYDALE/SHIELY QU	UST
STEVEN KEOUGH RESIDENCE	UST
U OF MN - NORTHWEST GREENHOUSE	UST
LTF REAL ESTATE CO INC	RCRA-SQG
LTF REAL ESTATE CO INC	FINDS, MLTS
VETERANS AFFAIRS MEDICAL CENTER	MN LS
CROSBY LAKE BUSINESS PARK	MN VIC
NSP PLANT	MN Spills
MCES METRO PLANT	MN Spills
METRO PLANT	MN Spills
MCES METRO PLANT	MN Spills
TWIN CITIES AND WESTERN RAILROAD LOCOMOTIVE FIRE	MN Spills
EXCEL ENERG HIGHBRIDGE PLANT	MN Spills
FORD MOTOR CO.	MN Spills

# OVERVIEW MAP - 1874060.2s



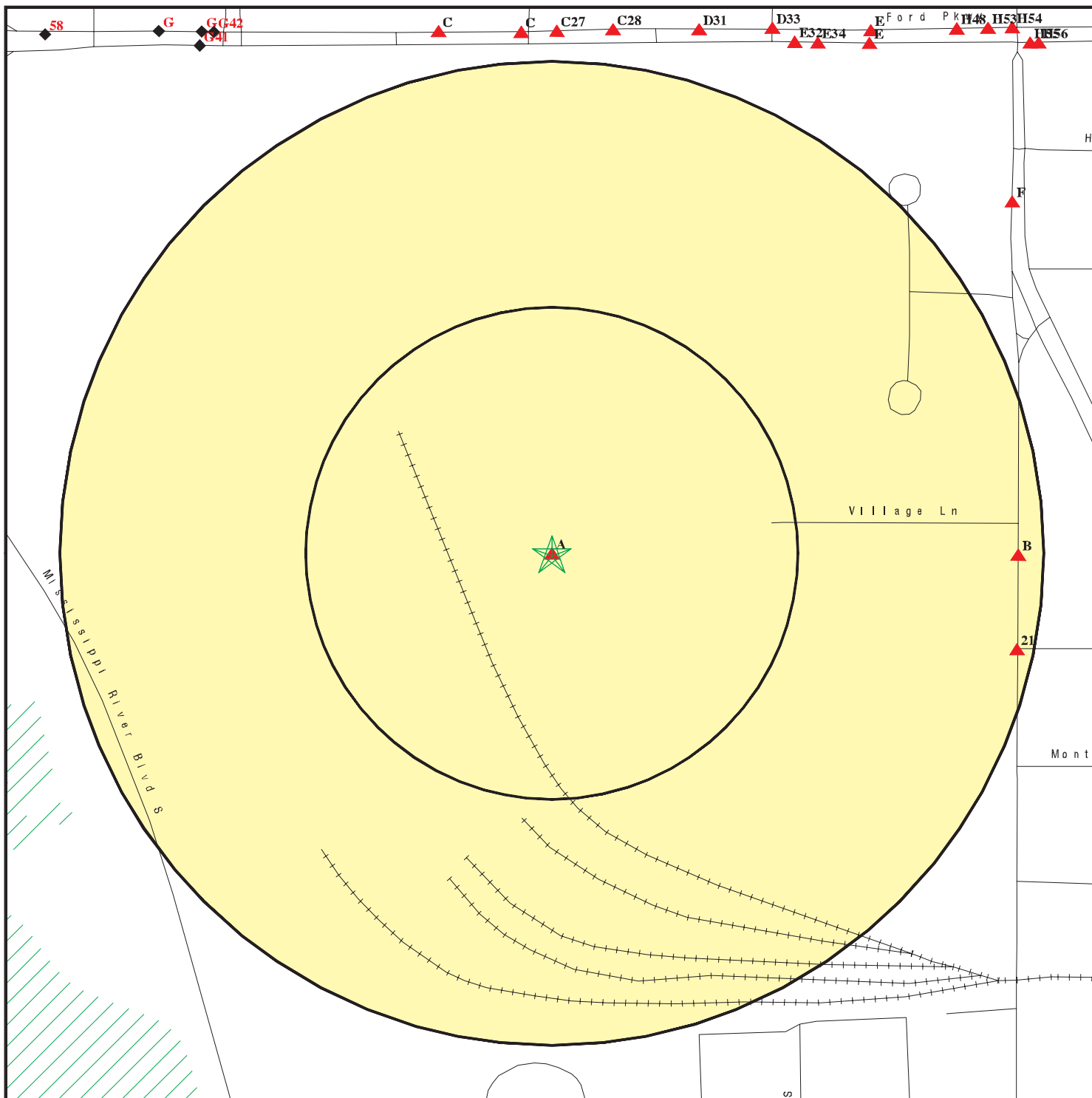
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- 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: Ford Motor Company Twin Cities Assembly Plant  
 ADDRESS: 966 South Mississippi River Blvd.  
 St. Paul MN 55116  
 LAT/LONG: 44.9141 / 93.1922

CLIENT: ARCADIS BBL  
 CONTACT: Ameer Freeman  
 INQUIRY #: 1874060.2s  
 DATE: March 09, 2007 3:24 pm

# DETAIL MAP - 1874060.2s



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

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

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

SITE NAME: Ford Motor Company Twin Cities Assembly Plant  
 ADDRESS: 966 South Mississippi River Blvd.  
 St. Paul MN 55116  
 LAT/LONG: 44.9141 / 93.1922

CLIENT: ARCADIS BBL  
 CONTACT: Ameer Freeman  
 INQUIRY #: 1874060.2s  
 DATE: March 09, 2007 3:24 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
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
NPL RECOVERY		0.250	0	0	NR	NR	NR	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP	X	0.750	0	0	0	0	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRA TSD		0.750	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.	X	0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	0	1	32	NR	NR	33
ERNS	X	0.250	0	0	NR	NR	NR	0
HMIRS		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.750	0	0	0	0	NR	0
US INST CONTROL		0.750	0	0	0	0	NR	0
DOD		1.250	0	0	0	0	0	0
FUDS		1.250	0	0	0	0	0	0
US BROWNFIELDS		0.750	0	0	0	0	NR	0
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
UMTRA		0.750	0	0	0	0	NR	0
ODI		0.750	0	0	0	0	NR	0
TRIS	X	0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
FTTS	X	0.250	0	0	NR	NR	NR	0
SSTS		0.250	0	0	NR	NR	NR	0
ICIS	X	0.250	0	0	NR	NR	NR	0
CDL		0.250	0	0	NR	NR	NR	0
LUCIS		0.750	0	0	0	0	NR	0
RADINFO		0.250	0	0	NR	NR	NR	0
PADS	X	0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
FINDS	X	0.250	0	1	NR	NR	NR	1
RAATS		0.250	0	0	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste	X	1.250	0	0	0	0	1	1
MN PLP		1.250	0	0	0	0	0	0
MN DEL PLP	X	1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
MN LCP		0.750	0	0	0	0	NR	0
MN LS	X	0.750	0	0	4	0	NR	4
LUST	X	0.750	0	1	17	4	NR	22
UST	X	0.500	0	1	14	NR	NR	15
LAST	X	0.750	0	0	0	0	NR	0
AST	X	0.500	0	0	4	NR	NR	4
LIENS		0.250	0	0	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
BULK		0.500	0	0	0	NR	NR	0
MN Spills	X	0.250	0	1	NR	NR	NR	1
MN AGSPILLS		0.250	0	0	NR	NR	NR	0
INST CONTROL		0.750	0	0	1	0	NR	1
MN VIC		0.750	0	0	2	0	NR	2
DRYCLEANERS		0.500	0	0	2	NR	NR	2
BROWNFIELDS		0.750	0	0	0	0	NR	0
CDL		0.250	0	0	NR	NR	NR	0
MN Enforcement	X	0.250	0	0	NR	NR	NR	0
MN HWS Permit		1.250	0	0	0	0	0	0
AIRS		0.250	0	0	NR	NR	NR	0
TIER 2	X	0.250	0	0	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.250	0	0	0	0	0	0
INDIAN LUST		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.250	0	0	0	0	0	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**      **FORD - TWIN CITIES ASSEMBLY PLANT**  
**Target**    **966 S MISSISSIPPI RIVER BLVD**  
**Property**   **ST. PAUL, MN 55116**

**TIER 2**    **S107729093**  
                  **N/A**

**Site 1 of 17 in cluster A**

**Actual:**  
**821 ft.**

MN TIER 2:  
 Erc Number:                    620700020  
 Facility Phone:                Not reported  
 Owner Name:                    Not reported  
 Owner Phone:                  Not reported  
 Owner Address:                Not reported  
 Owner City:                    Not reported  
 Owner State:                  Not reported  
 Owner Zip:                    Not reported  
 Mailing Name:                 Not reported  
 Mailing Street:                Not reported  
 Mailing PO BOX:              Not reported  
 Mailing City:                 Not reported  
 Mailing State:                Not reported  
 Mailing Zip:                  Not reported  
 Mailing Attn:                 Not reported  
 Mailing Zip:                  Not reported  
 Mailing Attn:                 Not reported  
 SIC Code:                      Not reported  
 Dunn Brad Num:                Not reported  
 Time Created:                 Not reported  
 Signed By:                    Not reported  
 Title:                          Not reported  
 Signed Date:                  Not reported  
 Facility Status:                Not reported  
 Attach Site Plan:              Not reported  
 Attach Coord Abbr:            Not reported  
 Attach Safeguard Info:        Not reported  
 Extension Site Plan:         Not reported  
 Extension Coord Abbr:        Not reported  
 Extension Safeguard Info:    Not reported  
 Report Year:                  Not reported  
 Attach ERP:                    Not reported  
 Extension ERP:                Not reported  
 Last Updated ERP:            Not reported  
 Last Tested ERP:              Not reported  
 Last Reviewed ERP:         Not reported  
 VZone Primary:                Not reported  
 VZone Secondary:             Not reported  
 Modified Date:                Not reported  
 FIPS County:                  Not reported  
 Facility Email:                Not reported  
 Latitude/Longitude:         /  
 User Name:                    Not reported  
 Trifid:                        Not reported  
 Naisc:                         Not reported  
 CMFCL Record ID:            Not reported  
 Hardcopy Attachments:      Not reported  
 Sepc Approved Date ERP:    Not reported  
 Facility Web:                 Not reported  
 Facility MNCP:                Not reported  
 SIC:                          Not reported  
 Client System ID:            Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 8006-61-9  
Chemical Name: GASOLINE, UNLEADED  
Trade Secret: No  
Pure: No  
Mixture: Yes  
Solid: No  
Liquid: Yes  
Gas: No  
Extremely Hazardous Substance: No  
Fire: Yes  
Pressure: Yes  
Reactivity: Yes  
Immediate Health Affects: Yes  
Delayed Health Affects: Yes  
Site Plan: Yes  
Confidential Location: No  
Maximum Daily Amount Stored: 05  
Average Daily Amount Stored: 04  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: B14  
Remark: site plan 90

Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported  
Time Created: Not reported  
Signed By: Not reported  
Title: Not reported  
Signed Date: Not reported  
Facility Status: Not reported  
Attach Site Plan: Not reported  
Attach Coord Abbr: Not reported  
Attach Safeguard Info: Not reported  
Extension Site Plan: Not reported  
Extension Coord Abbr: Not reported  
Extension Safeguard Info: Not reported  
Report Year: Not reported  
Attach ERP: Not reported  
Extension ERP: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepc Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	1333-86-4
Chemical Name:	BODY / WINDSHIELD SEALERS
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	Yes
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	03
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	D14
Remark:	site plan 90
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	122-99-6, 1310-73-2
Chemical Name:	INDUSTRIAL OVEN CLEANERS
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	04

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Average Daily Amount Stored: 03  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: D14  
Remark: site plan 90

Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported  
Time Created: Not reported  
Signed By: Not reported  
Title: Not reported  
Signed Date: Not reported  
Facility Status: Not reported  
Attach Site Plan: Not reported  
Attach Coord Abbr: Not reported  
Attach Safeguard Info: Not reported  
Extension Site Plan: Not reported  
Extension Coord Abbr: Not reported  
Extension Safeguard Info: Not reported  
Report Year: Not reported  
Attach ERP: Not reported  
Extension ERP: Not reported  
Last Updated ERP: Not reported  
Last Tested ERP: Not reported  
Last Reviewed ERP: Not reported  
VZone Primary: Not reported  
VZone Secondary: Not reported  
Modified Date: Not reported  
FIPS County: Not reported  
Facility Email: Not reported  
Latitude/Longitude: /  
User Name: Not reported  
Trifid: Not reported  
Naisc: Not reported  
CMFCL Record ID: Not reported  
Hardcopy Attachments: Not reported  
Sepc Approved Date ERP: Not reported  
Facility Web: Not reported  
Facility MNCP: Not reported  
SIC: Not reported  
Client System ID: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 74-98-6  
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)  
Trade Secret: No  
Pure: Yes  
Mixture: No  
Solid: No  
Liquid: Yes  
Gas: Yes  
Extremely Hazardous Substance: No  
Fire: Yes  
Pressure: Yes  
Reactivity: Yes  
Immediate Health Affects: Yes  
Delayed Health Affects: Yes  
Site Plan: Yes  
Confidential Location: No  
Maximum Daily Amount Stored: 06  
Average Daily Amount Stored: 06  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: L24  
How Chemical Is Stored: B26  
Remark: site plan 90

Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported  
Time Created: Not reported  
Signed By: Not reported  
Title: Not reported  
Signed Date: Not reported  
Facility Status: Not reported  
Attach Site Plan: Not reported  
Attach Coord Abbr: Not reported  
Attach Safeguard Info: Not reported  
Extension Site Plan: Not reported  
Extension Coord Abbr: Not reported  
Extension Safeguard Info: Not reported  
Report Year: Not reported  
Attach ERP: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	10043-01-3
Chemical Name:	BASE COMPONENT PAINT DETACKIFIER
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	No
Reactivity:	Yes
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	C14
Remark:	site plan 90
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	1310-73-2
Chemical Name:	SODIUM HYDROXIDE
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	No
Reactivity:	Yes
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	Yes
Confidential Location:	No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Maximum Daily Amount Stored: 05  
Average Daily Amount Stored: 05  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: C14  
How Chemical Is Stored: E14  
How Chemical Is Stored: C14  
How Chemical Is Stored: C14  
Remark: site plan 90  
  
Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported  
Time Created: Not reported  
Signed By: Not reported  
Title: Not reported  
Signed Date: Not reported  
Facility Status: Not reported  
Attach Site Plan: Not reported  
Attach Coord Abbr: Not reported  
Attach Safeguard Info: Not reported  
Extension Site Plan: Not reported  
Extension Coord Abbr: Not reported  
Extension Safeguard Info: Not reported  
Report Year: Not reported  
Attach ERP: Not reported  
Extension ERP: Not reported  
Last Updated ERP: Not reported  
Last Tested ERP: Not reported  
Last Reviewed ERP: Not reported  
VZone Primary: Not reported  
VZone Secondary: Not reported  
Modified Date: Not reported  
FIPS County: Not reported  
Facility Email: Not reported  
Latitude/Longitude: /  
User Name: Not reported  
Trifid: Not reported  
Naisc: Not reported  
CMFCL Record ID: Not reported  
Hardcopy Attachments: Not reported  
Sepc Approved Date ERP: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Facility Web: Not reported  
Facility MNCP: Not reported  
SIC: Not reported  
Client System ID: Not reported  
Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 7705080  
Chemical Name: FERRIC CHLORIDE SOLUTION  
Trade Secret: No  
Pure: No  
Mixture: Yes  
Solid: No  
Liquid: Yes  
Gas: No  
Extremely Hazardous Substance: No  
Fire: No  
Pressure: No  
Reactivity: No  
Immediate Health Affects: Yes  
Delayed Health Affects: Yes  
Site Plan: Yes  
Confidential Location: No  
Maximum Daily Amount Stored: 04  
Average Daily Amount Stored: 04  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: C14  
How Chemical Is Stored: C14  
Remark: site plan 90  
  
Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported  
Time Created: Not reported  
Signed By: Not reported  
Title: Not reported  
Signed Date: Not reported  
Facility Status: Not reported  
Attach Site Plan: Not reported  
Attach Coord Abbr: Not reported  
Attach Safeguard Info: Not reported  
Extension Site Plan: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Extension Coord Abbr: Not reported  
Extension Safeguard Info: Not reported  
Report Year: Not reported  
Attach ERP: Not reported  
Extension ERP: Not reported  
Last Updated ERP: Not reported  
Last Tested ERP: Not reported  
Last Reviewed ERP: Not reported  
VZone Primary: Not reported  
VZone Secondary: Not reported  
Modified Date: Not reported  
FIPS County: Not reported  
Facility Email: Not reported  
Latitude/Longitude: /  
User Name: Not reported  
Trifid: Not reported  
Naisc: Not reported  
CMFCL Record ID: Not reported  
Hardcopy Attachments: Not reported  
Sepc Approved Date ERP: Not reported  
Facility Web: Not reported  
Facility MNCP: Not reported  
SIC: Not reported  
Client System ID: Not reported  
Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 7664-93-9  
Chemical Name: SULFURIC ACID  
Trade Secret: No  
Pure: Yes  
Mixture: No  
Solid: No  
Liquid: Yes  
Gas: No  
Extremely Hazardous Substance: Yes  
Fire: No  
Pressure: No  
Reactivity: No  
Immediate Health Affects: Yes  
Delayed Health Affects: Yes  
Site Plan: Yes  
Confidential Location: No  
Maximum Daily Amount Stored: 05  
Average Daily Amount Stored: 05  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: A14  
How Chemical Is Stored: C14  
How Chemical Is Stored: C14  
Remark: site plan 90  
  
Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	68334-30-5
Chemical Name:	DIESEL FUEL
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Pressure: No  
 Reactivity: No  
 Immediate Health Affects: Yes  
 Delayed Health Affects: Yes  
 Site Plan: Yes  
 Confidential Location: No  
 Maximum Daily Amount Stored: 04  
 Average Daily Amount Stored: 03  
 # Days On-site Chemical Stored: 365  
 How Chemical Is Stored: A14  
 How Chemical Is Stored: C14  
 How Chemical Is Stored: C14  
 Remark: site plan 90

Erc Number: 620700020  
 Facility Phone: Not reported  
 Owner Name: Not reported  
 Owner Phone: Not reported  
 Owner Address: Not reported  
 Owner City: Not reported  
 Owner State: Not reported  
 Owner Zip: Not reported  
 Mailing Name: Not reported  
 Mailing Street: Not reported  
 Mailing PO BOX: Not reported  
 Mailing City: Not reported  
 Mailing State: Not reported  
 Mailing Zip: Not reported  
 Mailing Attn: Not reported  
 Mailing Zip: Not reported  
 Mailing Attn: Not reported  
 SIC Code: Not reported  
 Dunn Brad Num: Not reported  
 Time Created: Not reported  
 Signed By: Not reported  
 Title: Not reported  
 Signed Date: Not reported  
 Facility Status: Not reported  
 Attach Site Plan: Not reported  
 Attach Coord Abbr: Not reported  
 Attach Safeguard Info: Not reported  
 Extension Site Plan: Not reported  
 Extension Coord Abbr: Not reported  
 Extension Safeguard Info: Not reported  
 Report Year: Not reported  
 Attach ERP: Not reported  
 Extension ERP: Not reported  
 Last Updated ERP: Not reported  
 Last Tested ERP: Not reported  
 Last Reviewed ERP: Not reported  
 VZone Primary: Not reported  
 VZone Secondary: Not reported  
 Modified Date: Not reported  
 FIPS County: Not reported  
 Facility Email: Not reported  
 Latitude/Longitude: /  
 User Name: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepc Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	13598-37-3
Chemical Name:	2010 BONDERITE REPLENISHER AND MAKE-UP
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	No
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	C14
Remark:	Not reported
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	71-36-3
Chemical Name:	HIGH SOLIDS ENAMEL PAINT
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	No
Confidential Location:	No
Maximum Daily Amount Stored:	05
Average Daily Amount Stored:	05
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	O14
How Chemical Is Stored:	D14
Remark:	Not reported
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	1330207
Chemical Name:	PAINT SOLVENTS, NO5 - XYLENE
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	Yes
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	05
Average Daily Amount Stored:	05
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	D14
How Chemical Is Stored:	O14
How Chemical Is Stored:	C14
Remark:	site plan 90
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepc Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	112-34-5
Chemical Name:	BODY SURFACE CLEANERS
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	Yes
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	No
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	D14
How Chemical Is Stored:	E14
Remark:	Not reported
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	67-56-1
Chemical Name:	WINDSHIELD WASHER CONCENTRATE
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	05
Average Daily Amount Stored:	05
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	C14
Remark:	site plan 90
Erc Number:	620700020

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepc Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	7789-29-9
Chemical Name:	PHOSPHATE ADDITIVES
Trade Secret:	No
Pure:	No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	No
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	D14
How Chemical Is Stored:	E14
Remark:	Not reported
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Modified Date: Not reported  
FIPS County: Not reported  
Facility Email: Not reported  
Latitude/Longitude: /  
User Name: Not reported  
Trifid: Not reported  
Naisc: Not reported  
CMFCL Record ID: Not reported  
Hardcopy Attachments: Not reported  
Sepc Approved Date ERP: Not reported  
Facility Web: Not reported  
Facility MNCP: Not reported  
SIC: Not reported  
Client System ID: Not reported  
Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 64741-88-4  
Chemical Name: POWER STEERING FLUID  
Trade Secret: No  
Pure: No  
Mixture: No  
Solid: No  
Liquid: Yes  
Gas: No  
Extremely Hazardous Substance: No  
Fire: No  
Pressure: No  
Reactivity: No  
Immediate Health Affects: Yes  
Delayed Health Affects: Yes  
Site Plan: No  
Confidential Location: No  
Maximum Daily Amount Stored: 05  
Average Daily Amount Stored: 04  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: C14  
Remark: Not reported

Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	471-34-1
Chemical Name:	BODY SURFACE SEALERS
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	Yes
Site Plan:	No
Confidential Location:	No
Maximum Daily Amount Stored:	05
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	O14
How Chemical Is Stored:	D14
Remark:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	7786814
Chemical Name:	ELECTROCOAT PAINT RESIN
Trade Secret:	No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	No
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	C14
Remark:	site plan 90
Erc Number:	620700020
Facility Phone:	Not reported
Owner Name:	Not reported
Owner Phone:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing PO BOX:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
Mailing Zip:	Not reported
Mailing Attn:	Not reported
SIC Code:	Not reported
Dunn Brad Num:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Modified Date: Not reported  
FIPS County: Not reported  
Facility Email: Not reported  
Latitude/Longitude: /  
User Name: Not reported  
Trifid: Not reported  
Naisc: Not reported  
CMFCL Record ID: Not reported  
Hardcopy Attachments: Not reported  
Sepc Approved Date ERP: Not reported  
Facility Web: Not reported  
Facility MNCP: Not reported  
SIC: Not reported  
Client System ID: Not reported  
Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 818-08-6  
Chemical Name: ELECTROCOAT PAINT PIGMENT  
Trade Secret: No  
Pure: No  
Mixture: Yes  
Solid: No  
Liquid: Yes  
Gas: No  
Extremely Hazardous Substance: No  
Fire: No  
Pressure: No  
Reactivity: No  
Immediate Health Affects: Yes  
Delayed Health Affects: Yes  
Site Plan: Yes  
Confidential Location: No  
Maximum Daily Amount Stored: 04  
Average Daily Amount Stored: 04  
# Days On-site Chemical Stored: 365  
How Chemical Is Stored: O14  
Remark: site plan 90

Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Facility Status:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Report Year:	Not reported
Attach ERP:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Facility Email:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
Trifid:	Not reported
Naisc:	Not reported
CMFCL Record ID:	Not reported
Hardcopy Attachments:	Not reported
Sepec Approved Date ERP:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Tier 2 Year:	2004
Cas Number:	811-97-2
Chemical Name:	HYDROFLUOROCARBON 134A
Trade Secret:	No
Pure:	No
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Hazardous Substance:	No
Fire:	No
Pressure:	Yes
Reactivity:	No
Immediate Health Affects:	Yes
Delayed Health Affects:	No
Site Plan:	Yes
Confidential Location:	No
Maximum Daily Amount Stored:	04
Average Daily Amount Stored:	04
# Days On-site Chemical Stored:	365
How Chemical Is Stored:	A24
Remark:	site plan 90

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

FORD - TWIN CITIES ASSEMBLY PLANT (Continued)

S107729093

Erc Number: 620700020  
Facility Phone: Not reported  
Owner Name: Not reported  
Owner Phone: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Mailing Name: Not reported  
Mailing Street: Not reported  
Mailing PO BOX: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
Mailing Zip: Not reported  
Mailing Attn: Not reported  
SIC Code: Not reported  
Dunn Brad Num: Not reported  
Time Created: Not reported  
Signed By: Not reported  
Title: Not reported  
Signed Date: Not reported  
Facility Status: Not reported  
Attach Site Plan: Not reported  
Attach Coord Abbr: Not reported  
Attach Safeguard Info: Not reported  
Extension Site Plan: Not reported  
Extension Coord Abbr: Not reported  
Extension Safeguard Info: Not reported  
Report Year: Not reported  
Attach ERP: Not reported  
Extension ERP: Not reported  
Last Updated ERP: Not reported  
Last Tested ERP: Not reported  
Last Reviewed ERP: Not reported  
VZone Primary: Not reported  
VZone Secondary: Not reported  
Modified Date: Not reported  
FIPS County: Not reported  
Facility Email: Not reported  
Latitude/Longitude: /  
User Name: Not reported  
Trifid: Not reported  
Naisc: Not reported  
CMFCL Record ID: Not reported  
Hardcopy Attachments: Not reported  
Sepc Approved Date ERP: Not reported  
Facility Web: Not reported  
Facility MNCP: Not reported  
SIC: Not reported  
Client System ID: Not reported  
Own Country: Not reported  
Tier 2 Year: 2004  
Cas Number: 107211  
Chemical Name: ETHYLENE GLYCOL(PREMIUM COOLING SYSTEM FLUID)  
Trade Secret: No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Pure: No  
 Mixture: Yes  
 Solid: No  
 Liquid: Yes  
 Gas: No  
 Extremely Hazardous Substance: No  
 Fire: No  
 Pressure: No  
 Reactivity: No  
 Immediate Health Affects: Yes  
 Delayed Health Affects: Yes  
 Site Plan: Yes  
 Confidential Location: No  
 Maximum Daily Amount Stored: 05  
 Average Daily Amount Stored: 05  
 # Days On-site Chemical Stored: 365  
 How Chemical Is Stored: C14  
 Remark: site plan 90

Erc Number: 620700020  
 Facility Phone: Not reported  
 Owner Name: Not reported  
 Owner Phone: Not reported  
 Owner Address: Not reported  
 Owner City: Not reported  
 Owner State: Not reported  
 Owner Zip: Not reported  
 Mailing Name: Not reported  
 Mailing Street: Not reported  
 Mailing PO BOX: Not reported  
 Mailing City: Not reported  
 Mailing State: Not reported  
 Mailing Zip: Not reported  
 Mailing Attn: Not reported  
 Mailing Zip: Not reported  
 Mailing Attn: Not reported  
 SIC Code: Not reported  
 Dunn Brad Num: Not reported  
 Time Created: Not reported  
 Signed By: Not reported  
 Title: Not reported  
 Signed Date: Not reported  
 Facility Status: Not reported  
 Attach Site Plan: Not reported  
 Attach Coord Abbr: Not reported  
 Attach Safeguard Info: Not reported  
 Extension Site Plan: Not reported  
 Extension Coord Abbr: Not reported  
 Extension Safeguard Info: Not reported  
 Report Year: Not reported  
 Attach ERP: Not reported  
 Extension ERP: Not reported  
 Last Updated ERP: Not reported  
 Last Tested ERP: Not reported  
 Last Reviewed ERP: Not reported  
 VZone Primary: Not reported  
 VZone Secondary: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD - TWIN CITIES ASSEMBLY PLANT (Continued)**

**S107729093**

Modified Date: Not reported  
 FIPS County: Not reported  
 Facility Email: Not reported  
 Latitude/Longitude: /  
 User Name: Not reported  
 Trifid: Not reported  
 Naisc: Not reported  
 CMFCL Record ID: Not reported  
 Hardcopy Attachments: Not reported  
 Sepc Approved Date ERP: Not reported  
 Facility Web: Not reported  
 Facility MNCP: Not reported  
 SIC: Not reported  
 Client System ID: Not reported  
 Own Country: Not reported  
 Tier 2 Year: 2004  
 Cas Number: 110-85-0  
 Chemical Name: BRAKE FLUID  
 Trade Secret: No  
 Pure: No  
 Mixture: Yes  
 Solid: No  
 Liquid: Yes  
 Gas: No  
 Extremely Hazardous Substance: No  
 Fire: No  
 Pressure: No  
 Reactivity: No  
 Immediate Health Affects: Yes  
 Delayed Health Affects: Yes  
 Site Plan: Yes  
 Confidential Location: No  
 Maximum Daily Amount Stored: 04  
 Average Daily Amount Stored: 04  
 # Days On-site Chemical Stored: 365  
 How Chemical Is Stored: O14  
 Remark: site plan 90

**A2 FORD MOTOR COMPANY FUEL SOIL**  
**Target 966 S MISSISSIPPI BOULEVARD**  
**Property ST. PAUL, MN 0**

**MN Spills S107561812**  
**N/A**

**Actual: 821 ft.**  
**Site 2 of 17 in cluster A**

MN SPILL:  
 Program Id: 340874  
 Township Name: Not reported  
 Interest Type: SP  
 Addr Id: 457959  
 Interest Phone: Not reported  
 Preferred Id: 64844  
 Interest Start Date: 12/20/2005 13:30:46  
 Interest End Date: Not reported  
 Active: Not reported  
 Tmsp Added: 12/20/2005 13:30:48  
 Tmsp Last Updt: 12/20/2005 13:30:48  
 Staff Id Last Updt: KFAUS  
 fadd2: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

FORD MOTOR COMPANY FUEL SOIL (Continued)

S107561812

State County Code: 27  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Closed, Other (See Remarks)**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3234  
MPCA Project Manager Initials: 3234  
Spill Site Closure Date: 12/20/2005 00:00:00  
Sp Rep Desc: Vimala Anishetty  
Spill Date: 01/13/2005 00:00:00  
Spill Reported Date: 01/18/2005 05:00:00  
Init Cause Code: Discovery Of Contaminated Soil  
Init Cause Desc: Not reported  
Initial Source Code: 16  
Priority Code: Not reported  
Archive Lot: Not reported  
Archive Box: Not reported  
Rep Phone: 3132489610  
Rep Name: Vimala Anishetty  
MPCA Involvement: None  
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  
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  
Public Safety Spill ID: 14931  
Site ID: 0  
Comments: Caller reporting water pipe was unearthed in parking lot and a fuel vapor was discovered. It is not sure at this time if this is a recent spill or a past problem associated with a tank removal. Tank removed in 1993, leak from piping left in place reported in 1998 (leak ID 00010700). Contractor has been hired to do investigation. Caller left a message with MPCA on latest spill and then was told to report spill to DO. Caller is from Corporate Office in Dearborn, Mi.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY FUEL SOIL (Continued)**

**S107561812**

**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:        Soil  
Tmsp Added:                    12/20/2005 13:30:48  
Tmsp Last Updt:               12/20/2005 13:30:48  
Staff Id Last Updt:            KFAUS

**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:                    340874  
Spill Incident Accuracy Id:    181463  
Spill Product Code:            Light Fuel Oil and Diesel  
Spill Qty Units Code:         Gallons  
Spill Incident Accuracy Code: Estimated  
Spill Released Qty:            20  
Tmsp Added:                    12/20/2005 13:30:48  
Tmsp Last Updt:               12/20/2005 13:30:48  
Staff Id Last Updt:            KFAUS

**A3            FORD MOTOR CO**  
**Target       966 S MISSISSIPPI RIVER RD**  
**Property    ST PAUL, MN 55116**

**FTTS    1009514660**  
**N/A**

**Actual:**  
**821 ft.**

**Site 3 of 17 in cluster A**

**FTTS:**

Case Number:                 Not reported  
Docket Number:               TSCA-V-C-040-92  
Complaint Issue Date:        04/07/1992  
Abatement Amount:            35000.0000  
Proposed Penalty:             26000.0000  
Final Assessment:             10100.0000  
Final Order Date:             12/30/1992  
Close Date:                    / /  
Violations(s):                 PCB, Use

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**A4** TWIN CITIES FORD MOTOR ASSEMBLY PLANT  
**Target** 966 S MISSISSIPPI RIVER BLVD  
**Property** ST. PAUL, MN 55116

**UST** U000885862  
 N/A

**Actual:**  
**821 ft.**

**Site 4 of 17 in cluster A**

UST:

TANK:

MPCA Tank Number: 001  
 Tank Registration Date: 05/08/1986 00:00:00  
 Tank Storage Capacity: 20000  
**Tank Status: Removed**  
 Tank Stored Product: Gasoline  
 Tank Construction Material: Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection: Anode  
 Piping Cathodic Protection: Not Needed  
 Piping Material: Fiberglass  
 Second Contain Tank: Fiberglass  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Submersible  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported  
 Piping Material Description: Not reported  
 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: GERMUNDSEN COMPANIES INC  
 Comments: Not reported  
 Date Added: 10/10/1999 10:57:16  
 Date Last Updated: 05/04/2002 07:51:24  
 Staff Id Who Did The Last Update: TANKS  
 In Compliance: Yes  
 Serial Number: Not reported  
 Address Id: 207715  
 Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Tank Action ID: 323734  
 Contractor Number: Not reported  
 Supervisor Number: Not reported  
 Tank Action: Install Tank  
 Action Date: 12/02/1977 00:00:00  
 Action Date Unknown: Not reported  
 Corrosion Expert Name: Not reported  
 Lab Flag: Not reported  
 Date Added: 05/05/2000 08:30:15  
 Date Last Updated: 05/04/2002 07:51:24  
 Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 14  
 Tank Stored Product Desc: GASOLINE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Compartment Cap: 20000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:41  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 001  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 20000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 370452  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41  
Date Last Updated: 05/04/2002 07:51:24

**TANK:**

MPCA Tank Number: 002  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 20000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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: GERMUNDSEN CO INC  
Comments: Not reported  
Date Added: 10/10/1999 10:56:24  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

Tank Action ID: 277578  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 12/02/1977 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 20000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:53  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 002  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 20000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 370455  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41  
Date Last Updated: 05/04/2002 07:51:24

TANK:

MPCA Tank Number: 003  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Piping Material Description: Not reported  
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: GERMUNDSEN COMPANIES  
Comments: Not reported  
Date Added: 10/10/1999 10:57:09  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 317242  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 06/28/1982 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 003  
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 10:58:35  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 003  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 10000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Diesel  
INSREM Product Description: DIESEL  
INSREM Action ID: 370453  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

Date Last Updated: 05/04/2002 07:51:24

TANK:

MPCA Tank Number: 004  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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: GERMUNSDEN COMPANIES  
Comments: Not reported  
Date Added: 10/10/1999 10:56:39  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Tank Action ID: 290810  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 06/28/1982 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 10000  
Heating: Unknown

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Other Desc: Not reported  
Date Added: 10/10/1999 10:58:07  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 004  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 10000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Diesel  
INSREM Product Description: DIESEL  
INSREM Action ID: 370454  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41  
Date Last Updated: 05/04/2002 07:51:24

**TANK:**

MPCA Tank Number: 005  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 6000  
**Tank Status: Removed**  
Tank Stored Product: Hydraulic Fluid  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:24  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 005  
Above Or Underground: Under Ground  
Tank Action ID: 277579  
Contractor Number: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 10/01/1968 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 005  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 15  
Tank Stored Product Desc: BRAKE FLUID  
Compartment Cap: 6000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:53  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 006  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 26500  
**Tank Status: Closed In-Place**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

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 10:57:06  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 006  
Above Or Underground: Under Ground  
Tank Action ID: 311510  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1900 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 26500  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:33  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

TANK:

MPCA Tank Number: 010  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Mineral Spirits  
Tank Construction Material: Unknown  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:54  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 010  
Above Or Underground: Under Ground  
Tank Action ID: 304122  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 11/01/1984 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 010  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 19  
Tank Stored Product Desc: PAINT SOLVENT  
Compartment Cap: 10000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:21  
Date Last Updated: 05/04/2002 07:51:24

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 011  
Tank Registration Date: 05/08/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Mineral Spirits  
Tank Construction Material: Unknown  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:46  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 011  
Above Or Underground: Under Ground  
Tank Action ID: 297415  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 11/01/1984 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 011  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 19  
Tank Stored Product Desc: PAINT SOLVENT  
Compartment Cap: 10000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:14  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 012  
Tank Registration Date: 01/22/1993 00:00:00  
Tank Storage Capacity: 20000  
**Tank Status: Active**  
Tank Stored Product: Gasoline  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Doublewall Pipe  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:32  
Date Last Updated: 05/31/2006 11:54:37  
Staff Id Who Did The Last Update: JHENRY  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 012  
Above Or Underground: Under Ground  
Tank Action ID: 284318  
Contractor Number: 596  
Supervisor Number: 464  
Tank Action: Install Tank  
Action Date: 11/24/1992 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 012  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 20000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:00  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

MPCA Tank Number: 013  
Tank Registration Date: 01/22/1993 00:00:00  
Tank Storage Capacity: 20000  
**Tank Status: Active**  
Tank Stored Product: Gasoline  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Doublewall Pipe  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:39  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 013  
Above Or Underground: Under Ground  
Tank Action ID: 290811  
Contractor Number: 596  
Supervisor Number: 464  
Tank Action: Install Tank  
Action Date: 11/24/1992 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 013  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 20000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:07  
Date Last Updated: 05/04/2002 07:51:24  
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

TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)

U000885862

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 014  
Tank Registration Date: 08/24/1993 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Unregulated  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Impressed Current  
Piping Cathodic Protection: Impressed Current  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:57:01  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 014  
Above Or Underground: Under Ground  
Tank Action ID: 310679  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 09/01/1983 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

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 014  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 28  
Tank Stored Product Desc: WASTE PAINT(Haz. Waste)  
Compartment Cap: 10000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:28  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 015  
Tank Registration Date: 08/24/1993 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Unregulated  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Impressed Current  
Piping Cathodic Protection: Impressed Current  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Comments: Not reported  
Date Added: 10/10/1999 10:57:01  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 015  
Above Or Underground: Under Ground  
Tank Action ID: 310680  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 09/01/1983 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:15  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 015  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 28  
Tank Stored Product Desc: NEVER USED  
Compartment Cap: 10000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:28  
Date Last Updated: 05/04/2002 07:51:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 192868  
Above Or Underground: Under Ground

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**TWIN CITIES FORD MOTOR ASSEMBLY PLANT (Continued)**

**U000885862**

Facility Code:                    19  
 Indian Reservation:            No  
 UST Registration Date:        05/08/1986 00:00:00  
 AST Registration Date:        Not reported  
 Date Added:                    07/23/1992 19:11:05  
 Date Last Updated:            05/23/2003 09:21:00  
 Staff Id Who Did The Last Update:    SYS  
 Max Monthly Gallons:        Not reported  
 Vapor Recovery Installed:    Unknown  
 Vapor Notify Required:        Unknown

**LATLONG:**

Program Id:                    Not reported  
 Latlong ID:                    Not reported  
 Latitude Degrees:            Not reported  
 Latitude Minutes:            Not reported  
 Latitude Seconds:            Not reported  
 Longitude Degrees:            Not reported  
 Longitude Minutes:            Not reported  
 Longitude Seconds:            Not reported  
 Collection Date:            Not reported  
 Latlong Description:        Not reported  
 TMSP Added:                Not reported  
 Date Last Updated:        Not reported  
 Staff Id Last Updated:      Not reported  
 Coord Source Type:        Not reported  
 Org Name Source:            Not reported  
 Coord Coll Meth:            Not reported  
 Map Scale Code:            Not reported  
 Source:                      Not reported  
 Site ID:                      Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**A5            CONVOY CO**  
**Target      966 S MISSISSIPPI RIVER BLVD**  
**Property    ST. PAUL, MN 55116**

**UST    U003907525**  
**N/A**

**Actual:      Site 5 of 17 in cluster A**  
**821 ft.      UST:**

**TANK:**  
 MPCA Tank Number:        001  
 Tank Registration Date:    08/16/1991 00:00:00  
 Tank Storage Capacity:    2000  
**Tank Status:                Removed**  
 Tank Stored Product:      Diesel  
 Tank Construction Material:    Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection:    None  
 Piping Cathodic Protection:    None  
 Piping Material:            Steel/Iron  
 Second Contain Tank:        Steel/Iron  
 Second Contain Pipe:        Not reported  
 Tank Dispenser:            Suction  
 Above/ Under Ground:      Under Ground  
 AST Base Material:        Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U003907525

Piping Material Description: Not reported  
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 10:56:29  
Date Last Updated: 05/04/2002 08:29:03  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 207715  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 849804  
Contractor Number: 178  
Supervisor Number: 4424  
Tank Action: Remove Tank  
Action Date: 06/22/1992 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:44  
Date Last Updated: 05/04/2002 08:29:03  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 2000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:57  
Date Last Updated: 05/04/2002 08:29:03  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**CONVOY CO (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Site

**U003907525**

Date Last Updated: Not reported

**TABSITE:**

Program Interest Id: 203877  
 Above Or Underground: Under Ground  
 Facility Code: 19  
 Indian Reservation: No  
 UST Registration Date: 08/16/1991 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

**LATLONG:**

Program Id: Not reported  
 Latlong ID: Not reported  
 Latitude Degrees: Not reported  
 Latitude Minutes: Not reported  
 Latitude Seconds: Not reported  
 Longitude Degrees: Not reported  
 Longitude Minutes: Not reported  
 Longitude Seconds: Not reported  
 Collection Date: Not reported  
 Latlong Description: Not reported  
 TMSP Added: Not reported  
 Date Last Updated: Not reported  
 Staff Id Last Updated: Not reported  
 Coord Source Type: Not reported  
 Org Name Source: Not reported  
 Coord Coll Meth: Not reported  
 Map Scale Code: Not reported  
 Source: Not reported  
 Site ID: Not reported

**A6 FORD MOTOR COMPANY**  
**Target 966 S MISSISSIPPI RIVER BLVD**  
**Property ST PAUL, MN 55116**

**PADS 1000183665**  
**FINDS 55116FRDMT96**  
**RCRA-LQG**  
**TRIS**  
**CERC-NFRAP**  
**FTTS**

**Site 6 of 17 in cluster A**

**Actual:  
 821 ft.**

**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.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

FRP

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System) facilitates the issuance of permits and manages compliance

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

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.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

FORD MOTOR COMPANY (Continued)

1000183665

RCRAInfo:  
Owner: NAME NOT REPORTED  
(312) 555-1212  
EPA ID: MND006207773  
Contact: T RUONAVAR  
(612) 699-1321  
Classification: Large Quantity Generator  
TSDF Activities: Not reported

BIENNIAL REPORTS:  
Last Biennial Reporting Year: 2003

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	998797.13	D018	344.31
D035	3356.21	F003	39437.44
F005	39437.44	F009	352980.00

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR AIR EMISSIONS SUBPART AA BB CC
Date Violation Determined:	06/08/2002
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/06/2003
Penalty Type:	Final Monetary Penalty
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	08/28/1986
Penalty Type:	Final Monetary Penalty
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	10/17/1986
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	06/04/1998
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	10/06/1998
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	06/04/1998
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	10/06/1998
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/04/1998
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	10/06/1998
Penalty Type:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	04/23/1992
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	07/27/1992
Penalty Type:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	07/22/1993
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	04/23/1992
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	07/27/1992
Penalty Type:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	07/22/1993
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined:	04/23/1992
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	07/27/1992
Penalty Type:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	07/22/1993
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	04/23/1992
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	07/27/1992
Penalty Type:	Final Monetary Penalty
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	07/22/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EXECUTED STIPULATION AGREEMENT
Enforcement Action Date:	05/04/1994
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	04/23/1992
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	07/27/1992
Penalty Type:	Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: Not reported

Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Not reported

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: Not reported

Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Final Monetary Penalty

Enforcement Action: EXECUTED STIPULATION AGREEMENT  
Enforcement Action Date: 05/04/1994  
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: Not reported

Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Final Monetary Penalty

Enforcement Action: EXECUTED STIPULATION AGREEMENT  
Enforcement Action Date: 05/04/1994  
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: 10/11/1994

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Final Monetary Penalty

Enforcement Action: EXECUTED STIPULATION AGREEMENT  
Enforcement Action Date: 05/04/1994  
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: 10/11/1994  
Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Not reported  
Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Not reported  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: 10/11/1994  
Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Final Monetary Penalty  
Enforcement Action: EXECUTED STIPULATION AGREEMENT  
Enforcement Action Date: 05/04/1994  
Penalty Type: Final Monetary Penalty  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: 10/11/1994  
Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Final Monetary Penalty  
Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Final Monetary Penalty  
Enforcement Action: EXECUTED STIPULATION AGREEMENT  
Enforcement Action Date: 05/04/1994  
Penalty Type: Final Monetary Penalty  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 04/23/1992  
Actual Date Achieved Compliance: Not reported  
Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 07/27/1992  
Penalty Type: Not reported  
Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 07/22/1993  
Penalty Type: Not reported  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 08/05/1991  
Actual Date Achieved Compliance: Not reported  
Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

Enforcement Action Date:	08/20/1990
Penalty Type:	Not reported
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	01/04/1991
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	08/05/1991
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	06/25/1991
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	06/25/1991
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	08/20/1990
Penalty Type:	Final Monetary Penalty
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	01/04/1991
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EXECUTED STIPULATION AGREEMENT
Enforcement Action Date:	06/25/1991
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	06/25/1991
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	06/25/1991
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	NOTICE OF INTENT TO PURSUE LEGAL ACTION
Enforcement Action Date:	08/20/1990
Penalty Type:	Final Monetary Penalty
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	01/04/1991
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EXECUTED STIPULATION AGREEMENT
Enforcement Action Date:	06/25/1991
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	03/13/1990
Actual Date Achieved Compliance:	08/05/1991
Enforcement Action:	EXECUTED STIPULATION AGREEMENT
Enforcement Action Date:	06/25/1991
Penalty Type:	Final Monetary Penalty

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

Regulation Violated: Not reported  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 03/13/1990  
Actual Date Achieved Compliance: 08/05/1991

Enforcement Action: NOTICE OF INTENT TO PURSUE LEGAL ACTION  
Enforcement Action Date: 08/20/1990  
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 01/04/1991  
Penalty Type: Final Monetary Penalty

Enforcement Action: EXECUTED STIPULATION AGREEMENT  
Enforcement Action Date: 06/25/1991  
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 01/07/1988  
Actual Date Achieved Compliance: 08/05/1991

Regulation Violated: Not reported  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 01/07/1988  
Actual Date Achieved Compliance: 08/05/1991

Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/02/1987  
Actual Date Achieved Compliance: 01/11/1988

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 10/01/1987  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 09/02/1987  
Actual Date Achieved Compliance: 01/11/1988

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 10/01/1987  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/02/1987  
Actual Date Achieved Compliance: 01/11/1988

Enforcement Action: VIOLATION NOTICE (VN)  
Enforcement Action Date: 10/01/1987  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
Date Violation Determined: 08/21/1986  
Actual Date Achieved Compliance: 06/05/1987

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement Action Date: 02/06/2003  
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**1000183665**

Enforcement Action Date: 08/28/1986  
 Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)  
 Enforcement Action Date: 10/17/1986  
 Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 08/21/1986  
 Actual Date Achieved Compliance: 06/05/1987

Enforcement Action: VIOLATION NOTICE (VN)  
 Enforcement Action Date: 08/28/1986  
 Penalty Type: Not reported

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	2/6/2003	244000	EPA
Final Monetary Penalty	5/4/1994	146100	STATE
Final Monetary Penalty	6/25/1991	52370	STATE

There are 32 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Not a Significant Non-Complier (SNC)	GENERATOR AIR EMISSIONS SUBPART AA BB CC	
Non-Financial Record Review	GENERATOR AIR EMISSIONS SUBPART AA BB CC	
A Significant Non-Complier (SNC)	GENERATOR AIR EMISSIONS SUBPART AA BB CC	
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-MANIFEST REQUIREMENTS	
	GENERATOR-MANIFEST REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-OTHER REQUIREMENTS	19941011
	GENERATOR-LAND BAN REQUIREMENTS	19941011
	GENERATOR-LAND BAN REQUIREMENTS	19941011
	GENERATOR-GENERAL REQUIREMENTS	19941011
Compliance Schedule Evaluation	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
Compliance Schedule Evaluation	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	
Other Evaluation	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19910805
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19910805
Compliance Schedule Evaluation	GENERATOR-GENERAL REQUIREMENTS	19910805
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19910805
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19880111
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19880111
Land Disposal Restriction Requirements Insp	GENERATOR-GENERAL REQUIREMENTS	19880111
Compliance Evaluation Inspection	GENERATOR-MANIFEST REQUIREMENTS	19870605

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FORD MOTOR COMPANY (Continued)**

GENERATOR-GENERAL REQUIREMENTS

Database(s)  
EPA ID Number

EDR ID Number  
EPA ID Number

1000183665

19870605

CERC-NFRAP:

Site ID: 0503724  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 08/01/1980  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 02/01/1984  
Priority Level: Low

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 02/07/1990  
Priority Level: NFRAP (No Further Remedial Action Planned)

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 02/07/1990  
Priority Level: Not reported

FTTS INSP:

Inspection Number: 19920127MN002 1  
Region: 05  
Inspection Date: Not reported  
Inspector: TORMANEN  
Violation occurred: Yes  
Investigation Type: Section 6 PCB State Conducted  
Investigation Reason: For Cause, Private Citizen/Press Complaint  
Legislation Code: TSCA  
Facility Function: User

FTTS INSP:

Inspection Number: 19920127MN002 1  
Region: 05  
Inspection Date: Not reported  
Inspector: TORMANEN  
Violation occurred: Yes  
Investigation Type: Section 6 PCB State Conducted  
Investigation Reason: For Cause, Private Citizen/Press Complaint  
Legislation Code: TSCA  
Facility Function: User

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A7**      **FORD MOTOR COMPANY**  
**Target**    **966 MISSISSIPPI RIVER BLVD S**  
**Property**   **ST. PAUL, MN 55116**

**MN Enforcement**    **S100746286**  
    **N/A**

**Site 7 of 17 in cluster A**

**Actual:**  
**821 ft.**

**MN Enforcement Log :**

Facility ID:                    MND006207773  
 Effective End Date:        02/06/2003  
 Enforcement Type:        310:FINAL 3008(A) COMPLIANCE ORDER  
 Copliance Status:         Not In Compliance  
 Lead Agency:                EPA  
 Final Penalty:               \$16,000.00  
 Sequence:                    1  
 Payment Date:              03/04/2003  
 Amount:                      \$244,000.00

Facility ID:                    MND006207773  
 Effective End Date:        10/06/1998  
 Enforcement Type:        121:Letter of Warning (LOW)  
 Copliance Status:         12/24/1998  
 Lead Agency:                State  
 Final Penalty:               Not reported  
 Sequence:                    Not reported  
 Payment Date:              Not reported  
 Amount:                      Not reported

Facility ID:                    MND006207773  
 Effective End Date:        05/04/1994  
 Enforcement Type:        313:EXECUTED STIPULATION AGREEMENT  
 Copliance Status:         10/11/1994  
 Lead Agency:                State  
 Final Penalty:               \$146,100.00  
 Sequence:                    Not reported  
 Payment Date:              Not reported  
 Amount:                      Not reported

Facility ID:                    MND006207773  
 Effective End Date:        07/22/1993  
 Enforcement Type:        121:Letter of Warning (LOW)  
 Copliance Status:         10/11/1994  
 Lead Agency:                State  
 Final Penalty:               Not reported  
 Sequence:                    Not reported  
 Payment Date:              Not reported  
 Amount:                      Not reported

Facility ID:                    MND006207773  
 Effective End Date:        07/27/1992  
 Enforcement Type:        122:Notice of Violation (NOV)  
 Copliance Status:         10/11/1994  
 Lead Agency:                State  
 Final Penalty:               Not reported  
 Sequence:                    Not reported  
 Payment Date:              Not reported  
 Amount:                      Not reported

Facility ID:                    MND006207773  
 Effective End Date:        06/25/1991

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**S100746286**

Enforcement Type: 313:EXECUTED STIPULATION AGREEMENT  
Copliance Status: 10/11/1994  
Lead Agency: State  
Final Penalty: \$52,370.00  
Sequence: Not reported  
Payment Date: Not reported  
Amount: Not reported

Facility ID: MND006207773  
Effective End Date: 01/04/1991  
Enforcement Type: 121:Letter of Warning (LOW)  
Copliance Status: 10/11/1994  
Lead Agency: State  
Final Penalty: Not reported  
Sequence: Not reported  
Payment Date: Not reported  
Amount: Not reported

Facility ID: MND006207773  
Effective End Date: 08/20/1990  
Enforcement Type: 122:Notice of Violation (NOV)  
Copliance Status: 10/11/1994  
Lead Agency: State  
Final Penalty: Not reported  
Sequence: Not reported  
Payment Date: Not reported  
Amount: Not reported

Facility ID: MND006207773  
Effective End Date: 10/01/1987  
Enforcement Type: 121:Letter of Warning (LOW)  
Copliance Status: 01/11/1988  
Lead Agency: State  
Final Penalty: Not reported  
Sequence: Not reported  
Payment Date: Not reported  
Amount: Not reported

Facility ID: MND006207773  
Effective End Date: 10/17/1986  
Enforcement Type: 121:Letter of Warning (LOW)  
Copliance Status: 06/05/1987  
Lead Agency: State  
Final Penalty: Not reported  
Sequence: Not reported  
Payment Date: Not reported  
Amount: Not reported

Facility ID: MND006207773  
Effective End Date: 08/28/1986  
Enforcement Type: 121:Letter of Warning (LOW)  
Copliance Status: 06/05/1987  
Lead Agency: State  
Final Penalty: Not reported  
Sequence: Not reported  
Payment Date: Not reported  
Amount: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A8**      **FORD MOTOR COMPANY**  
**Target**    **966 S MISSISSIPPI**  
**Property**   **ST. PAUL, MN 55116**

**LUST**    **1003833301**  
**N/A**

**Site 8 of 17 in cluster A**

**Actual:**  
**821 ft.**

**LUST:**

Site ID: 241578  
 MN PCA ID: 216034  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 21  
 File Archive Lot: 97/11  
 Soil Digout Date: Not reported  
 Cubic Yards Excavated: 0  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 12/16/1994 00:00:00**  
 Contaminated Soils Remaining: No  
 Enforcement Action Begin Date: 10/01/1990 00:00:00  
 Lust Trust Eligible: No  
 Offsite Contamination: No  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 09/20/1990 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:45  
 TMSP Last Update: 03/20/2006 15:34:18  
 Staff Id Last Update: JKAEHLE  
 Release From AST: No  
 Release From UST: Yes  
 Tank Registration Status Code: S  
 VPIC Application Date: Not reported  
 VPIC Acres: Not reported  
 Facility Addr 2: Not reported  
 Leak ID: 3262  
 Addr Id: 274684  
 Township Name: White Bear  
 Active Flag: No  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
 State County Code: 62  
 Interest Type: LS  
 Interest Phone: NO CORE PI PH.  
 Interest Start Date: 08/26/1996 00:00:00  
 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: 216034  
 TMSP Added: 12/04/1999 14:05:11

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTOR COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1003833301

TMSP Last Update: 05/04/2002 09:10:29  
Staff Id Last Update: TANKS  
MN PCA ID: 216034  
TMSP Added: 12/04/1999 14:05:13  
TMSP Last Update: 05/04/2002 09:10:29  
Staff Id Last Update: TANKS

LEAK GW INFO:

MN PCA ID: 216034  
Dw Supply Contam: No  
Free Product Observed: No  
Free Product Thickness: 0  
Ground Water Contam: Yes  
Gw Cleanup Goal: 100  
Gw Exceeds Cleanup Goal: No  
Cleanup Goal Achieved: Yes  
Water Supply Exceeds Ral: No  
Well Type Code: Not reported  
Impacted Aquifer Code: 3  
TMSP Added: 12/04/1999 14:07:29  
TMSP Last Update: 11/04/2003 12:57:06  
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: 216034  
Prod Released Sequence Id: 402631  
Leak Product Code: Fuel Oil 4 and 6  
Tmsp Added: 12/27/1999 12:59:08  
Tmsp Last\_updt: 05/04/2002 09:10:29  
Staff Id Last Updt: TANKS

A9  
Target  
Property

FORD MOTOR COMPANY TWIN CITIES ASSEMBLY PLANT  
966 S. MISSISSIPPI RIVER BLVD.  
SAINT PAUL, MN 55116

ICIS 1009265672  
N/A

Actual:  
821 ft.

Site 9 of 17 in cluster A

ICIS:  
EFA Enforcement Action ID: 05-1992-0170  
ICIS Facility ID: 30581  
EFA Enforcement Action Type: TSCA 16 Action For Penalty  
Action Date: 12/30/1992  
Facility County: RAMSEY  
Region #: 5  
  
EFA Enforcement Action ID: 05-1999-0289  
ICIS Facility ID: 30581  
EFA Enforcement Action Type: CAA 113 Notice Of Violation  
Action Date: 08/06/1999

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FORD MOTOR COMPANY TWIN CITIES ASSEMBLY PLANT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Facility County: RAMSEY  
 Region #: 5

1009265672

**A10** **FORD MOTOR CO TWIN CITIES ASSEMBLY**  
**Target** **966 S MISSISSIPPI RIVER BLVD**  
**Property** **SAINT PAUL, MN 55116**

**ICIS** **1009265649**  
**N/A**

**Site 10 of 17 in cluster A**

**Actual:**  
**821 ft.**

ICIS:  
 EFA Enforcement Action ID: 05-2003-4085  
 ICIS Facility ID: 30583  
 EFA Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty  
 Action Date: / /  
 Facility County: RAMSEY  
 Region #: 5

**A11** **FORD MOTOR COMPANY**  
**Target** **966 MISSISSIPPI BLVD**  
**Property** **ST. PAUL, MN 55116**

**LUST** **S106548971**  
**N/A**

**Site 11 of 17 in cluster A**

**Actual:**  
**821 ft.**

LUST:  
 Site ID: 243342  
 MN PCA ID: 219013  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 06  
 File Archive Lot: 96/307  
 Soil Digout Date: 06/02/1993 00:00:00  
 Cubic Yards Excavated: 150  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 04/21/1994 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 06/07/1993 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 06/02/1993 00:00:00  
 Leak Reported Date: 06/02/1993 00:00:00  
 Std Letter Response Date: 07/16/1993 00:00:00  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:47  
 TMSP Last Update: 03/20/2006 15:33:40  
 Staff Id Last Update: JKAEHLE  
 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: 6373  
 Addr Id: 266048  
 Township Name: White Bear  
 Active Flag: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTOR COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site \_\_\_\_\_ S106548971

Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 06/25/1996 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 219013  
Dw Supply Contam: Not reported  
Free Product Observed: No  
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: 219013  
Prod Released Sequence Id: 321498  
Leak Product Code: Gasoline Regular  
Tmsp Added: 12/04/1999 14:04:33  
Tmsp Last\_updt: 05/04/2002 09:21:24  
Staff Id Last Updt: TANKS  
MN PCA ID: 219013  
Prod Released Sequence Id: 324781

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FORD MOTOR COMPANY (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S106548971**

Leak Product Code: Diesel  
 Tmsp Added: 12/04/1999 14:04:36  
 Tmsp Last\_updt: 05/04/2002 09:21:24  
 Staff Id Last Updt: TANKS

**A12 Target Property**  
**FORD - TWIN CITIES ASSEMBLY PLANT**  
**966 SOUTH MISSISSIPPI RIVER BOULEVARD**  
**ST. PAUL, MN**

**MN DEL PLP S105588256**  
**N/A**

**Site 12 of 17 in cluster A**

**Actual:**  
**821 ft.**

Deleted PLP:  
 On NPL: No  
 Score: 8  
 Priority Class: C: Response Action Design and ImplementationD: Remedial Investigation, Feasibility Study  
 Site Desc: Past disposal of unknown quantities of paint sludges, waste solvents and oils occurred at several locations on Ford property until 1966. One four acre disposal site is located approximately 500 feet from Mississippi River. Low-level contamination (metals and solvents) has been detected at several shallow ground water monitoring wells at the four acre disposal site; potential contamination of surface water, ground water and soils exists at other locations.tals and solvents) has been detected at several shallow ground water monitoring wells at the four acre disposal site; potential contamination of surface water, ground water and soils exists at other locations.  
 Action Taken: The MPCA requested Ford Motor Company undertake hydrogeologic study of disposal site in August 1981.Ford study commenced November 1981; eventual installation of five ground water monitoring wells; sampling has indicated low-level solvent and metals contamination of ground water.Hydrogeologic Engineering Evaluation report submitted February 1982.Ford identified in 1983, an additional disposal site located north of four acre site.Ford began an investigation in July 1989, into the disposal area identified in 1983 with the installation of monitoring wells and soil borings.Physical hazards remediated at four acre site March - April 1990.Request for Response Action issued for assessment and remediation of site June 1990.RI/FS workplan implemented spring 1991.  
 Action Needed: Conduct Remedial Investigation and Feasibility Study.Design and implement Response Actions.  
 Current Status: Not reported  
 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

**A13 Target Property**  
**FORD MOTOR CO**  
**966 S MISSISSIPPI RIVER BLVD**  
**ST PAUL, MN 55116**

**FTTS 1008180266**  
**N/A**

**Site 13 of 17 in cluster A**

**Actual:**  
**821 ft.**

FTTS INSP:  
 Inspection Number: 19890817MN102 1  
 Region: 05  
 Inspection Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FORD MOTOR CO (Continued)**

EDR ID Number  
 EPA ID Number

**1008180266**

Inspector: TORMANEN  
 Violation occurred: Yes  
 Investigation Type: Section 6 PCB State Conducted  
 Investigation Reason: Neutral Scheme, State  
 Legislation Code: TSCA  
 Facility Function: User

**FTTS INSP:**

Inspection Number: 19890817MN102 1  
 Region: 05  
 Inspection Date: Not reported  
 Inspector: TORMANEN  
 Violation occurred: Yes  
 Investigation Type: Section 6 PCB State Conducted  
 Investigation Reason: Neutral Scheme, State  
 Legislation Code: TSCA  
 Facility Function: User

**A14 FORD MOTORS TWIN CITY ASSEMBLY PLANT**  
**Target 966 S MISSISSIPPI RIVER BLVD**  
**Property ST. PAUL, MN 55116**

**SHWS 1003052465**  
**LUST N/A**  
**MN Spills**  
**MN LS**  
**AST**  
**LAST**

**Site 14 of 17 in cluster A**

**Actual:  
 821 ft.**

**SHWS:**  
 Site Id: SR24  
 Facility Address 2: Not reported  
 Link Id: 132  
 Site Type: Other Mfg.  
 Active?: No  
 MPCA Region: Metro  
 Site Size: 0  
 Score: 0  
 Enforcement Lead Agency: MPCA  
 Federal Deferral Pilot?: No  
 Site Classification A Emergency: No  
 Site Classification B O and m: No  
 Site Classification C Rd/ra: No  
 Site Classification D Ri/fs: No  
 Fund Financed: No  
 On NPL: No  
 Plp: Yes  
 District: Metro  
 Program Site Was Referred From: Not reported  
 Program Interest: SF  
 Physical Location: None  
 Natural Resource Damage: No  
 Cleanup Cost: 0  
 Indian Reservation Land?: No  
 Reservation Name: Not reported  
 MPCA-owned Wells At Site?: No  
 Created By: GLKrueger  
 Created Date: 10/28/98  
 Last Update Date: 02/09/05  
 Federal Facility?: False  
 Primary Funding Source: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Epa Id: MND006207773  
 MPCA Id: Not reported  
 Basin code: 2  
 Major water: 20  
 Minor water: 0  
 Notes: long term ground water monitoring and removal O&M is conducted to monitor release from HW UST

**LUST:**

Site ID: 216206  
 MN PCA ID: 218013  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 19  
 File Archive Lot: 96/53  
 Soil Digout Date: 06/23/1992 00:00:00  
 Cubic Yards Excavated: 150  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 09/09/1992 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 06/30/1992 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 06/22/1992 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: 04/17/2006 16:17:07  
 Staff Id Last Update: JDIETZ  
 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: 5343  
 Addr Id: 207715  
 Township Name: White Bear  
 Active Flag: No  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
 State County Code: 62  
 Interest Type: LS  
 Interest Phone: NO CORE PI PH.  
 Interest Start Date: 09/04/1992 00:00:00  
 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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 218013  
Dw Supply Contam: Not reported  
Free Product Observed: No  
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 14:07:30  
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: 218013  
Prod Released Sequence Id: 326436  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/04/1999 14:04:41  
Tmsp Last\_updt: 05/04/2002 09:17:43  
Staff Id Last Updt: TANKS

Site ID: 216206  
MN PCA ID: 223130  
Leak Site: Both Leak and Property Transfer Site  
File Archive Box: 12  
File Archive Lot: 01/015  
Soil Digout Date: 03/05/1998 00:00:00  
Cubic Yards Excavated: 3078  
Cond Closure Date: Not reported  
**Complete Site Closure Date: 02/27/1998 00:00:00**  
Contaminated Soils Remaining: S  
Enforcement Action Begin Date: 09/05/1997 00:00:00  
Lust Trust Eligible: Yes  
Offsite Contamination: No  
Reimbursement Awarded: No  
Release Discovered Date: Not reported  
Leak Reported Date: 06/30/1997 00:00:00  
Std Letter Response Date: 11/03/1997 00:00:00



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Surface Water Impact: No  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:51  
TMSP Last Update: 09/11/2006 16:05:40  
Staff Id Last Update: SVANPAT  
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: 10700  
Addr Id: 207715  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 05/27/1998 10:05:34  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 223130  
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: No  
Well Type Code: Not reported  
Impacted Aquifer Code: 3  
TMSP Added: 12/04/1999 14:07:34  
TMSP Last Update: 09/27/2005 08:15:19  
Staff Id Last Update: SVANPAT  
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

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Mtbe High Level Date: Not reported  
Free Product At Close: No  
Staff Id Ass: 3301  
PWS Well: Not reported  
Prot Flag: Not reported  
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 223130  
Prod Released Sequence Id: 323773  
Leak Product Code: Gasoline, Type Unknown  
Tmsp Added: 12/04/1999 14:04:35  
Tmsp Last\_updt: 05/04/2002 09:36:20  
Staff Id Last Updt: TANKS  
MN PCA ID: 223130  
Prod Released Sequence Id: 325177  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/04/1999 14:04:37  
Tmsp Last\_updt: 05/04/2002 09:36:20  
Staff Id Last Updt: TANKS

Site ID: 0  
MN PCA ID: 224636  
Leak Site: Million Gallon Plus Facility Leak 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: 02/05/2004 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: Not reported  
Leak Reported Date: Not reported  
Std Letter Response Date: Not reported  
Surface Water Impact: No  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:52  
TMSP Last Update: 03/20/2006 15:35:16  
Staff Id Last Update: JKAEHLE  
Release From AST: Yes  
Release From UST: Yes  
Tank Registration Status Code: FS  
VPIC Application Date: Not reported  
VPIC Acres: Not reported  
Facility Addr 2: Not reported  
Leak ID: 12247  
Addr Id: 207715  
Township Name: Not reported  
Active Flag: Not reported  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Interest Phone: 6516960585  
Interest Start Date: 09/14/1999 00:00:00  
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: Background information is currently\n being reviewed including the superfund file retrieved from archives.\n 2/5/2004 SITE CLOSED by DRB

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 224636  
Dw Supply Contam: Not reported  
Free Product Observed: Not reported  
Free Product Thickness: Not reported  
Ground Water Contam: Not reported  
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 14:07:35  
TMSP Last Update: 11/04/2003 12:57:08  
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: 224636  
Prod Released Sequence Id: 26829  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 03/06/2002 09:08:56  
Tmsp Last\_updt: 05/04/2002 09:41:41  
Staff Id Last Updt: TANKS

MN SPILL:

Program Id: 177138  
Township Name: Not reported  
Interest Type: SP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

Addr Id: 207715  
Interest Phone: Not reported  
Preferred Id: 19220  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:20  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3234  
MPCA Project Manager Initials: 3234  
Spill Site Closure Date: 03/04/1994 00:00:00  
Sp Rep Desc: ROGER MARTIN  
Spill Date: 03/04/1994 00:00:00  
Spill Reported Date: 03/04/1994 00:00:00  
Init Cause Code: Truck/Vehicle Cargo  
Init Cause Desc: TRUCK BROKE FUEL LIN  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Action Taken: Not reported  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: \*NO FILE\*

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  
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:  
Program ID: 177138  
Spill Incident Accuracy Id: 71440  
Spill Product Code: Light Fuel Oil and Diesel  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 20  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 05/04/2002 07:00:44  
Staff Id Last Updt: TANKS

Program Id: 231963  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 207715  
Interest Phone: Not reported  
Preferred Id: 55284  
Interest Start Date: 08/27/2001 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 08/27/2001 12:27:44  
Tmsp Last Updt: 06/19/2002 16:58:25  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Response Completed**  
Sp Rep Code: Refer To GWSW  
Report Taken By Initials: 3236  
MPCA Project Manager Initials: 3236  
Spill Site Closure Date: 08/27/2001 00:00:00  
Sp Rep Desc: Jason Zarbo  
Spill Date: 07/21/2001 00:00:00  
Spill Reported Date: 07/21/2001 00:00:00  
Init Cause Code: Equipment Failure  
Init Cause Desc: equipment problem  
Initial Source Code: 6  
Priority Code: Not reported  
Archive Lot: Not reported  
Archive Box: Not reported  
Rep Phone: 6122827135  
Rep Name: Not reported  
MPCA Involvement: Limited  
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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: \*\*No file\*\* Caller witnessed rainbow sheen extending 300 feet downstream on river from hydroelectric plant. Caller is doing a fish study at the river dam for Ford and getting material on nets.

MN SPILL ACTION:

Spill Action Code: Not reported  
Spill Action Person: Not reported  
Spill Action Date: Not reported  
Tmsp Added: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tmsp Last Updt: Not reported  
Staff Id Last Updt: Not reported

**MN SPILL AFFECTED DESCRIPTION:**  
Spill Inc. Affect Code: Stream Or River  
Tmsp Added: 08/27/2001 12:27:44  
Tmsp Last Updt: 05/04/2002 10:05:39  
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: 231963  
Spill Incident Accuracy Id: 155653  
Spill Product Code: Hydraulic Fluid  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Estimated  
Spill Released Qty: 5  
Tmsp Added: 08/27/2001 12:27:44  
Tmsp Last Updt: 05/04/2002 10:05:39  
Staff Id Last Updt: TANKS

**MN LS:**  
Link ID: 132  
Facility Name 2: Not reported  
EPA ID: MND006207773  
MPCA ID: SR24  
Method: I1  
CERCLIS: No  
National Priorities List: No  
PLP: No  
Voluntary Cleanup & Investigation: No  
RCRA Treatment Storage & Disposal: No  
RCRA Generator: Yes  
Solid Waste Permit: No  
Dumps: Yes  
No Further Remedial Action Planned: Yes  
Delisted From PLP By MPCA: Yes  
LCP: No  
Brownfield: No  
Entity Type: DPLP

AST:

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

TANK:

MPCA Tank Number: 1001  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4000  
Tank Status: Active  
Tank Stored Product: Chemical Acidic  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1001  
Above Or Underground: Above Ground  
Tank Action ID: 823963  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1984 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1001  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 5  
Tank Stored Product Desc: SULFURIC ACID  
Compartment Cap: 4000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
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

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1002  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4000  
Tank Status: Active  
Tank Stored Product: Chemical Caustic  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1002  
Above Or Underground: Above Ground  
Tank Action ID: 823974  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1984 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1002  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 6  
Tank Stored Product Desc: SODIUM HYDROXIDE  
Compartment Cap: 4000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1003  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 3600  
Tank Status: Active  
Tank Stored Product: Chemical Acidic  
Tank Construction Material: PVC/Fiberglass/Synth/Rubber  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
Unregulated Tank Registration Date: Not reported  
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

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Staff Id Who Did The Last Update: RSUCHAN  
In Compliance: Yes  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1003  
Above Or Underground: Above Ground  
Tank Action ID: 823977  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1003  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 5  
Tank Stored Product Desc: CHEMICAL ACIDIC  
Compartment Cap: 3600  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1004  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 65000  
Tank Status: Temporarily Closed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/04/2002 08:46:55  
AST Base Material: Synthetic Liner  
Piping Material Desc: STEEL/IRON  
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: TANKS  
In Compliance: Not reported  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1004  
Above Or Underground: Above Ground  
Tank Action ID: 823751  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1004  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: DUMP TANK  
Compartment Cap: 65000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: Not reported  
Tank Construction Material Code: Not reported  
Piping Material: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Piping Material Desc: Not reported  
Total Tank Capacity Quantity: Not reported  
Staff Id Who Did The Last Update: 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

**TANK:**

MPCA Tank Number: 1005  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 65000  
Tank Status: Temporarily Closed  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/04/2002 08:46:55  
AST Base Material: Synthetic Liner  
Piping Material Desc: STEEL/IRON  
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: TANKS  
In Compliance: Not reported  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1005  
Above Or Underground: Above Ground  
Tank Action ID: 823752  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
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

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

TANK COMPARTMENT:  
MPCA Tank Number: 1005  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: DUMP TANK  
Compartment Cap: 65000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
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  
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

TANK:  
MPCA Tank Number: 1006  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 90000  
Tank Status: Temporarily Closed  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/04/2002 08:46:55  
AST Base Material: Synthetic Liner  
Piping Material Desc: STEEL/IRON  
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: TANKS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

In Compliance: Not reported  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1006  
Above Or Underground: Above Ground  
Tank Action ID: 823753  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1006  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: DUMP TANK  
Compartment Cap: 90000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1007  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 12000  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1007  
Above Or Underground: Above Ground  
Tank Action ID: 823754  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1984 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1007  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: E-COAT PRIMER  
Compartment Cap: 12000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
INSREM Product: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

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

**TANK:**

MPCA Tank Number: 1008  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4000  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Other  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: Unknown Or Other Base  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1008  
Above Or Underground: Above Ground  
Tank Action ID: 823755  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1984 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1008  
Above Or Underground: Above Ground  
Compartment Number: 1

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tank Stored Product Code: 7  
 Tank Stored Product Desc: PAINT DETACKIFIER  
 Compartment Cap: 4000  
 Heating: Not reported  
 Other Desc: Not reported  
 Date Added: 10/10/1999 10:59:07  
 Date Last Updated: 05/04/2002 08:46:55  
 Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
 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

**TANK:**

MPCA Tank Number: 1009  
 Tank Registration Date: 06/04/1990 00:00:00  
 Tank Storage Capacity: 750000  
 Tank Status: Temporarily Closed  
 Tank Stored Product: Other Substance  
 Tank Construction Material: Metal  
 Tank Cathodic Protection: Not reported  
 Piping Cathodic Protection: Not reported  
 Piping Material: Steel/Iron  
 Second Contain Tank: Not reported  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Not reported  
 Above/Under Ground: Above Ground  
 Serial Number: Not reported  
 Date Added: 10/10/1999 10:57:47  
 Date Last Updated: 05/04/2002 08:46:55  
 AST Base Material: Unknown Or Other Base  
 Piping Material Desc: STEEL/IRON  
 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: TANKS  
 In Compliance: Not reported  
 Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1009

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Above Or Underground: Above Ground  
Tank Action ID: 823756  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1984 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1009  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: EMPTY  
Compartment Cap: 750000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1010  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 5500  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1010  
Above Or Underground: Above Ground  
Tank Action ID: 823964  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1969 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1010  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: R-134 Refrigerant  
Compartment Cap: 5500  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Date Last Updated: Not reported

TANK:

MPCA Tank Number: 1011  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1011  
Above Or Underground: Above Ground  
Tank Action ID: 823965  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1011  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: WINDSHIELD WASHER FL  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported

1003052465

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1012  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1012  
Above Or Underground: Above Ground  
Tank Action ID: 823966  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1012  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: WINDSHIELD WASHER FL  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1013  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1013  
Above Or Underground: Above Ground  
Tank Action ID: 823967  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1013  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: WINDSHIELD WASHER FL  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

MPCA Tank Number: 1014  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Antifreeze  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1014  
Above Or Underground: Above Ground  
Tank Action ID: 823968  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1014  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 2  
Tank Stored Product Desc: ANTIFREEZE  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
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

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number:            1015  
Tank Registration Date:        06/04/1990 00:00:00  
Tank Storage Capacity:        4800  
Tank Status:                    Active  
Tank Stored Product:         Antifreeze  
Tank Construction Material:    Metal  
Tank Cathodic Protection:    Not reported  
Piping Cathodic Protection:    Not reported  
Piping Material:                Steel/Iron  
Second Contain Tank:         Not reported  
Second Contain Pipe:         Not reported  
Tank Dispenser:                Not reported  
Above/Under Ground:         Above Ground  
Serial Number:                 Not reported  
Date Added:                    10/10/1999 10:57:47  
Date Last Updated:            05/06/2004 07:16:39  
AST Base Material:             On Concrete  
Piping Material Desc:         STEEL/IRON  
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  
Facility Addr 2:                Not reported

TANK ACTION:

MPCA Tank Number:            1015  
Above Or Underground:        Above Ground  
Tank Action ID:                823969  
Contractor Number:            Not reported  
Supervisor Number:            Not reported  
Tank Action:                    Install Tank  
Action Date:                    01/01/1923 00:00:00  
Action Date Unknown:         Not reported  
Corrosion Expert Name:        Not reported  
Lab Flag:                        Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1015  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 2  
Tank Stored Product Desc: ANTIFREEZE  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1016  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
Unregulated Tank Registration Date: Not reported  
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

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Staff Id Who Did The Last Update: RSUCHAN  
In Compliance: Yes  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1016  
Above Or Underground: Above Ground  
Tank Action ID: 823970  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1016  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: WINDSHIELD WASHER FL  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1017  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tank Stored Product: Antifreeze  
 Tank Construction Material: Metal  
 Tank Cathodic Protection: Not reported  
 Piping Cathodic Protection: Not reported  
 Piping Material: Steel/Iron  
 Second Contain Tank: Not reported  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Not reported  
 Above/Under Ground: Above Ground  
 Serial Number: Not reported  
 Date Added: 10/10/1999 10:57:47  
 Date Last Updated: 05/06/2004 07:16:39  
 AST Base Material: On Concrete  
 Piping Material Desc: STEEL/IRON  
 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  
 Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1017  
 Above Or Underground: Above Ground  
 Tank Action ID: 823971  
 Contractor Number: Not reported  
 Supervisor Number: Not reported  
 Tank Action: Install Tank  
 Action Date: 01/01/1923 00:00:00  
 Action Date Unknown: Not reported  
 Corrosion Expert Name: Not reported  
 Lab Flag: Not reported  
 Date Added: 05/05/2000 08:30:35  
 Date Last Updated: 05/04/2002 08:46:55  
 Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1017  
 Above Or Underground: Above Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 2  
 Tank Stored Product Desc: ANTIFREEZE  
 Compartment Cap: 4800  
 Heating: Not reported  
 Other Desc: Not reported  
 Date Added: 10/10/1999 10:59:07  
 Date Last Updated: 05/04/2002 08:46:55  
 Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: Not reported  
 Tank Construction Material Code: Not reported  
 Piping Material: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

1003052465

Piping Material Desc: Not reported  
Total Tank Capacity Quantity: Not reported  
Staff Id Who Did The Last Update: 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

TANK:

MPCA Tank Number: 1018  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Antifreeze  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1018  
Above Or Underground: Above Ground  
Tank Action ID: 823972  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
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

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

TANK COMPARTMENT:

MPCA Tank Number: 1018  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 2  
Tank Stored Product Desc: ANTIFREEZE  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1019  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Antifreeze  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

1003052465

In Compliance: Yes  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1019  
Above Or Underground: Above Ground  
Tank Action ID: 823973  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1019  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 2  
Tank Stored Product Desc: ANTIFREEZE  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1020  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Other Substance  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1020  
Above Or Underground: Above Ground  
Tank Action ID: 823975  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1020  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: POWER STEERING FLUID  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
INSREM Product: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

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

**TANK:**

MPCA Tank Number: 1021  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Other Substance  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:49  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1021  
Above Or Underground: Above Ground  
Tank Action ID: 823717  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1923 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1021  
Above Or Underground: Above Ground  
Compartment Number: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tank Stored Product Code: 21  
Tank Stored Product Desc: POWER STEERING FLUID  
Compartment Cap: 4800  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1022  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 4800  
Tank Status: Active  
Tank Stored Product: Other Substance  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1022

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Above Or Underground:    Above Ground  
Tank Action ID:            823976  
Contractor Number:        Not reported  
Supervisor Number:        Not reported  
Tank Action:                Install Tank  
Action Date:                01/01/1923 00:00:00  
Action Date Unknown:      Not reported  
Corrosion Expert Name:    Not reported  
Lab Flag:                    Not reported  
Date Added:                05/05/2000 08:30:35  
Date Last Updated:        05/04/2002 08:46:55  
Staff Id Who Did The Last Update:    TANKS

**TANK COMPARTMENT:**

MPCA Tank Number:        1022  
Above Or Underground:    Above Ground  
Compartment Number:      1  
Tank Stored Product Code:    21  
Tank Stored Product Desc:    POWER STEERING FLUID  
Compartment Cap:          4800  
Heating:                    Not reported  
Other Desc:                Not reported  
Date Added:                10/10/1999 10:59:07  
Date Last Updated:        05/04/2002 08:46:55  
Staff Id Who Did The Last Update:    TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number:        1031  
Tank Registration Date:      06/04/1990 00:00:00  
Tank Storage Capacity:      300  
Tank Status:                Active  
Tank Stored Product:        Diesel  
Tank Construction Material:    Metal  
Tank Cathodic Protection:    Not reported  
Piping Cathodic Protection:    Not reported  
Piping Material:            Steel/Iron  
Second Contain Tank:        Not reported  
Second Contain Pipe:        Not reported  
Tank Dispenser:            Not reported  
Above/Under Ground:        Above Ground

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 11/14/2006 10:47:44  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1031  
Above Or Underground: Above Ground  
Tank Action ID: 823978  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1971 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1031  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 300  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Date Last Updated: Not reported

TANK:

MPCA Tank Number: 1032  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 250  
Tank Status: Removed  
Tank Stored Product: Diesel  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 11/14/2006 10:47:44  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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: Not reported  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1032  
Above Or Underground: Above Ground  
Tank Action ID: 857899  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: Not reported  
Action Date Unknown: Yes  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:16  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1032  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 250  
Heating: Not reported  
Other Desc: Not reported

1003052465

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1033  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 1625  
Tank Status: Removed  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Other  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:49  
Date Last Updated: 05/04/2002 08:46:55  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON  
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: TANKS  
In Compliance: Not reported  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1033  
Above Or Underground: Above Ground  
Tank Action ID: 857900  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Action Date: Not reported  
Action Date Unknown: Yes  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:16  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1033  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: SODIUM BISULFATE  
Compartment Cap: 1625  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1034  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 2500  
Tank Status: Active  
Tank Stored Product: Petroleum Other  
Tank Construction Material: Other  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Concrete  
Piping Material Desc: STEEL/IRON



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1034  
Above Or Underground: Above Ground  
Tank Action ID: 823746  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1986 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1034  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 22  
Tank Stored Product Desc: EMULSION BREAKER  
Compartment Cap: 2500  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

MPCA Tank Number: 1035  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 9200  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1035  
Above Or Underground: Above Ground  
Tank Action ID: 823747  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1983 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1035  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: FERRIC CHLORIDE  
Compartment Cap: 9200  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
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

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number:            1036  
Tank Registration Date:        06/04/1990 00:00:00  
Tank Storage Capacity:        6000  
Tank Status:                    Active  
Tank Stored Product:         Chemical Acidic  
Tank Construction Material:    Metal  
Tank Cathodic Protection:     Not reported  
Piping Cathodic Protection:    Not reported  
Piping Material:                Steel/Iron  
Second Contain Tank:         Not reported  
Second Contain Pipe:         Not reported  
Tank Dispenser:                Not reported  
Above/Under Ground:         Above Ground  
Serial Number:                 Not reported  
Date Added:                    10/10/1999 10:57:47  
Date Last Updated:            05/06/2004 07:16:39  
AST Base Material:            On Supports  
Piping Material Desc:         STEEL/IRON  
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  
Facility Addr 2:                Not reported

TANK ACTION:

MPCA Tank Number:            1036  
Above Or Underground:        Above Ground  
Tank Action ID:                823748  
Contractor Number:            Not reported  
Supervisor Number:            Not reported  
Tank Action:                    Install Tank  
Action Date:                    01/01/1983 00:00:00  
Action Date Unknown:         Not reported  
Corrosion Expert Name:        Not reported  
Lab Flag:                        Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1036  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 5  
Tank Stored Product Desc: SULFURIC ACID  
Compartment Cap: 6000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1037  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 9200  
Tank Status: Active  
Tank Stored Product: Chemical Caustic  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:50  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
Unregulated Tank Registration Date: Not reported  
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

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Staff Id Who Did The Last Update: RSUCHAN  
In Compliance: Yes  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1037  
Above Or Underground: Above Ground  
Tank Action ID: 823633  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1983 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:25  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1037  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 6  
Tank Stored Product Desc: SODIUM HYDROXIDE  
Compartment Cap: 9200  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1038  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 500000  
Tank Status: Temporarily Closed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tank Stored Product: Fuel Oil  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/04/2002 08:46:55  
AST Base Material: Synthetic Liner  
Piping Material Desc: STEEL/IRON  
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: TANKS  
In Compliance: Not reported  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1038  
Above Or Underground: Above Ground  
Tank Action ID: 854979  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Temp Closed Empty Tank  
Action Date: Not reported  
Action Date Unknown: Yes  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 1038  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 13  
Tank Stored Product Desc: FUEL OIL 4-6  
Compartment Cap: 500000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: Not reported  
Tank Construction Material Code: Not reported  
Piping Material: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Piping Material Desc: Not reported  
Total Tank Capacity Quantity: Not reported  
Staff Id Who Did The Last Update: 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

**TANK:**

MPCA Tank Number: 1039  
Tank Registration Date: 06/04/1990 00:00:00  
Tank Storage Capacity: 500000  
Tank Status: Active  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: Synthetic Liner  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1039  
Above Or Underground: Above Ground  
Tank Action ID: 823750  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1951 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:35  
Date Last Updated: 05/04/2002 08:46:55  
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

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

TANK COMPARTMENT:

MPCA Tank Number: 1039  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 13  
Tank Stored Product Desc: FUEL OIL 4-6  
Compartment Cap: 500000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1040  
Tank Registration Date: 07/21/1997 00:00:00  
Tank Storage Capacity: 6300  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: Unknown Or Other Base  
Piping Material Desc: STEEL/IRON  
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



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

1003052465

In Compliance: Yes  
Facility Addr 2: Not reported

TANK ACTION:

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

TANK COMPARTMENT:

MPCA Tank Number: 1040  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: LIQUID CAUSTIC  
Compartment Cap: 6300  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 1041  
Tank Registration Date: 07/21/1997 00:00:00  
Tank Storage Capacity: 387400  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: Unknown Or Other Base  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

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

**TANK COMPARTMENT:**

MPCA Tank Number: 1041  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: PHOSPHATE PROCESSING  
Compartment Cap: 387400  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
INSREM Product: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

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

**TANK:**

MPCA Tank Number: 1042  
Tank Registration Date: 07/21/1997 00:00:00  
Tank Storage Capacity: 144000  
Tank Status: Active  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:47  
Date Last Updated: 05/06/2004 07:16:39  
AST Base Material: Unknown Or Other Base  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

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

**TANK COMPARTMENT:**

MPCA Tank Number: 1042  
Above Or Underground: Above Ground  
Compartment Number: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Tank Stored Product Code: 7  
Tank Stored Product Desc: E-COAT PROCESSING  
Compartment Cap: 144000  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:07  
Date Last Updated: 05/04/2002 08:46:55  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1043  
Tank Registration Date: 09/16/2003 00:00:00  
Tank Storage Capacity: 5500  
Tank Status: Active  
Tank Stored Product: Chemical Acidic  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Lined  
Piping Cathodic Protection: Not reported  
Piping Material: Fiberglass/PVC/Syn./Rubber  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/21/2003 09:12:03  
Date Last Updated: 11/14/2006 10:47:47  
AST Base Material: Concrete Slab  
Piping Material Desc: Not reported  
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: Not reported  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 1043

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)**

**1003052465**

Above Or Underground: Above Ground  
Tank Action ID: 883173  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 08/22/2003 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 10/21/2003 09:13:43  
Date Last Updated: 10/21/2003 09:13:43  
Staff Id Who Did The Last Update: JHENRY

**TANK COMPARTMENT:**

MPCA Tank Number: 1043  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 5  
Tank Stored Product Desc: SULFIURIC ACID  
Compartment Cap: 5500  
Heating: No  
Other Desc: Not reported  
Date Added: 10/21/2003 09:12:03  
Date Last Updated: 10/21/2003 09:12:20  
Staff Id Who Did The Last Update: JHENRY

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 209231  
Above Or Underground: Above Ground  
Facility Code: 19  
Indian Reservation: No  
UST Registration Date: Not reported  
AST Registration Date: 06/04/1990 00:00:00  
Date Added: 04/01/1993 00:00:00  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

1003052465

LATLONG:

Program Id: Not reported  
Latlong ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported  
Latlong Description: Not reported  
TMSP Added: Not reported  
Date Last Updated: Not reported  
Staff Id Last Updated: Not reported  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: Not reported  
Site ID: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN AST: detail in the EDR Site Report.

LAST:

Site ID: 0  
MN PCA ID: 224636  
Leak Site: Million Gallon Plus Facility Leak 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: 02/05/2004 00:00:00**  
Contaminated Soils Remaining: Yes  
Enforcement Action Begin Dt: Not reported  
Last Trust Eligible: No  
Offsite Contamination: Unknown  
Reimbursement Awarded: No  
Release Discovered Date: Not reported  
Leak Reported Date: Not reported  
Std Letter Response Date: Not reported  
Surface Water Impact: No  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:52  
TMSP Last Update: 03/20/2006 15:35:16  
Staff Id Last Update: JKAEHLE  
Release From UST: Yes  
Release From LUST: Yes  
Tank Registration Status Code: FS  
VPIC Application Date: Not reported  
VPIC Acres: Not reported  
Facility Addr 2: Not reported  
Leak Id: 12247  
Addr Id: 207715  
Township Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORD MOTORS TWIN CITY ASSEMBLY PLANT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1003052465

Active Flag: Not reported  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: 6516960585  
Interest Start Date: 09/14/1999 00:00:00  
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: Background information is currently\n being reviewed including the superfund file retrieved from archives.\n 2/5/2004 SITE CLOSED by DRB

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 224636  
Dw Supply Contam: Not reported  
Free Product Observed: Not reported  
Free Product Thickness: Not reported  
Ground Water Contam: Not reported  
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 14:07:35  
TMSP Last Update: 11/04/2003 12:57:08  
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: 224636  
Prod Released Sequence Id: 26829  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 03/06/2002 09:08:56  
Tmsp Last\_updt: 05/04/2002 09:41:41  
Staff Id Last Updt: TANKS

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

<b>A15</b>	966 S. MISSISSIPPI RIVER BLVD	<b>ERNS</b>	<b>89120760</b>
<b>Target</b>	966 S. MISSISSIPPI RIVER BLVD		N/A
<b>Property</b>	ST. PAUL, MN 55116		

**Site 15 of 17 in cluster A**

**Actual:**  
821 ft.

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

<b>A16</b>	FORD MOTOR COMPANY	<b>MN Spills</b>	<b>S103283191</b>
<b>Target</b>	966 S MISSISSIPPI BLVD		N/A
<b>Property</b>	ST. PAUL, MN 55116		

**Site 16 of 17 in cluster A**

**Actual:**  
821 ft.

<b>MN SPILL:</b>	
Program Id:	172673
Township Name:	Not reported
Interest Type:	SP
Addr Id:	231873
Interest Phone:	Not reported
Preferred Id:	14378
Interest Start Date:	03/21/1996 00:00:00
Interest End Date:	Not reported
Active:	Not reported
Tmsp Added:	03/21/1996 00:00:00
Tmsp Last Updt:	06/19/2002 16:58:19
Staff Id Last Updt:	TANKS
fadd2:	Not reported
State County Code:	62
Country Code:	USA
Foreign State:	Not reported
Foreign Zone:	None
<b>Spill Closure Code:</b>	<b>Not reported</b>
Sp Rep Code:	Not reported
Report Taken By Initials:	3234
Mpca Project Manager Initials:	3234
Spill Site Closure Date:	01/01/1996 00:00:00
Sp Rep Desc:	ROBERT JOHNSON
Spill Date:	12/23/1990 00:00:00
Spill Reported Date:	12/23/1990 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
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



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**S103283191**

Box: 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  
 Public Safety Spill ID: Not reported  
 Site ID: 0  
 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  
 Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**

Program ID: 172673  
 Spill Incident Accuracy Id: 67279  
 Spill Product Code: Heavy Fuel Oil  
 Spill Qty Units Code: Gallons  
 Spill Incident Accuracy Code: Known  
 Spill Released Qty: 100  
 Tmsp Added: 03/21/1996 00:00:00  
 Tmsp Last Updt: 05/04/2002 06:46:50

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD MOTOR COMPANY (Continued)

S103283191

Staff Id Last Updt: TANKS  
Program Id: 174044  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 231873  
Interest Phone: Not reported  
Preferred Id: 15857  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:19  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 4106  
MPCA Project Manager Initials: 3075  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: ANONYMOUS  
Spill Date: Not reported  
Spill Reported Date: 02/26/1992 00:00:00  
Init Cause Code: Truck/Vehicle Cargo  
Init Cause Desc: LEAKY AUTOMATIC TRAN  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**S103283191**

Action Taken: Not reported  
Reported By: Not reported  
Incident: Not reported  
Respnbl Party: Not reported  
Spill Cause: Not reported  
Action Taken: Not reported  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: Transmission fluid is believed to have leaked from automatic transmission blocks, out of their transport, and onto the asphalt

**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  
Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**

Program ID: 174044  
Spill Incident Accuracy Id: 68551  
Spill Product Code: Motor/Lube Oil;Trans/Eng Fluid  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 10  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 05/04/2002 06:51:06  
Staff Id Last Updt: TANKS

Program Id: 185685  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 231873  
Interest Phone: Not reported  
Preferred Id: 28521  
Interest Start Date: 07/20/1998 07:14:10  
Interest End Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORD MOTOR COMPANY (Continued)

S103283191

Active: Not reported  
Tmsp Added: 07/20/1998 07:14:10  
Tmsp Last Updt: 06/19/2002 16:58:22  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Refer To Air Quality  
Report Taken By Initials: 3364  
MPCA Project Manager Initials: 3364  
Spill Site Closure Date: 06/30/2000 00:00:00  
Sp Rep Desc: FORD MOTOR CO.  
Spill Date: 07/16/1998 00:00:00  
Spill Reported Date: 07/17/1998 00:00:00  
Init Cause Code: Human Error  
Init Cause Desc: HUMAN ERROR  
Initial Source Code: 5  
Priority Code: 1  
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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: A FORKLIFT PUNCTURED A HOLE IN A CONTAINER CAUSING THE RELEASE.\n SOLVEN MIX

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**S103283191**

MN SPILL ACTION:  
 Spill Action Code:            3  
 Spill Action Person:        Not reported  
 Spill Action Date:         Not reported  
 Tmsp Added:                 07/20/1998 07:14:10  
 Tmsp Last Updt:            05/04/2002 07:27:39  
 Staff Id Last Updt:        TANKS

MN SPILL AFFECTED DESCRIPTION:  
 Spill Inc. Affect Code:      Street, Parking Lot  
 Tmsp Added:                 07/20/1998 07:14:10  
 Tmsp Last Updt:            05/04/2002 07:27:39  
 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:                 185685  
 Spill Incident Accuracy Id: 79506  
 Spill Product Code:        Other (Described In Remarks)  
 Spill Qty Units Code:      Gallons  
 Spill Incident Accuracy Code: Estimated  
 Spill Released Qty:        25  
 Tmsp Added:                 07/20/1998 07:14:10  
 Tmsp Last Updt:            05/04/2002 07:27:39  
 Staff Id Last Updt:        TANKS

**A17            FORD MOTOR COMPANY**  
**Target        STEAM PLANT 966 S.MISSISSIPPI RIVE**  
**Property      ST. PAUL, MN 0**

**MN Spills    S107557792**  
**N/A**

**Actual:  
 821 ft.**

**Site 17 of 17 in cluster A**

MN SPILL:  
 Program Id:                 172892  
 Township Name:            Not reported  
 Interest Type:             SP  
 Addr Id:                    241225  
 Interest Phone:            Not reported  
 Preferred Id:               14621  
 Interest Start Date:      03/21/1996 00:00:00  
 Interest End Date:        Not reported  
 Active:                     Not reported  
 Tmsp Added:                03/21/1996 00:00:00  
 Tmsp Last Updt:          06/19/2002 16:58:19

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

FORD MOTOR COMPANY (Continued)

S107557792

Staff Id Last Updt:            TANKS  
fadd2:                            Not reported  
State County Code:            62  
Country Code:                 USA  
Foreign State:                 Not reported  
Foreign Zone:                 None  
**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:                    JOHN KALLAUS  
Spill Date:                     03/26/1991 00:00:00  
Spill Reported Date:         03/27/1991 00:00:00  
Init Cause Code:               Transformers  
Init Cause Desc:               TRANSFORMER LEAK  
Initial Source Code:          Not reported  
Priority Code:                  4  
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  
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  
Public Safety Spill ID:       Not reported  
Site ID:                         0  
Comments:                      Not reported  
  
MN SPILL ACTION:  
Spill Action Code:              Not reported  
Spill Action Person:            Not reported  
Spill Action Date:              Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORD MOTOR COMPANY (Continued)**

**S107557792**

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  
 Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**  
 Program ID: 172892  
 Spill Incident Accuracy Id: 67484  
 Spill Product Code: PCB  
 Spill Qty Units Code: Gallons  
 Spill Incident Accuracy Code: Known  
 Spill Released Qty: 1  
 Tmsp Added: 03/21/1996 00:00:00  
 Tmsp Last Updt: 05/04/2002 06:47:31  
 Staff Id Last Updt: TANKS

**B18**  
**East**  
**1/8-1/4**  
**1252 ft.**

**CLEVELAND HI-RISE (M-1-11)**  
**899 S CLEVELAND AVE**  
**ST. PAUL, MN 55116**

**UST U000886005**  
**N/A**

**Site 1 of 3 in cluster B**

**Relative:**  
**Higher**

UST:  
 TANK:  
 MPCA Tank Number: 001  
 Tank Registration Date: 05/21/1986 00:00:00  
 Tank Storage Capacity: 16000  
**Tank Status: Active**  
 Tank Stored Product: Fuel Oil  
 Tank Construction Material: Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection: Anode  
 Piping Cathodic Protection: None  
 Piping Material: Wrapped Steel  
 Second Contain Tank: Wrapped Steel  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Suction  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported

**Actual:**  
**855 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CLEVELAND HI-RISE (M-1-11) (Continued)**

**U000886005**

Piping Material Description: Not reported  
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 10:57:16  
Date Last Updated: 05/04/2002 07:52:29  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 192020  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 323848  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1969 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:33  
Date Last Updated: 05/04/2002 07:52:29  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 16000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:41  
Date Last Updated: 05/04/2002 07:52:29  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 001  
Tank Construction Material Code: 1  
Piping Material: 4  
Piping Material Desc: WRAPPED STEEL  
Total Tank Capacity Quantity: 16000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Fuel Oil  
INSREM Product Description: FUEL OIL  
INSREM Action ID: 370839  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CLEVELAND HI-RISE (M-1-11) (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

U000886005

Date Last Updated: 05/04/2002 07:52:29

TANK:

MPCA Tank Number: 002  
Tank Registration Date: 05/21/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Active**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Wrapped Steel  
Second Contain Tank: Wrapped Steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:39  
Date Last Updated: 05/04/2002 07:52:29  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 192020  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 290926  
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 08:31:33  
Date Last Updated: 05/04/2002 07:52:29  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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: 10000  
Heating: Unknown

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CLEVELAND HI-RISE (M-1-11) (Continued)

EDR ID Number  
EPA ID Number

U000886005

Database(s)

Site

Other Desc: Not reported  
Date Added: 10/10/1999 10:58:07  
Date Last Updated: 05/04/2002 07:52:29  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 002  
Tank Construction Material Code: 1  
Piping Material: 4  
Piping Material Desc: WRAPPED STEEL  
Total Tank Capacity Quantity: 10000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Fuel Oil  
INSREM Product Description: FUEL OIL  
INSREM Action ID: 370838  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41  
Date Last Updated: 05/04/2002 07:52:29

TABSITE:

Program Interest Id: 193183  
Above Or Underground: Under Ground  
Facility Code: 14  
Indian Reservation: No  
UST Registration Date: 05/21/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05  
Date Last Updated: 05/23/2003 09:21:01  
Staff Id Who Did The Last Update: SYS  
Max Monthly Gallons: Not reported  
Vapor Recovery Installed: Unknown  
Vapor Notify Required: Unknown

LATLONG:

Program Id: Not reported  
Latlong ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported  
Latlong Description: Not reported  
TMSP Added: Not reported  
Date Last Updated: Not reported  
Staff Id Last Updated: Not reported  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: Not reported  
Site ID: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**CLEVELAND HI-RISE (M-1-11) (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**U000886005**

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**B19**  
 East  
 1/8-1/4  
 1252 ft.

**ST PAUL PUBLIC HOUSING CLEVELAND**  
**899 CLEVELAND AVE S**  
**SAINT PAUL, MN 55116**

**RCRA-SQG** 1000345493  
**FINDS** MND980995047

**Site 2 of 3 in cluster B**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: ST PAUL CITY OF  
 (312) 555-1212  
 EPA ID: MND980995047  
 Contact: OFFICER ENVIRONMENTAL  
 (612) 298-4481  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**855 ft.**

**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.

**B20**  
 East  
 1/8-1/4  
 1252 ft.

**CLEVELAND HIGHRISE**  
**899 S CLEVELAND AVE**  
**ST. PAUL, MN 55116**

**LUST** S106551420  
 N/A

**Site 3 of 3 in cluster B**

**Relative:**  
**Higher**

LUST:  
 Site ID: 0  
 MN PCA ID: 224963  
 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: 01/02/2000 00:00:00**  
 Contaminated Soils Remaining: Unknown  
 Enforcement Action Begin Date: 05/19/1999 00:00:00  
 Lust Trust Eligible: No

**Actual:**  
**855 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CLEVELAND HIGHRISE (Continued)**

**S106551420**

Offsite Contamination: Unknown  
Reimbursement Awarded: No  
Release Discovered Date: 04/26/1999 00:00:00  
Leak Reported Date: 04/27/1999 00:00:00  
Std Letter Response Date: 12/23/1999 00:00:00  
Surface Water Impact: Unknown  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:52  
TMSP Last Update: 03/10/2003 12:33:42  
Staff Id Last Update: AMUSCH  
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: 12580  
Addr Id: 192020  
Township Name: Not reported  
Active Flag: Not reported  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: 6512985231  
Interest Start Date: 06/01/1999 10:54:02  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 224963  
Dw Supply Contam: Not reported  
Free Product Observed: Not reported  
Free Product Thickness: Not reported  
Ground Water Contam: Not reported  
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 14:07:36  
TMSP Last Update: 11/04/2003 12:57:08

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**CLEVELAND HIGHRISE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S106551420**

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: 224963  
 Prod Released Sequence Id: 33852  
 Leak Product Code: Fuel Oil 1 and 2  
 Tmsp Added: 03/10/2003 12:33:46  
 Tmsp Last\_updt: 03/10/2003 12:33:46  
 Staff Id Last Updt: AMUSCH

**21**  
**ESE**  
**1/8-1/4**  
**1275 ft.**

**THELL OIL**  
**930 S CLEVELAND**  
**ST. PAUL, MN 0**

**MN Spills S106461665**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**848 ft.**

**MN SPILL:**  
 Program Id: 188626  
 Township Name: Not reported  
 Interest Type: SP  
 Addr Id: 256470  
 Interest Phone: Not reported  
 Preferred Id: 13033  
 Interest Start Date: 03/21/1996 00:00:00  
 Interest End Date: Not reported  
 Active: Not reported  
 Tmsp Added: 03/21/1996 00:00:00  
 Tmsp Last Updt: 06/19/2002 16:58:23  
 Staff Id Last Updt: TANKS  
 fadd2: Not reported  
 State County Code: 62  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
**Spill Closure Code: Not reported**  
 Sp Rep Code: Not reported  
 Report Taken By Initials: 3258  
 MPCA Project Manager Initials: 3258  
 Spill Site Closure Date: 01/01/1996 00:00:00  
 Sp Rep Desc: PEMLY FINK  
 Spill Date: 12/20/1989 00:00:00  
 Spill Reported Date: 01/12/1990 00:00:00  
 Init Cause Code: Spill  
 Init Cause Desc: OVERFILL  
 Initial Source Code: Not reported  
 Priority Code: 4  
 Archive Lot: Not reported  
 Archive Box: Not reported  
 Rep Phone: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**THELL OIL (Continued)**

**S106461665**

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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**THELL OIL (Continued)**

**S106461665**

Tmsp Added: Not reported  
 Tmsp Last Updt: Not reported  
 Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**

Program ID: 188626  
 Spill Incident Accuracy Id: 82318  
 Spill Product Code: Petroleum, Unspecified  
 Spill Qty Units Code: Gallons  
 Spill Incident Accuracy Code: Known  
 Spill Released Qty: 50  
 Tmsp Added: 03/21/1996 00:00:00  
 Tmsp Last Updt: 05/04/2002 07:37:01  
 Staff Id Last Updt: TANKS

**C22**  
**North**  
**1/4-1/2**  
**1401 ft.**

**AMOCO SS #8529**  
**2185 FORD PKWY**  
**ST. PAUL, MN 55116**

**UST U000886104**  
**N/A**

**Relative:**  
**Higher**

**Site 1 of 9 in cluster C**

UST:

**Actual:**  
**847 ft.**

**TANK:**

MPCA Tank Number: 001  
 Tank Registration Date: 05/28/1986 00:00:00  
 Tank Storage Capacity: 1000  
**Tank Status: Removed**  
 Tank Stored Product: Used Or Waste Oil  
 Tank Construction Material: Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection: Anode  
 Piping Cathodic Protection: None  
 Piping Material: Galvanized steel  
 Second Contain Tank: Galvanized steel  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Suction  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported  
 Piping Material Description: Not reported  
 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 10:57:09  
 Date Last Updated: 05/04/2002 07:53:11  
 Staff Id Who Did The Last Update: TANKS  
 In Compliance: Yes  
 Serial Number: Not reported  
 Address Id: 42831  
 Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Tank Action ID: 267312  
 Contractor Number: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AMOCO SS #8529 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U000886104

Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 01/15/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:58  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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: 1000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:35  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 002  
Tank Registration Date: 05/28/1986 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**AMOCO SS #8529 (Continued)**

**U000886104**

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 10:56:39  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42831  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 251622  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 01/15/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:58  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 1000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:07  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

AMOCO SS #8529 (Continued)

U000886104

TANK:

MPCA Tank Number: 003  
Tank Registration Date: 05/28/1986 00:00:00  
Tank Storage Capacity: 6000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:09  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42831  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 267313  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 01/15/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:59  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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 10:58:35  
Date Last Updated: 05/04/2002 07:53:11

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

AMOCO SS #8529 (Continued)

U000886104

Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 004  
Tank Registration Date: 05/28/1986 00:00:00  
Tank Storage Capacity: 6000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:02  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42831  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Tank Action ID: 263388  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 01/15/1988 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

AMOCO SS #8529 (Continued)

U000886104

Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:59  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 004  
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 10:58:28  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 005  
Tank Registration Date: 05/28/1986 00:00:00  
Tank Storage Capacity: 6000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Unknown  
Haz Waste Generator Id: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**AMOCO SS #8529 (Continued)**

**U000886104**

Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:58  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42831  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 005  
Above Or Underground: Under Ground  
Tank Action ID: 259687  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 01/15/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:59  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 005  
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 10:58:26  
Date Last Updated: 05/04/2002 07:53:11  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AMOCO SS #8529 (Continued)**

**U000886104**

MPCA Tank Number: 006  
 Tank Registration Date: 05/28/1986 00:00:00  
 Tank Storage Capacity: 6000  
**Tank Status: Removed**  
 Tank Stored Product: Gasoline  
 Tank Construction Material: Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection: Anode  
 Piping Cathodic Protection: None  
 Piping Material: Galvanized steel  
 Second Contain Tank: Galvanized steel  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Submersible  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported  
 Piping Material Description: Not reported  
 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 10:56:54  
 Date Last Updated: 05/04/2002 07:53:11  
 Staff Id Who Did The Last Update: TANKS  
 In Compliance: Yes  
 Serial Number: Not reported  
 Address Id: 42831  
 Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 006  
 Above Or Underground: Under Ground  
 Tank Action ID: 259558  
 Contractor Number: Not reported  
 Supervisor Number: Not reported  
 Tank Action: Remove Tank  
 Action Date: 01/15/1988 00:00:00  
 Action Date Unknown: Not reported  
 Corrosion Expert Name: Not reported  
 Lab Flag: N  
 Date Added: 05/05/2000 08:30:59  
 Date Last Updated: 05/04/2002 07:53:11  
 Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 006  
 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 10:58:21  
 Date Last Updated: 05/04/2002 07:53:11  
 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

**AMOCO SS #8529 (Continued)**

**U000886104**

INSTALL REMOVE:

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  
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

TABSITE:

Program Interest Id:            193384  
Above Or Underground:         Under Ground  
Facility Code:                 34  
Indian Reservation:            No  
UST Registration Date:         05/28/1986 00:00:00  
AST Registration Date:         Not reported  
Date Added:                    07/23/1992 19:11:05  
Date Last Updated:             05/23/2003 09:21:01  
Staff Id Who Did The Last Update:    SYS  
Max Monthly Gallons:            Not reported  
Vapor Recovery Installed:        Unknown  
Vapor Notify Required:         Unknown

LATLONG:

Program Id:                    193384  
Latlong ID:                    40741  
Latitude Degrees:              44  
Latitude Minutes:              55  
Latitude Seconds:              4.37  
Longitude Degrees:            -93  
Longitude Minutes:            11  
Longitude Seconds:            33.94  
Collection Date:              08/08/2000 00:00:00  
Latlong Description:         Not reported  
TMSP Added:                  8/28/2000 10:31:55 AM  
Date Last Updated:          7/14/2004 10:02:30 PM  
Staff Id Last Updated:        jbeauma  
Coord Source Type:            2  
Org Name Source:             MPCA  
Coord Coll Meth:             A1  
Map Scale Code:              E  
Source:                        CORE  
Site ID:                        32831

[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

**C23**  
**North**  
**1/4-1/2**  
**1401 ft.**

**TIRES PLUS**  
**2185 FORD PKWY**  
**ST. PAUL, MN 55116**

**AST** **A100203336**  
**N/A**

**Relative:**  
**Higher**

**Site 2 of 9 in cluster C**

AST:

**Actual:**  
**847 ft.**

TANK:

MPCA Tank Number: 1001  
 Tank Registration Date: 10/16/1990 00:00:00  
 Tank Storage Capacity: 275  
 Tank Status: Active  
 Tank Stored Product: Other Substance  
 Tank Construction Material: Other  
 Tank Cathodic Protection: Not reported  
 Piping Cathodic Protection: Not reported  
 Piping Material: Other  
 Second Contain Tank: Not reported  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Not reported  
 Above/Under Ground: Above Ground  
 Serial Number: Not reported  
 Date Added: 10/10/1999 10:57:35  
 Date Last Updated: 11/14/2006 10:47:42  
 AST Base Material: Unknown Or Other Base  
 Piping Material Desc: OTHER  
 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  
 Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1001  
 Above Or Underground: Above Ground  
 Tank Action ID: 828953  
 Contractor Number: Not reported  
 Supervisor Number: Not reported  
 Tank Action: Install Tank  
 Action Date: 10/14/1988 00:00:00  
 Action Date Unknown: Not reported  
 Corrosion Expert Name: Not reported  
 Lab Flag: Not reported  
 Date Added: 05/05/2000 08:30:37  
 Date Last Updated: 05/04/2002 08:49:24  
 Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1001  
 Above Or Underground: Above Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 21  
 Tank Stored Product Desc: OTHER  
 Compartment Cap: 275



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**TIRES PLUS (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**A100203336**

Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:57  
Date Last Updated: 05/04/2002 08:49:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 209976  
Above Or Underground: Above Ground  
Facility Code: 44  
Indian Reservation: No  
UST Registration Date: Not reported  
AST Registration Date: 10/16/1990 00:00:00  
Date Added: 04/01/1993 00:00:00  
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

**LATLONG:**

Program Id: 209976  
Latlong ID: 40741  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 4.37  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 33.94  
Collection Date: 08/08/2000 00:00:00  
Latlong Description: Not reported  
TMSP Added: 8/28/2000 10:31:55 AM  
Date Last Updated: 7/14/2004 10:02:30 PM  
Staff Id Last Updated: jbeauma  
Coord Source Type: 2  
Org Name Source: MPCA  
Coord Coll Meth: A1  
Map Scale Code: E  
Source: CORE  
Site ID: 32831

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C24**  
**North**  
**1/4-1/2**  
**1401 ft.**

**QUALITY DIRECT SALES DBA/TIRES PLUS**  
**2185 FORD PKWY**  
**ST. PAUL, MN 55116**

**AST** **A100203331**  
**N/A**

**Site 3 of 9 in cluster C**

**Relative:**  
**Higher**

AST:

**Actual:**  
**847 ft.**

TANK:

MPCA Tank Number: 1001  
 Tank Registration Date: 10/16/1990 00:00:00  
 Tank Storage Capacity: 265  
 Tank Status: Active  
 Tank Stored Product: Other Substance  
 Tank Construction Material: Other  
 Tank Cathodic Protection: Not reported  
 Piping Cathodic Protection: Not reported  
 Piping Material: Other  
 Second Contain Tank: Not reported  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Not reported  
 Above/Under Ground: Above Ground  
 Serial Number: Not reported  
 Date Added: 10/10/1999 10:57:28  
 Date Last Updated: 11/14/2006 10:47:41  
 AST Base Material: Unknown Or Other Base  
 Piping Material Desc: OTHER  
 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  
 Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1001  
 Above Or Underground: Above Ground  
 Tank Action ID: 822536  
 Contractor Number: Not reported  
 Supervisor Number: Not reported  
 Tank Action: Install Tank  
 Action Date: 10/11/1988 00:00:00  
 Action Date Unknown: Not reported  
 Corrosion Expert Name: Not reported  
 Lab Flag: Not reported  
 Date Added: 05/05/2000 08:30:25  
 Date Last Updated: 05/04/2002 08:49:18  
 Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1001  
 Above Or Underground: Above Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 21  
 Tank Stored Product Desc: OTHER  
 Compartment Cap: 265

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

QUALITY DIRECT SALES DBA/TIRES PLUS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

A100203331

Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:09  
Date Last Updated: 05/04/2002 08:49:18  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
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  
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

TABSITE:  
Program Interest Id: 209948  
Above Or Underground: Above Ground  
Facility Code: 44  
Indian Reservation: No  
UST Registration Date: Not reported  
AST Registration Date: 10/16/1990 00:00:00  
Date Added: 04/01/1993 00:00:00  
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

LATLONG:  
Program Id: 209948  
Latlong ID: 40741  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 4.37  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 33.94  
Collection Date: 08/08/2000 00:00:00  
Latlong Description: Not reported  
TMSP Added: 8/28/2000 10:31:55 AM  
Date Last Updated: 7/14/2004 10:02:30 PM  
Staff Id Last Updated: jbeauma  
Coord Source Type: 2  
Org Name Source: MPCA  
Coord Coll Meth: A1  
Map Scale Code: E  
Source: CORE  
Site ID: 32831

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C25**  
**North**  
**1/4-1/2**  
**1401 ft.**

**TIRES PLUS**  
**2185 FORD PKWY**  
**ST PAUL, MN 55116**

**RCRA-SQG** **1000183787**  
**FINDS** **MND982644064**

**Site 4 of 9 in cluster C**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: QUALITY DIRECT SALES INC.  
 (612) 690-5007

**Actual:**  
**847 ft.**

EPA ID: MND982644064  
 Contact: PETER COMSTOCK  
 (612) 690-5007

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.

**C26**  
**North**  
**1/4-1/2**  
**1402 ft.**

**TIRES PLUS**  
**2185 FORD PKWY**  
**ST PAUL, MN 55116**

**RCRA-SQG** **1007103005**  
**MND089784433**

**Site 5 of 9 in cluster C**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: NAME NOT REPORTED  
 (312) 555-1212

**Actual:**  
**846 ft.**

EPA ID: MND089784433  
 Contact: PETER COMSTOCK  
 (612) 690-5007

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

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**TIRES PLUS (Continued)**

**1007103005**

Violation Status: No violations found

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**C27**      **HIGHLAND FOOT CLINIC**  
**North**    **2177 FORD PARKWAY**  
**1/4-1/2**    **ST PAUL, MN 55116**  
**1402 ft.**

**RCRA-SQG**    **1000242376**  
**FINDS**        **MND985669241**

**Site 6 of 9 in cluster C**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner:            NAME NOT REPORTED  
                       (312) 555-1212  
 EPA ID:           MND985669241  
 Contact:          Not reported

**Actual:**  
**849 ft.**

Classification:    Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**C28**      **FORMER DRY CLEANERS**  
**North**    **2169 FORD PKWY**  
**1/4-1/2**    **ST. PAUL, MN 55116**  
**1416 ft.**

**LUST**    **S105120824**  
**N/A**

**Site 7 of 9 in cluster C**

**Relative:**  
**Higher**

LUST:  
 Site ID:            0  
 MN PCA ID:        226498  
 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: 01/06/2003 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 03/16/2000 00:00:00  
 Lust Trust Eligible:    No  
 Offsite Contamination: No  
 Reimbursement Awarded: No  
 Release Discovered Date: 11/24/1999 00:00:00  
 Leak Reported Date:    11/29/1999 00:00:00  
 Std Letter Response Date: 03/27/2000 00:00:00  
 Surface Water Impact: No

**Actual:**  
**851 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORMER DRY CLEANERS (Continued)**

**S105120824**

Utility Project Flag: No  
TMSP Added: 03/02/2000 10:41:23  
TMSP Last Update: 10/11/2005 13:35:34  
Staff Id Last Update: CMCLAIN  
Release From AST: No  
Release From UST: Yes  
Tank Registration Status Code: S  
VPIC Application Date: Not reported  
VPIC Acres: Not reported  
Facility Addr 2: Not reported  
Leak ID: 13318  
Addr Id: 287290  
Township Name: Not reported  
Active Flag: Not reported  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: Not reported  
Interest Start Date: 03/02/2000 00:00:00  
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: 226498  
TMSP Added: 12/20/2002 10:21:15  
TMSP Last Update: 12/20/2002 10:21:15  
Staff Id Last Update: JKAEHLE

LEAK GW INFO:  
MN PCA ID: 226498  
Dw Supply Contam: No  
Free Product Observed: No  
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: No  
Well Type Code: Not reported  
Impacted Aquifer Code: Not reported  
TMSP Added: 03/02/2000 10:41:23  
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FORMER DRY CLEANERS (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S105120824**

Free Product At Close: No  
 Staff Id Ass: Not reported  
 PWS Well: Not reported  
 Prot Flag: Not reported  
 Sens Flag: Not reported

**LEAK PRODUCT RELEASED:**

MN PCA ID: 226498  
 Prod Released Sequence Id: 27628  
 Leak Product Code: Fuel Oil 1 and 2  
 Tmsp Added: 03/11/2002 14:38:21  
 Tmsp Last\_updt: 05/04/2002 09:47:59  
 Staff Id Last Updt: TANKS

**C29  
 NNW  
 1/4-1/2  
 1430 ft.**

**CASEY OKANE AND MONSSEN PA  
 2221 FORD PKWY  
 ST PAUL, MN 55116**

**RCRA-SQG 1004732883  
 FINDS MND985724657**

**Site 8 of 9 in cluster C**

**Relative:  
 Higher**

**Actual:  
 834 ft.**

RCRAInfo:  
 Owner: CASEY OKANE AND MONSSEN PA  
 (612) 698-1242  
 EPA ID: MND985724657  
 Contact: BRIAN MONSSEN  
 (612) 698-1242  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSD 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 FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C30**  
**NNW**  
**1/4-1/2**  
**1434 ft.**

**HIGHLAND FOOT CLINIC**  
**2221 FORD PKWY STE 350**  
**ST PAUL, MN 55116**

**RCRA-SQG** **1004734094**  
**FINDS** **MND985755875**

**Site 9 of 9 in cluster C**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: JURCICH WALTER AND CARLSON ALAN  
 (612) 698-8879

**Actual:**  
**834 ft.**

EPA ID: MND985755875  
 Contact: ROSE WILLIAMS  
 (612) 698-8879

Classification: Conditionally Exempt Small Quantity Generator  
 TSD 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

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**D31**  
**NNE**  
**1/4-1/2**  
**1461 ft.**

**FAIRVIEW HIGHLAND PARK CLINIC**  
**2155 FORD PKWY**  
**ST PAUL, MN 55116**

**RCRA-SQG** **1004737743**  
**FINDS** **MNR000054882**

**Site 1 of 2 in cluster D**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: FAIRVIEW HIGHLAND PARK CLINIC  
 (612) 696-5033

**Actual:**  
**853 ft.**

EPA ID: MNR000054882  
 Contact: CARRIE SHELLEY  
 (612) 696-5033

Classification: Conditionally Exempt Small Quantity Generator  
 TSD 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



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FAIRVIEW HIGHLAND PARK CLINIC (Continued)**

**1004737743**

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.

**E32**  
**NNE**  
**1/4-1/2**  
**1520 ft.**

**PROEX PHOTO #1540**  
**2136 FORD PKWY**  
**ST PAUL, MN 55117**

**RCRA-SQG 1004730251**  
**FINDS MND982420499**

**Site 1 of 6 in cluster E**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: NAME NOT REPORTED  
 (312) 555-1212  
 EPA ID: MND982420499  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**855 ft.**

**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

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**D33**  
**NNE**  
**1/4-1/2**  
**1529 ft.**

**CLEVELAND DENTAL CARE**  
**2145 FORD PKWY SUITE 203**  
**ST PAUL, MN 55116**

**RCRA-SQG 1004739203**  
**FINDS MNR000079335**

**Site 2 of 2 in cluster D**

**Relative:**  
**Higher**

**Actual:**  
**855 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

**CLEVELAND DENTAL CARE (Continued)**

**1004739203**

RCRAInfo:  
 Owner: COATES NORMAN  
 (651) 699-0874  
 EPA ID: MNR000079335  
 Contact: SAKEENA FUTRELL  
 (651) 698-5543  
 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

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**E34**  
**NNE**  
**1/4-1/2**  
**1546 ft.**

**33 MINUTE PHOTO**  
**2128 FORD PKWY**  
**SAINT PAUL, MN 55116**

**RCRA-SQG** **1001232657**  
**FINDS** **MNR000019224**

**Site 2 of 6 in cluster E**

**Relative:**  
**Higher**

**Actual:**  
**856 ft.**

RCRAInfo:  
 Owner: LUND RUSSELL T III  
 (612) 823-9099  
 EPA ID: MNR000019224  
 Contact: Not reported  
 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

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Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**F35**      **HIGHLAND VILLAGE APARTMENTS (OTNESS)**      **LUST**      **S106546878**  
**NE**      **845 CLEVELAND S**           **N/A**  
**1/4-1/2**      **HIGHLAND PARK, MN 55116**

**1556 ft.**      **Site 1 of 2 in cluster F**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**858 ft.**

Site ID: 0  
 MN PCA ID: 213619  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 03  
 File Archive Lot: 94/372  
 Soil Digout Date: 09/08/1988 00:00:00  
 Cubic Yards Excavated: 100  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 12/13/1989 00:00:00**  
 Contaminated Soils Remaining: No  
 Enforcement Action Begin Date: 01/01/1901 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 08/31/1988 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:43  
 TMSP Last Update: 05/06/2003 15:35:20  
 Staff Id Last Update: KMITZUK  
 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: 682  
 Addr Id: 260709  
 Township Name: Not reported  
 Active Flag: Not reported  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
 State County Code: 62  
 Interest Type: LS  
 Interest Phone: Not reported  
 Interest Start Date: 08/18/1992 09:08:31  
 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  
 TMSP Added: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HIGHLAND VILLAGE APARTMENTS (OTNESS) (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S106546878**

TMSP Last Update: Not reported  
 Staff Id Last Update: Not reported  
  
 LEAK GW INFO:  
 MN PCA ID: 213619  
 Dw Supply Contam: Not reported  
 Free Product Observed: No  
 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 14:07:27  
 TMSP Last Update: 11/04/2003 12:57:06  
 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: 213619  
 Prod Released Sequence Id: 401350  
 Leak Product Code: Fuel Oil 1 and 2  
 Tmsp Added: 12/27/1999 12:59:07  
 Tmsp Last\_updt: 05/04/2002 09:01:45  
 Staff Id Last Updt: TANKS

**F36  
 NE  
 1/4-1/2  
 1556 ft.**

**HIGHLAND VILLAGE APARTMENTS  
 845 S CLEVELAND  
 SAINT PAUL, MN 55116**

**RCRA-SQG 1000242368  
 FINDS MND071783419  
 UST**

**Relative:  
 Higher**

**Site 2 of 2 in cluster F**

RCRAInfo:  
 Owner: VILLAGE APT HOMES II  
 (312) 555-1212  
 EPA ID: MND071783419  
 Contact: ROBERT OTNESS  
 (612) 927-0612  
  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported

**Actual:  
 858 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND VILLAGE APARTMENTS (Continued)**

**1000242368**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**UST:**

**TANK:**

MPCA Tank Number: 001  
Tank Registration Date: 11/02/1987 00:00:00  
Tank Storage Capacity: 9000  
**Tank Status: Active**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Other  
Second Contain Tank: Other  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: OTHER  
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: 05/11/2005 09:03:00  
Staff Id Who Did The Last Update: JHENRY  
In Compliance: No  
Serial Number: Not reported  
Address Id: 199190  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 287138  
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

**HIGHLAND VILLAGE APARTMENTS (Continued)**

**1000242368**

Tank Action: Install Tank  
Action Date: 10/01/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:58  
Date Last Updated: 05/04/2002 08:17:39  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 9000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:03  
Date Last Updated: 05/04/2002 08:17:39  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 200512  
Above Or Underground: Under Ground  
Facility Code: 8  
Indian Reservation: No  
UST Registration Date: 11/02/1987 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

**LATLONG:**

Program Id: Not reported  
Latlong ID: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HIGHLAND VILLAGE APARTMENTS (Continued)**

**1000242368**

Latitude Degrees: Not reported  
 Latitude Minutes: Not reported  
 Latitude Seconds: Not reported  
 Longitude Degrees: Not reported  
 Longitude Minutes: Not reported  
 Longitude Seconds: Not reported  
 Collection Date: Not reported  
 Latlong Description: Not reported  
 TMSP Added: Not reported  
 Date Last Updated: Not reported  
 Staff Id Last Updated: Not reported  
 Coord Source Type: Not reported  
 Org Name Source: Not reported  
 Coord Coll Meth: Not reported  
 Map Scale Code: Not reported  
 Source: Not reported  
 Site ID: Not reported

**E37**  
**NNE**  
**1/4-1/2**  
**1613 ft.**

**OPUS CORP**  
**2110 FORD PKWY**  
**ST PAUL, MN 55116**

**RCRA-SQG 1000148799**  
**FINDS MND985666924**

**Site 3 of 6 in cluster E**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: NAME NOT REPORTED  
 (312) 555-1212  
 EPA ID: MND985666924  
 Contact: GEORGE SPEVACEK  
 (612) 936-4671

**Actual:**  
**857 ft.**

Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E38**  
**NNE**  
**1/4-1/2**  
**1613 ft.**

**CARSON PIRIE SCOTT RETAIL FACILITY**  
**2110 FORD PKWY**  
**ST. PAUL, MN 55116**

**LUST**  
**MN Spills**  
**UST**

**U000886048**  
**N/A**

**Site 4 of 6 in cluster E**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**857 ft.**

Site ID: 32205  
 MN PCA ID: 214026  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 08  
 File Archive Lot: 94/372  
 Soil Digout Date: 10/05/1989 00:00:00  
 Cubic Yards Excavated: 50  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 03/15/1991 00:00:00**  
 Contaminated Soils Remaining: No  
 Enforcement Action Begin Date: 06/06/1989 00:00:00  
 Lust Trust Eligible: No  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 02/07/1989 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:43  
 TMSP Last Update: 02/01/2006 22:10:51  
 Staff Id Last Update: CMCLAIN  
 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: 1117  
 Addr Id: 42205  
 Township Name: Not reported  
 Active Flag: No  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: Not reported  
 State County Code: 62  
 Interest Type: LS  
 Interest Phone: NO CORE PI PH.  
 Interest Start Date: 04/27/1993 10:54:27  
 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  
 TMSP Added: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CARSON PIRIE SCOTT RETAIL FACILITY (Continued)

U000886048

TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 214026  
Dw Supply Contam: Not reported  
Free Product Observed: No  
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 14:07:27  
TMSP Last Update: 11/04/2003 12:57:06  
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: 214026  
Prod Released Sequence Id: 401546  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/27/1999 12:59:07  
Tmsp Last\_updt: 05/04/2002 09:03:14  
Staff Id Last Updt: TANKS

MN SPILL:  
Program Id: 169607  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 192107  
Interest Phone: Not reported  
Preferred Id: 5075  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:17  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3236

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CARSON PIRIE SCOTT RETAIL FACILITY (Continued)**

**U000886048**

Mpca Project Manager Initials: 3094  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: RUDY SONSTEGARD  
Spill Date: Not reported  
Spill Reported Date: 02/07/1989 00:00:00  
Init Cause Code: Not reported  
Init Cause Desc: UST  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CARSON PIRIE SCOTT RETAIL FACILITY (Continued)

U000886048

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: 169607  
Spill Incident Accuracy Id: 64446  
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 06:37:20  
Staff Id Last Updt: TANKS

UST:

TANK:

MPCA Tank Number: 001  
Tank Registration Date: 04/25/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:39  
Date Last Updated: 05/04/2002 07:52:48  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42205

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CARSON PIRIE SCOTT RETAIL FACILITY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

U000886048

Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 251594  
Contractor Number: 31  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 10/25/1989 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Y  
Date Added: 05/05/2000 08:31:10  
Date Last Updated: 05/04/2002 07:52:48  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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: 10000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:07  
Date Last Updated: 05/04/2002 07:52:48  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TABSITE:

Program Interest Id: 193272  
Above Or Underground: Under Ground  
Facility Code: 31  
Indian Reservation: No  
UST Registration Date: 04/25/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05  
Date Last Updated: 05/23/2003 09:21:01  
Staff Id Who Did The Last Update: SYS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CARSON PIRIE SCOTT RETAIL FACILITY (Continued)**

**U000886048**

Max Monthly Gallons: Not reported  
 Vapor Recovery Installed: Unknown  
 Vapor Notify Required: Unknown

**LATLONG:**

Program Id: 193272  
 Latlong ID: 40271  
 Latitude Degrees: 44  
 Latitude Minutes: 55  
 Latitude Seconds: 3.41  
 Longitude Degrees: -93  
 Longitude Minutes: 11  
 Longitude Seconds: 22.05  
 Collection Date: 08/08/2000 00:00:00  
 Latlong Description: Not reported  
 TMSP Added: 8/28/2000 10:31:52 AM  
 Date Last Updated: 7/14/2004 10:02:29 PM  
 Staff Id Last Updated: jbeauma  
 Coord Source Type: 2  
 Org Name Source: MPCA  
 Coord Coll Meth: A1  
 Map Scale Code: E  
 Source: CORE  
 Site ID: 32205

**E39  
 NNE  
 1/4-1/2  
 1644 ft.**

**OASIS MARKET #572  
 2111 FORD PKWY  
 ST. PAUL, MN 55116**

**UST U003851297  
 N/A**

**Site 5 of 6 in cluster E**

**Relative:  
 Higher**

**UST:**

**Actual:  
 857 ft.**

**TANK:**

MPCA Tank Number: 001  
 Tank Registration Date: 04/30/1986 00:00:00  
 Tank Storage Capacity: 10000  
**Tank Status: Active**  
 Tank Stored Product: Gasoline  
 Tank Construction Material: Fiberglass  
 Tank Cathodic Protection: Not Needed  
 Piping Cathodic Protection: Not Needed  
 Piping Material: Fiberglass  
 Second Contain Tank: Fiberglass  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Submersible  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported  
 Piping Material Description: Not reported  
 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 10:57:16  
 Date Last Updated: 01/24/2006 14:42:11

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OASIS MARKET #572 (Continued)

U003851297

Staff Id Who Did The Last Update: JHENRY  
In Compliance: No  
Serial Number: Not reported  
Address Id: 260918  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 900073  
Contractor Number: 178  
Supervisor Number: 10473  
Tank Action: Repair Or Upgrade Tank  
Action Date: 12/21/2005 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: vapor recovery  
Lab Flag: Not reported  
Date Added: 01/24/2006 14:42:39  
Date Last Updated: 06/23/2006 07:14:36  
Staff Id Who Did The Last Update: SSCHACH

TANK COMPARTMENT:

MPCA Tank Number: 001  
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 10:58:41  
Date Last Updated: 05/04/2002 07:52:01  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 002  
Tank Registration Date: 04/30/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status:** Active  
Tank Stored Product: Gasoline

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OASIS MARKET #572 (Continued)

U003851297

Tank Construction Material: Fiberglass  
Tank Cathodic Protection: Not Needed  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:01  
Date Last Updated: 01/24/2006 14:42:45  
Staff Id Who Did The Last Update: JHENRY  
In Compliance: No  
Serial Number: Not reported  
Address Id: 260918  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 900074  
Contractor Number: 178  
Supervisor Number: 10473  
Tank Action: Repair Or Upgrade Tank  
Action Date: 12/21/2005 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: vapor recovery  
Lab Flag: Not reported  
Date Added: 01/24/2006 14:43:03  
Date Last Updated: 06/23/2006 07:14:47  
Staff Id Who Did The Last Update: SSCHACH

TANK COMPARTMENT:

MPCA Tank Number: 002  
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 10:58:28  
Date Last Updated: 05/04/2002 07:52:01  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported  
Tank Construction Material Code: Not reported  
Piping Material: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OASIS MARKET #572 (Continued)

U003851297

Piping Material Desc: Not reported  
Total Tank Capacity Quantity: Not reported  
Staff Id Who Did The Last Update: 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

TANK:

MPCA Tank Number: 003  
Tank Registration Date: 04/30/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Active**  
Tank Stored Product: Gasoline  
Tank Construction Material: Fiberglass  
Tank Cathodic Protection: Not Needed  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:16  
Date Last Updated: 01/24/2006 14:43:09  
Staff Id Who Did The Last Update: JHENRY  
In Compliance: No  
Serial Number: Not reported  
Address Id: 260918  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 900075  
Contractor Number: 178  
Supervisor Number: 10473  
Tank Action: Repair Or Upgrade Tank  
Action Date: 12/21/2005 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: vapor recovery  
Lab Flag: Not reported  
Date Added: 01/24/2006 14:43:53  
Date Last Updated: 06/23/2006 07:14:55  
Staff Id Who Did The Last Update: SSCHACH



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

OASIS MARKET #572 (Continued)

U003851297

TANK COMPARTMENT:  
MPCA Tank Number: 003  
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 10:58:41  
Date Last Updated: 05/04/2002 07:52:01  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
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  
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

TANK:  
MPCA Tank Number: 004  
Tank Registration Date: 04/30/1986 00:00:00  
Tank Storage Capacity: 550  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:36  
Date Last Updated: 05/04/2002 07:52:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**OASIS MARKET #572 (Continued)**

**U003851297**

Serial Number: Not reported  
Address Id: 260918  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Tank Action ID: 247968  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 05/01/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:58  
Date Last Updated: 05/04/2002 07:52:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 550  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:05  
Date Last Updated: 05/04/2002 07:52:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 193045  
Above Or Underground: Under Ground  
Facility Code: 34  
Indian Reservation: No  
UST Registration Date: 04/30/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**OASIS MARKET #572 (Continued)**

**U003851297**

Date Last Updated: 01/24/2006 14:44:04  
 Staff Id Who Did The Last Update: JHENRY  
 Max Monthly Gallons: Not reported  
 Vapor Recovery Installed: Yes  
 Vapor Notify Required: Unknown

**LATLONG:**

Program Id: Not reported  
 Latlong ID: Not reported  
 Latitude Degrees: Not reported  
 Latitude Minutes: Not reported  
 Latitude Seconds: Not reported  
 Longitude Degrees: Not reported  
 Longitude Minutes: Not reported  
 Longitude Seconds: Not reported  
 Collection Date: Not reported  
 Latlong Description: Not reported  
 TMSP Added: Not reported  
 Date Last Updated: Not reported  
 Staff Id Last Updated: Not reported  
 Coord Source Type: Not reported  
 Org Name Source: Not reported  
 Coord Coll Meth: Not reported  
 Map Scale Code: Not reported  
 Source: Not reported  
 Site ID: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**E40  
 NNE  
 1/4-1/2  
 1644 ft.**

**FINA MART #572 (TEXACO STATION)  
 2111 FORD PKWY  
 ST. PAUL, MN 55116**

**LUST S103909369  
 MN Spills N/A**

**Site 6 of 6 in cluster E**

**Relative:  
 Higher**

**Actual:  
 857 ft.**

**LUST:**  
 Site ID: 216318  
 MN PCA ID: 213831  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: Not reported  
 File Archive Lot: Not reported  
 Soil Digout Date: 01/01/1901 00:00:00  
 Cubic Yards Excavated: 25  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 06/24/1999 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 04/04/1989 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Yes  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 02/07/1989 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:43

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FINA MART #572 (TEXACO STATION) (Continued)**

**S103909369**

TMSP Last Update: 09/22/2004 11:55:07  
Staff Id Last Update: CMCLAIN  
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: 913  
Addr Id: 260918  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 06/21/1999 00:00:00  
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: 213831  
TMSP Added: 12/04/1999 14:05:13  
TMSP Last Update: 05/04/2002 09:02:32  
Staff Id Last Update: TANKS

**LEAK GW INFO:**

MN PCA ID: 213831  
Dw Supply Contam: No  
Free Product Observed: Yes  
Free Product Thickness: Not reported  
Ground Water Contam: Yes  
Gw Cleanup Goal: 0  
Gw Exceeds Cleanup Goal: Yes  
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 14:07:27  
TMSP Last Update: 11/04/2003 12:57:06  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FINA MART #572 (TEXACO STATION) (Continued)**

**S103909369**

PWS Well: Not reported  
Prot Flag: Not reported  
Sens Flag: Not reported  
  
LEAK PRODUCT RELEASED:  
MN PCA ID: 213831  
Prod Released Sequence Id: 401447  
Leak Product Code: Gasoline, Type Unknown  
Tmsp Added: 12/27/1999 12:59:07  
Tmsp Last\_updt: 05/04/2002 09:02:32  
Staff Id Last Updt: TANKS

MN SPILL:  
Program Id: 180609  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 260918  
Interest Phone: Not reported  
Preferred Id: 22939  
Interest Start Date: 02/06/1996 06:22:56  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 02/06/1996 06:22:56  
Tmsp Last Updt: 06/19/2002 16:58:21  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Refer To VIC  
Report Taken By Initials: 3075  
Mpca Project Manager Initials: 3075  
Spill Site Closure Date: 01/25/1996 00:00:00  
Sp Rep Desc: ST PAUL FIRE  
Spill Date: 01/25/1996 00:00:00  
Spill Reported Date: 01/25/1996 00:00:00  
Init Cause Code: Human Error  
Init Cause Desc: HUMAN ERROR  
Initial Source Code: 7  
Priority Code: 4  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FINA MART #572 (TEXACO STATION) (Continued)**

**S103909369**

Box: 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  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: CAR DROVE AWAY WITH NOZZLE IN TANK

**MN SPILL ACTION:**

Spill Action Code: 3  
Spill Action Person: Not reported  
Spill Action Date: Not reported  
Tmsp Added: 02/06/1996 06:22:56  
Tmsp Last Updt: 05/04/2002 07:11:33  
Staff Id Last Updt: TANKS

**MN SPILL AFFECTED DESCRIPTION:**

Spill Inc. Affect Code: Street, Parking Lot  
Tmsp Added: 02/06/1996 06:22:56  
Tmsp Last Updt: 05/04/2002 07:11:33  
Staff Id Last Updt: TANKS  
Spill Inc. Affect Code: Business  
Tmsp Added: 02/06/1996 06:22:56  
Tmsp Last Updt: 05/04/2002 07:11:33  
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: 180609  
Spill Incident Accuracy Id: 74670  
Spill Product Code: Gasoline, Type Unknown  
Spill Qty Units Code: Gallons

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FINA MART #572 (TEXACO STATION) (Continued)**

**S103909369**

Spill Incident Accuracy Code: Known  
Spill Released Qty: 10  
Tmsp Added: 02/06/1996 06:22:56  
Tmsp Last Updt: 05/04/2002 07:11:33  
Staff Id Last Updt: TANKS

**G41  
NW  
1/4-1/2  
1657 ft.**

**HAKO MINUTEMAN  
2278 FORD PKWY  
ST. PAUL, MN 55116**

**UST U000727709  
N/A**

**Site 1 of 6 in cluster G**

**Relative:  
Lower**

UST:

**Actual:  
812 ft.**

TANK:

MPCA Tank Number: 001  
Tank Registration Date: 08/20/1991 00:00:00  
Tank Storage Capacity: 4000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:21  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 202507  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 849835  
Contractor Number: 13  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 05/29/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:44  
Date Last Updated: 05/04/2002 08:29:08  
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

HAKO MINUTEMAN (Continued)

U000727709

TANK COMPARTMENT:  
MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 4000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:45  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
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  
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

TANK:  
MPCA Tank Number: 002  
Tank Registration Date: 08/20/1991 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Mineral Spirits  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:14  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HAKO MINUTEMAN (Continued)**

**U000727709**

Serial Number: Not reported  
Address Id: 202507  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 849836  
Contractor Number: 13  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 05/29/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:44  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 19  
Tank Stored Product Desc: MINERAL SPIRITS  
Compartment Cap: 1000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:38  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 003  
Tank Registration Date: 08/20/1991 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Mineral Spirits  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HAKO MINUTEMAN (Continued)**

**U000727709**

Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:44  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 202507  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 849837  
Contractor Number: 13  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 05/29/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:44  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 19  
Tank Stored Product Desc: MINERAL SPIRITS  
Compartment Cap: 1000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:11  
Date Last Updated: 05/04/2002 08:29:08  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**HAKO MINUTEMAN (Continued)**

**U000727709**

Staff Id Who Did The Last Update: 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

**TABSITE:**

Program Interest Id: 203905  
Above Or Underground: Under Ground  
Facility Code: 19  
Indian Reservation: No  
UST Registration Date: 08/20/1991 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

**LATLONG:**

Program Id: Not reported  
Latlong ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported  
Latlong Description: Not reported  
TMSP Added: Not reported  
Date Last Updated: Not reported  
Staff Id Last Updated: Not reported  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: Not reported  
Site ID: Not reported

[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

**G42**      **FIRESTONE 29PR**  
**NNW**      **2269 FORD PKWY**  
**1/4-1/2**    **SAINT PAUL, MN 55116**  
**1666 ft.**

**RCRA-SQG**    **1000452459**  
**FINDS**        **MND985685643**

**Site 2 of 6 in cluster G**

**Relative:**  
**Lower**

RCRAInfo:  
 Owner:            BRIDGESTONE FIRESTONE INC  
 EPA ID:           MND985685643  
 Contact:          PAUL QUAYLE  
                       (612) 690-5123

**Actual:**  
**812 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.

**G43**      **MULTI-CLEAN**  
**NNW**      **2277 FORD PKWY**  
**1/4-1/2**    **ST. PAUL, MN 55116**  
**1683 ft.**

**LUST**    **S106546783**  
**N/A**

**Site 3 of 6 in cluster G**

**Relative:**  
**Lower**

LUST:  
 Site ID:            32084  
 MN PCA ID:        213447  
 Leak Site:          Leak Site - Tank and Petroleum Contamination  
 File Archive Box:    05  
 File Archive Lot:    95/356  
 Soil Digout Date:    Not reported  
 Cubic Yards Excavated: 0  
 Cond Closure Date:   Not reported  
**Complete Site Closure Date: 06/01/1992 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 04/15/1988 00:00:00  
 Lust Trust Eligible:    Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date:    01/15/1988 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag:    No  
 TMSP Added:        12/04/1999 14:03:43

**Actual:**  
**811 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**MULTI-CLEAN (Continued)**

**S106546783**

TMSP Last Update: 05/07/2003 07:31:43  
Staff Id Last Update: KMITZUK  
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: 495  
Addr Id: 42084  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 06/02/1992 08:21:49  
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: 213447  
TMSP Added: 12/04/1999 14:05:10  
TMSP Last Update: 05/04/2002 09:01:05  
Staff Id Last Update: TANKS

**LEAK GW INFO:**

MN PCA ID: 213447  
Dw Supply Contam: Not reported  
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: 3  
TMSP Added: 12/04/1999 14:07:27  
TMSP Last Update: 11/04/2003 12:57:06  
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MULTI-CLEAN (Continued)**

EDR ID Number  
 EPA ID Number

**S106546783**

PWS Well: Not reported  
 Prot Flag: Not reported  
 Sens Flag: Not reported

**LEAK PRODUCT RELEASED:**

MN PCA ID: 213447  
 Prod Released Sequence Id: 401280  
 Leak Product Code: Fuel Oil 1 and 2  
 Tmsp Added: 12/27/1999 12:59:07  
 Tmsp Last\_updt: 05/04/2002 09:01:05  
 Staff Id Last Updt: TANKS

**G44  
 NW  
 1/4-1/2  
 1685 ft.**

**PETCO - FORD PARKWAY  
 2277 FORD PKWY  
 ST PAUL, MN 55116**

**RCRA-SQG 1000411500  
 FINDS MND147588529  
 UST**

**Site 4 of 6 in cluster G**

**Relative:  
 Lower**

RCRAInfo:  
 Owner: MINUTEMAN HAKO  
 (312) 555-1212  
 EPA ID: MND147588529  
 Contact: LAUREN JONASON  
 (612) 698-8833

**Actual:  
 811 ft.**

Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

PETCO - FORD PARKWAY (Continued)

1000411500

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

UST:

TANK:

MPCA Tank Number: 001  
Tank Registration Date: 02/17/1986 00:00:00  
Tank Storage Capacity: 4000  
**Tank Status: Removed**  
Tank Stored Product: Mineral Spirits  
Tank Construction Material: Other  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:54  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42084  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 304070  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 07/08/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:31  
Date Last Updated: 05/04/2002 07:50:57  
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

PETCO - FORD PARKWAY (Continued)

1000411500

TANK COMPARTMENT:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 19  
Tank Stored Product Desc: MINERAL SPIRITS  
Compartment Cap: 4000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:21  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 002  
Tank Registration Date: 02/17/1986 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Chemical Other Or Unspecified  
Tank Construction Material: Other  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Unknown  
Haz Waste Generator Id: MND985687946  
Product Replaced Date: Not reported  
Sludge Disposal Facility: GREAT WESTERN RECYCLING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:54  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

PETCO - FORD PARKWAY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

1000411500

Serial Number: Not reported  
Address Id: 42084  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 304071  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 07/01/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:31  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 7  
Tank Stored Product Desc: ISOPROPYL ALCOHOL  
Compartment Cap: 1000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:21  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 003  
Tank Registration Date: 02/17/1986 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Mineral Spirits  
Tank Construction Material: Other  
Tank Cathodic Protection: Anode

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PETCO - FORD PARKWAY (Continued)**

**1000411500**

Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Unknown  
Haz Waste Generator Id: MND985687946  
Product Replaced Date: Not reported  
Sludge Disposal Facility: GREAT WESTERN RECYCLING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:46  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42084  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 297364  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 07/08/1985 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:31  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 19  
Tank Stored Product Desc: Not reported  
Compartment Cap: 1000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:14  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PETCO - FORD PARKWAY (Continued)**

**1000411500**

Staff Id Who Did The Last Update: 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

**TANK:**

MPCA Tank Number: 004  
Tank Registration Date: 02/17/1986 00:00:00  
Tank Storage Capacity: 3000  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Yes  
Haz Waste Generator Id: MND985687946  
Product Replaced Date: Not reported  
Sludge Disposal Facility: GREAT WESTERN RECYCLING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:24  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42084  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Tank Action ID: 243646  
Contractor Number: 13  
Supervisor Number: 1254  
Tank Action: Remove Tank  
Action Date: 06/17/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:31  
Date Last Updated: 05/04/2002 07:50:57  
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

PETCO - FORD PARKWAY (Continued)

1000411500

TANK COMPARTMENT:

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: 3000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:53  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 005  
Tank Registration Date: 02/17/1986 00:00:00  
Tank Storage Capacity: 2500  
**Tank Status:** **Closed In-Place**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:01  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PETCO - FORD PARKWAY (Continued)**

**1000411500**

Serial Number: Not reported  
Address Id: 42084  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 005  
Above Or Underground: Under Ground  
Tank Action ID: 241841  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Close In Place  
Action Date: 09/14/1989 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:31  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 2500  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:28  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 192732  
Above Or Underground: Under Ground  
Facility Code: 31  
Indian Reservation: No  
UST Registration Date: 02/17/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**PETCO - FORD PARKWAY (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000411500**

Date Last Updated: 05/23/2003 09:21:00  
 Staff Id Who Did The Last Update: SYS  
 Max Monthly Gallons: Not reported  
 Vapor Recovery Installed: Unknown  
 Vapor Notify Required: Unknown

**LATLONG:**

Program Id: 192732  
 Latlong ID: 40184  
 Latitude Degrees: 44  
 Latitude Minutes: 55  
 Latitude Seconds: 4.36  
 Longitude Degrees: -93  
 Longitude Minutes: 11  
 Longitude Seconds: 47.65  
 Collection Date: 08/08/2000 00:00:00  
 Latlong Description: Not reported  
 TMSP Added: 8/28/2000 10:31:52 AM  
 Date Last Updated: 7/14/2004 10:02:29 PM  
 Staff Id Last Updated: jbeauma  
 Coord Source Type: 2  
 Org Name Source: MPCA  
 Coord Coll Meth: A1  
 Map Scale Code: E  
 Source: CORE  
 Site ID: 32084

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**45**  
**WNW**  
**1/4-1/2**  
**1749 ft.**

**CONVOY CO**  
**2811 HIGHWAY 55**  
**EAGAN, MN 55121**

**LUST** **U000884204**  
**MN Spills** **N/A**  
**UST**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**811 ft.**

Site ID: 34149  
 MN PCA ID: 213252  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: Not reported  
 File Archive Lot: Not reported  
 Soil Digout Date: 06/22/1991 00:00:00  
 Cubic Yards Excavated: 6  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: Not reported**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 10/13/1987 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: No  
 Reimbursement Awarded: No  
 Release Discovered Date: 10/13/1987 00:00:00  
 Leak Reported Date: 10/13/1987 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:42  
 TMSP Last Update: 11/17/2006 12:55:19

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Staff Id Last Update: JDIETZ  
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: 257  
Addr Id: 44179  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 19  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 06/11/1999 00:00:00  
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: See file 4992- Note to file: Will use same deadline dates as 4992

LEAK CLEANUP ACTIONS:

MN PCA ID: 213252  
TMSP Added: 12/04/1999 14:05:06  
TMSP Last Update: 05/04/2002 09:00:21  
Staff Id Last Update: TANKS  
MN PCA ID: 213252  
TMSP Added: 12/04/1999 14:05:10  
TMSP Last Update: 05/04/2002 09:00:21  
Staff Id Last Update: TANKS

LEAK GW INFO:

MN PCA ID: 213252  
Dw Supply Contam: Not reported  
Free Product Observed: Yes  
Free Product Thickness: Not reported  
Ground Water Contam: Yes  
Gw Cleanup Goal: 1  
Gw Exceeds Cleanup Goal: Yes  
Cleanup Goal Achieved: Not reported  
Water Supply Exceeds Ral: Yes  
Well Type Code: Not reported  
Impacted Aquifer Code: 1  
TMSP Added: 12/04/1999 14:07:26  
TMSP Last Update: 11/04/2003 12:57:06  
Staff Id Last Update: RSUCHAN  
Mtbe Present Now: Yes  
Mtbe Present Historically: Yes  
Mtbe High Ug Per Liter Char: 63000  
Mtbe High Ug Per Liter Numb: 63000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Mtbe High Level Date: 01/26/1999 00:00:00  
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: 213252  
Prod Released Sequence Id: 327225  
Leak Product Code: Gasoline Regular  
Tmsp Added: 12/04/1999 14:04:43  
Tmsp Last\_updt: 05/04/2002 09:00:21  
Staff Id Last Updt: TANKS  
MN PCA ID: 213252  
Prod Released Sequence Id: 401209  
Leak Product Code: Diesel  
Tmsp Added: 12/27/1999 12:59:07  
Tmsp Last\_updt: 05/04/2002 09:00:21  
Staff Id Last Updt: TANKS

Site ID: 34149  
MN PCA ID: 214946  
Leak Site: Leak Site - Tank and Petroleum Contamination  
File Archive Box: 41  
File Archive Lot: 94/372  
Soil Digout Date: Not reported  
Cubic Yards Excavated: 0  
Cond Closure Date: Not reported  
**Complete Site Closure Date: 02/21/1990 00:00:00**  
Contaminated Soils Remaining: S  
Enforcement Action Begin Date: 01/01/1901 00:00:00  
Lust Trust Eligible: Yes  
Offsite Contamination: Unknown  
Reimbursement Awarded: No  
Release Discovered Date: Not reported  
Leak Reported Date: 12/08/1989 00:00:00  
Std Letter Response Date: Not reported  
Surface Water Impact: Unknown  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:44  
TMSP Last Update: 05/04/2002 09:06:31  
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: 2126  
Addr Id: 44179  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 19  
Interest Type: LS



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CONVOY CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U000884204

Interest Phone: NO CORE PI PH.  
Interest Start Date: 03/05/1999 13:40:28  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 214946  
Dw Supply Contam: Not reported  
Free Product Observed: No  
Free Product Thickness: Not reported  
Ground Water Contam: S  
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 14:07:28  
TMSP Last Update: 11/04/2003 12:57:06  
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: 214946  
Prod Released Sequence Id: 402032  
Leak Product Code: Diesel  
Tmsp Added: 12/27/1999 12:59:07  
Tmsp Last\_updt: 05/04/2002 09:06:31  
Staff Id Last Updt: TANKS

MN SPILL:

Program Id: 169525  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 239924

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Interest Phone: Not reported  
Preferred Id: 4989  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:17  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 19  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3234  
Mpca Project Manager Initials: 3234  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: ANONYMOUS  
Spill Date: 05/02/1989 00:00:00  
Spill Reported Date: 05/02/1989 00:00:00  
Init Cause Code: Disposal/Abandonment  
Init Cause Desc: 2 DRUMS DUMPED  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CONVOY CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U000884204

Public Safety Spill ID: Not reported  
Site ID: 0  
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  
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:  
Program ID: 169525  
Spill Incident Accuracy Id: 64369  
Spill Product Code: Petroleum, Unspecified  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 100  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 05/04/2002 06:37:05  
Staff Id Last Updt: TANKS

Program Id: 169691  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 239924  
Interest Phone: Not reported  
Preferred Id: 5165  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:17  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 19  
Country Code: USA

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3297  
MPCA Project Manager Initials: 3297  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: GARY WICKS  
Spill Date: 05/03/1989 00:00:00  
Spill Reported Date: 05/03/1989 00:00:00  
Init Cause Code: Disposal/Abandonment  
Init Cause Desc: BARREL  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

**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  
Staff Id Last Updt:    Not reported

**MN SPILL PRODUCT:**

Program ID:    169691  
Spill Incident Accuracy Id:    64524  
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 06:37:36  
Staff Id Last Updt:    TANKS

Program Id:    171536  
Township Name:    Not reported  
Interest Type:    SP  
Addr Id:    239924  
Interest Phone:    Not reported  
Preferred Id:    13119  
Interest Start Date:    03/21/1996 00:00:00  
Interest End Date:    Not reported  
Active:    Not reported  
Tmsp Added:    03/21/1996 00:00:00  
Tmsp Last Updt:    06/19/2002 16:58:18  
Staff Id Last Updt:    TANKS  
fadd2:    Not reported  
State County Code:    19  
Country Code:    USA  
Foreign State:    Not reported  
Foreign Zone:    None  
**Spill Closure Code:    Not reported**  
Sp Rep Code:    Not reported  
Report Taken By Initials:    3258  
MPCA Project Manager Initials:    3258  
Spill Site Closure Date:    01/01/1996 00:00:00  
Sp Rep Desc:    GARY WRICKS  
Spill Date:    01/26/1990 00:00:00  
Spill Reported Date:    01/26/1990 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Init Cause Code: Spill  
Init Cause Desc: OVERFILL  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

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:                171536  
Spill Incident Accuracy Id: 66229  
Spill Product Code:        Petroleum, Unspecified  
Spill Qty Units Code:      Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty:        5  
Tmsp Added:                03/21/1996 00:00:00  
Tmsp Last Updt:            05/04/2002 06:43:18  
Staff Id Last Updt:        TANKS

Program Id:                172025  
Township Name:            Not reported  
Interest Type:             SP  
Addr Id:                    239924  
Interest Phone:            Not reported  
Preferred Id:                13653  
Interest Start Date:        03/21/1996 00:00:00  
Interest End Date:         Not reported  
Active:                    Not reported  
Tmsp Added:                03/21/1996 00:00:00  
Tmsp Last Updt:            06/19/2002 16:58:19  
Staff Id Last Updt:        TANKS  
fadd2:                      Not reported  
State County Code:        19  
Country Code:              USA  
Foreign State:             Not reported  
Foreign Zone:             None  
**Spill Closure Code:        Not reported**  
Sp Rep Code:                Not reported  
Report Taken By Initials: 3258  
MPCA Project Manager Initials: 3258  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc:                GARY WICKS  
Spill Date:                 04/27/1990 00:00:00  
Spill Reported Date:      04/27/1990 00:00:00  
Init Cause Code:            Spill  
Init Cause Desc:            PUMP SPILL  
Initial Source Code:        Not reported  
Priority Code:               4  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

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
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
Public Safety Spill ID:	Not reported
Site ID:	0
Comments:	Not reported
<b>MN SPILL ACTION:</b>	
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
<b>MN SPILL AFFECTED DESCRIPTION:</b>	
Spill Inc. Affect Code:	Not reported
Tmsp Added:	Not reported
Tmsp Last Updt:	Not reported
Staff Id Last Updt:	Not reported
<b>MN SPILL EMERGENCY:</b>	
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
<b>MN SPILL PREVENTION:</b>	
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



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

**MN SPILL PRODUCT:**

Program ID: 172025  
 Spill Incident Accuracy Id: 66680  
 Spill Product Code: Petroleum, Unspecified  
 Spill Qty Units Code: Gallons  
 Spill Incident Accuracy Code: Known  
 Spill Released Qty: 2  
 Tmsp Added: 03/21/1996 00:00:00  
 Tmsp Last Updt: 05/04/2002 06:44:49  
 Staff Id Last Updt: TANKS

Program Id: 172390  
 Township Name: Not reported  
 Interest Type: SP  
 Addr Id: 239924  
 Interest Phone: Not reported  
 Preferred Id: 14063  
 Interest Start Date: 03/21/1996 00:00:00  
 Interest End Date: Not reported  
 Active: Not reported  
 Tmsp Added: 03/21/1996 00:00:00  
 Tmsp Last Updt: 06/19/2002 16:58:19  
 Staff Id Last Updt: TANKS  
 fadd2: Not reported  
 State County Code: 19  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
**Spill Closure Code: Not reported**  
 Sp Rep Code: Not reported  
 Report Taken By Initials: 3234  
 MPCA Project Manager Initials: 3234  
 Spill Site Closure Date: 01/01/1996 00:00:00  
 Sp Rep Desc: GARY WICKS  
 Spill Date: 09/06/1990 00:00:00  
 Spill Reported Date: 09/06/1990 00:00:00  
 Init Cause Code: Other  
 Init Cause Desc: HOSE  
 Initial Source Code: Not reported  
 Priority Code: 4  
 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  
 Closure Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

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
Public Safety Spill ID:	Not reported
Site ID:	0
Comments:	Not reported
<b>MN SPILL ACTION:</b>	
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
<b>MN SPILL AFFECTED DESCRIPTION:</b>	
Spill Inc. Affect Code:	Not reported
Tmsp Added:	Not reported
Tmsp Last Updt:	Not reported
Staff Id Last Updt:	Not reported
<b>MN SPILL EMERGENCY:</b>	
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
<b>MN SPILL PREVENTION:</b>	
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
<b>MN SPILL PRODUCT:</b>	
Program ID:	172390
Spill Incident Accuracy Id:	67016
Spill Product Code:	Light Fuel Oil and Diesel
Spill Qty Units Code:	Gallons
Spill Incident Accuracy Code:	Known
Spill Released Qty:	3
Tmsp Added:	03/21/1996 00:00:00
Tmsp Last Updt:	05/04/2002 06:45:57
Staff Id Last Updt:	TANKS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Program Id: 172521  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 239924  
Interest Phone: Not reported  
Preferred Id: 14202  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:19  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 19  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3234  
MPCA Project Manager Initials: 3234  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: GARY WICKS  
Spill Date: 10/19/1990 00:00:00  
Spill Reported Date: 10/19/1990 00:00:00  
Init Cause Code: Spill  
Init Cause Desc: OVERFILL  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Incident: Not reported  
Respnbl Party: Not reported  
Spill Cause: Not reported  
Action Taken: Not reported  
Public Safety Spill ID: Not reported  
Site ID: 0  
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  
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:  
Program ID: 172521  
Spill Incident Accuracy Id: 67137  
Spill Product Code: Light Fuel Oil and Diesel  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 5  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 05/04/2002 06:46:22  
Staff Id Last Updt: TANKS

Program Id: 173130  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 239924  
Interest Phone: Not reported  
Preferred Id: 14876  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:19

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Staff Id Last Updt:            TANKS  
fadd2:                            Not reported  
State County Code:            19  
Country Code:                 USA  
Foreign State:                 Not reported  
Foreign Zone:                 None  
**Spill Closure Code:            Not reported**  
Sp Rep Code:                    Not reported  
Report Taken By Initials:     3234  
Mpca Project Manager Initials: 3234  
Spill Site Closure Date:      01/01/1996 00:00:00  
Sp Rep Desc:                    GARY WICKS  
Spill Date:                     06/04/1991 00:00:00  
Spill Reported Date:         06/04/1991 00:00:00  
Init Cause Code:                Equipment Failure  
Init Cause Desc:                LINE ON DISPENSER  
Initial Source Code:            Not reported  
Priority Code:                    4  
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  
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  
Public Safety Spill ID:         Not reported  
Site ID:                         0  
Comments:                        Not reported  
  
MN SPILL ACTION:  
Spill Action Code:              Not reported  
Spill Action Person:            Not reported  
Spill Action Date:               Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CONVOY CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U000884204

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  
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:  
Program ID: 173130  
Spill Incident Accuracy Id: 67705  
Spill Product Code: Light Fuel Oil and Diesel  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 3  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 05/04/2002 06:48:15  
Staff Id Last Updt: TANKS

Program Id: 173203  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 239924  
Interest Phone: Not reported  
Preferred Id: 14953  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:19  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 19  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3075  
MPCA Project Manager Initials: 3075  
Spill Site Closure Date: 06/20/1990 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Sp Rep Desc:                    GARY WICKS  
Spill Date:                    06/19/1991 00:00:00  
Spill Reported Date:        06/19/1991 00:00:00  
Init Cause Code:            Spill  
Init Cause Desc:            OVERFILL DUE TO STUC  
Initial Source Code:        Not reported  
Priority Code:                4  
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  
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  
Public Safety Spill ID:    Not reported  
Site ID:                      0  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

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:                 173203  
Spill Incident Accuracy Id: 67771  
Spill Product Code:         Light Fuel Oil and Diesel  
Spill Qty Units Code:       Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty:         5  
Tmsp Added:                 03/21/1996 00:00:00  
Tmsp Last Updt:            05/04/2002 06:48:29  
Staff Id Last Updt:         TANKS

Program Id:                 176150  
Township Name:             Not reported  
Interest Type:              SP  
Addr Id:                     239924  
Interest Phone:             Not reported  
Preferred Id:                18118  
Interest Start Date:        03/21/1996 00:00:00  
Interest End Date:         Not reported  
Active:                     Not reported  
Tmsp Added:                 03/21/1996 00:00:00  
Tmsp Last Updt:            06/19/2002 16:58:20  
Staff Id Last Updt:         TANKS  
fadd2:                      Not reported  
State County Code:         19  
Country Code:               USA  
Foreign State:              Not reported  
Foreign Zone:               None  
**Spill Closure Code:        Not reported**  
Sp Rep Code:                Not reported  
Report Taken By Initials: 3297  
MPCA Project Manager Initials: 3297  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc:                CRAIG JOHANSEN  
Spill Date:                 07/09/1993 00:00:00  
Spill Reported Date:       07/09/1993 00:00:00  
Init Cause Code:            Spill  
Init Cause Desc:            SOIL CLEAN-UP AND DI  
Initial Source Code:        Not reported  
Priority Code:               4  
Archive Lot:                Not reported  
Archive Box:                Not reported  
Rep Phone:                  Not reported  
Rep Name:                    Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: commercial carriers

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Tmsp Last Updt:            Not reported  
Staff Id Last Updt:        Not reported  
  
MN SPILL PRODUCT:  
Program ID:                176150  
Spill Incident Accuracy Id: 70520  
Spill Product Code:        Light Fuel Oil and Diesel  
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 06:57:39  
Staff Id Last Updt:        TANKS

Program Id:                189093  
Township Name:            Not reported  
Interest Type:             SP  
Addr Id:                    239924  
Interest Phone:            Not reported  
Preferred Id:               2172  
Interest Start Date:       03/21/1996 00:00:00  
Interest End Date:        Not reported  
Active:                    Not reported  
Tmsp Added:                03/21/1996 00:00:00  
Tmsp Last Updt:            06/19/2002 16:58:23  
Staff Id Last Updt:        TANKS  
fadd2:                      Not reported  
State County Code:        19  
Country Code:              USA  
Foreign State:             Not reported  
Foreign Zone:              None  
**Spill Closure Code:        Not reported**  
Sp Rep Code:               Not reported  
Report Taken By Initials: 1612  
MPCA Project Manager Initials: 3236  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc:               ANONYMOUS  
Spill Date:                11/11/1900 00:00:00  
Spill Reported Date:      03/23/1989 00:00:00  
Init Cause Code:           Spill  
Init Cause Desc:           SPILL  
Initial Source Code:       Not reported  
Priority Code:              4  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Box: 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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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  
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:

Program ID: 189093  
Spill Incident Accuracy Id: 82742  
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 07:38:29

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Staff Id Last Updt:                    TANKS

UST:

TANK:

MPCA Tank Number:                    001  
Tank Registration Date:                04/22/1986 00:00:00  
Tank Storage Capacity:                10000  
**Tank Status:**                        **Removed**  
Tank Stored Product:                   Diesel  
Tank Construction Material:           Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection:            None  
Piping Cathodic Protection:         None  
Piping Material:                        Galvanized steel  
Second Contain Tank:                  Galvanized steel  
Second Contain Pipe:                  Not reported  
Tank Dispenser:                        Suction  
Above/ Under Ground:                 Under Ground  
AST Base Material:                     Not reported  
Piping Material Description:         Not reported  
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 10:56:28  
Date Last Updated:                    05/04/2002 07:44:24  
Staff Id Who Did The Last Update:    TANKS  
In Compliance:                         No  
Serial Number:                          Not reported  
Address Id:                               44179  
Fac Address 2:                          Not reported

TANK ACTION:

MPCA Tank Number:                    001  
Above Or Underground:                Under Ground  
Tank Action ID:                         243907  
Contractor Number:                    25  
Supervisor Number:                    1512  
Tank Action:                             Remove Tank  
Action Date:                             06/26/1992 00:00:00  
Action Date Unknown:                 Not reported  
Corrosion Expert Name:                Not reported  
Lab Flag:                                 N  
Date Added:                              05/05/2000 08:31:09  
Date Last Updated:                    05/04/2002 07:44:24  
Staff Id Who Did The Last Update:    TANKS

TANK COMPARTMENT:

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:58  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 002  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status: Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:38  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 289926

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1900 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 002  
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 10:58:06  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 003  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 10000  
**Tank Status:** **Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

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 10:57:08  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 266723  
Contractor Number: 25  
Supervisor Number: 1512  
Tank Action: Remove Tank  
Action Date: 06/26/1992 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 003  
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 10:58:34  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

TANK:

MPCA Tank Number: 004  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 8000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:15  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Tank Action ID: 270620  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 06/28/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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 10:58:41  
Date Last Updated: 05/04/2002 07:44:24



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 005  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 5000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:01  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 005  
Above Or Underground: Under Ground  
Tank Action ID: 262827  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 06/28/1988 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 005  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 5000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:27  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 006  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Unknown  
Haz Waste Generator Id: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:46  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 006  
Above Or Underground: Under Ground  
Tank Action ID: 255081  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 06/28/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 006  
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 10:58:13  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

MPCA Tank Number: 007  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 2000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:53  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 007  
Above Or Underground: Under Ground  
Tank Action ID: 258991  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 06/28/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 007  
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 10:58:20  
Date Last Updated: 05/04/2002 07:44:24  
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

CONVOY CO (Continued)

U000884204

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 009  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 9500  
**Tank Status: Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:38  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 009  
Above Or Underground: Under Ground  
Tank Action ID: 251082  
Contractor Number: 25  
Supervisor Number: 1512  
Tank Action: Remove Tank  
Action Date: 06/26/1992 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

CONVOY CO (Continued)

U000884204

Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 009  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 9500  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:06  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 010  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 2000  
**Tank Status: Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Comments: Not reported  
Date Added: 10/10/1999 10:56:31  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 010  
Above Or Underground: Under Ground  
Tank Action ID: 247299  
Contractor Number: 25  
Supervisor Number: 1512  
Tank Action: Remove Tank  
Action Date: 06/26/1992 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 010  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 2000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:00  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 011  
Tank Registration Date: 04/22/1986 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Tank Storage Capacity: 2000  
**Tank Status:** **Removed**  
Tank Stored Product: Used Or Waste Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:51  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 011  
Above Or Underground: Under Ground  
Tank Action ID: 297146  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1900 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 011  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 24  
Tank Stored Product Desc: WASTE OIL  
Compartment Cap: 2000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:19  
Date Last Updated: 05/04/2002 07:44:24  
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

CONVOY CO (Continued)

U000884204

INSTALL REMOVE:  
MPCA Tank Number: 011  
Tank Construction Material Code: 1  
Piping Material: 2  
Piping Material Desc: GALVANIZED STEEL  
Total Tank Capacity Quantity: 2000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Used Or Waste Oil  
INSREM Product Description: WASTE OIL  
INSREM Action ID: 367546  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:  
MPCA Tank Number: 012  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 2000  
**Tank Status: Removed**  
Tank Stored Product: Motor Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:15  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:  
MPCA Tank Number: 012  
Above Or Underground: Under Ground  
Tank Action ID: 322898  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 01/01/1900 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CONVOY CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U000884204

Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 012  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 20  
Tank Stored Product Desc: MOTOR OIL  
Compartment Cap: 2000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:41  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 012  
Tank Construction Material Code: 1  
Piping Material: 2  
Piping Material Desc: GALVANIZED STEEL  
Total Tank Capacity Quantity: 2000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Motor Oil  
INSREM Product Description: MOTOR OIL  
INSREM Action ID: 367545  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 013  
Tank Registration Date: 04/22/1986 00:00:00  
Tank Storage Capacity: 1350  
**Tank Status:** **Removed**  
Tank Stored Product: Kerosene  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Comments: Not reported  
Date Added: 10/10/1999 10:56:31  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 013  
Above Or Underground: Under Ground  
Tank Action ID: 247300  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 06/28/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 013  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 16  
Tank Stored Product Desc: KEROSENE  
Compartment Cap: 1350  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:00  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 014  
Tank Registration Date: 04/22/1986 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Tank Storage Capacity: 0  
**Tank Status:** **Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:38  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 014  
Above Or Underground: Under Ground  
Tank Action ID: 251083  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 06/28/1988 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:09  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 014  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 0  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:06  
Date Last Updated: 05/04/2002 07:44:24  
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

CONVOY CO (Continued)

U000884204

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 015  
Tank Registration Date: Not reported  
Tank Storage Capacity: 1762  
**Tank Status: Removed**  
Tank Stored Product: Other Substance  
Tank Construction Material: Concrete  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:23  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CONVOY CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U000884204

Lab Flag: Not reported  
Date Added: Not reported  
Date Last Updated: Not reported  
Staff Id Who Did The Last Update: Not reported

TANK COMPARTMENT:

MPCA Tank Number: 015  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: OIL/WATER  
Compartment Cap: 1762  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:53  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 015  
Tank Construction Material Code: 5  
Piping Material: 12  
Piping Material Desc: UNKNOWN  
Total Tank Capacity Quantity: 1762  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Other Substance  
INSREM Product Description: OIL/WATER  
INSREM Action ID: 367552  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 016  
Tank Registration Date: Not reported  
Tank Storage Capacity: 1762  
**Tank Status:** **Removed**  
Tank Stored Product: Other Substance  
Tank Construction Material: Concrete  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Comments: Not reported  
Date Added: 10/10/1999 10:57:08  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

TANK COMPARTMENT:

MPCA Tank Number: 016  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: OIL/WATER  
Compartment Cap: 1762  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:34  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 016  
Tank Construction Material Code: 5  
Piping Material: 12  
Piping Material Desc: UNKNOWN  
Total Tank Capacity Quantity: 1762  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Other Substance  
INSREM Product Description: OIL/WATER  
INSREM Action ID: 367553  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 017  
Tank Registration Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Tank Storage Capacity: 1762  
**Tank Status:** **Removed**  
Tank Stored Product: Other Substance  
Tank Construction Material: Unknown - Compliant/Drive By  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:38  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

TANK COMPARTMENT:

MPCA Tank Number: 017  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: WATER/OIL  
Compartment Cap: 1762  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:06  
Date Last Updated: 05/04/2002 07:44:24  
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

CONVOY CO (Continued)

U000884204

INSTALL REMOVE:

MPCA Tank Number: 017  
Tank Construction Material Code: 5  
Piping Material: 12  
Piping Material Desc: UNKNOWN  
Total Tank Capacity Quantity: 1762  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Other Substance  
INSREM Product Description: WATER/OIL  
INSREM Action ID: 367551  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 018  
Tank Registration Date: Not reported  
Tank Storage Capacity: 1762  
**Tank Status: Removed**  
Tank Stored Product: Other Substance  
Tank Construction Material: Concrete  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:57:15  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Lab Flag: Not reported  
Date Added: Not reported  
Date Last Updated: Not reported  
Staff Id Who Did The Last Update: Not reported

TANK COMPARTMENT:

MPCA Tank Number: 018  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: OIL/WATER  
Compartment Cap: 1762  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:41  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 018  
Tank Construction Material Code: 5  
Piping Material: 12  
Piping Material Desc: UNKNOWN  
Total Tank Capacity Quantity: 1762  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Other Substance  
INSREM Product Description: OIL/WATER  
INSREM Action ID: 367550  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 019  
Tank Registration Date: Not reported  
Tank Storage Capacity: 1762  
**Tank Status:** **Removed**  
Tank Stored Product: Other Substance  
Tank Construction Material: Concrete  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Comments: Not reported  
Date Added: 10/10/1999 10:56:53  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

TANK COMPARTMENT:

MPCA Tank Number: 019  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: OIL/WATER  
Compartment Cap: 1762  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:20  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 019  
Tank Construction Material Code: 5  
Piping Material: 12  
Piping Material Desc: UNKNOWN  
Total Tank Capacity Quantity: 1762  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Other Substance  
INSREM Product Description: OIL/WATER  
INSREM Action ID: 367549  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 020  
Tank Registration Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CONVOY CO (Continued)

U000884204

Tank Storage Capacity: 1762  
**Tank Status:** **Removed**  
Tank Stored Product: Other Substance  
Tank Construction Material: Concrete  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:31  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

TANK COMPARTMENT:

MPCA Tank Number: 020  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: OIL/WATER  
Compartment Cap: 1762  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:00  
Date Last Updated: 05/04/2002 07:44:24  
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

CONVOY CO (Continued)

U000884204

INSTALL REMOVE:

MPCA Tank Number: 020  
Tank Construction Material Code: 5  
Piping Material: 12  
Piping Material Desc: UNKNOWN  
Total Tank Capacity Quantity: 1762  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Other Substance  
INSREM Product Description: OIL/WATER  
INSREM Action ID: 367548  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:38  
Date Last Updated: 05/04/2002 07:44:24

TANK:

MPCA Tank Number: 021  
Tank Registration Date: Not reported  
Tank Storage Capacity: 1762  
**Tank Status: Closed In-Place**  
Tank Stored Product: Other Substance  
Tank Construction Material: Concrete  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Unknown  
Second Contain Tank: Unknown  
Second Contain Pipe: Not reported  
Tank Dispenser: Other  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 03/09/1994 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:46  
Date Last Updated: 05/04/2002 07:44:24  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 44179  
Fac Address 2: Not reported

TANK ACTION:

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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Lab Flag: Not reported  
 Date Added: Not reported  
 Date Last Updated: Not reported  
 Staff Id Who Did The Last Update: Not reported

**TANK COMPARTMENT:**

MPCA Tank Number: 021  
 Above Or Underground: Under Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 21  
 Tank Stored Product Desc: OIL/WATER  
 Compartment Cap: 1762  
 Heating: No  
 Other Desc: Not reported  
 Date Added: 10/10/1999 10:58:13  
 Date Last Updated: 05/04/2002 07:44:24  
 Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 021  
 Tank Construction Material Code: 5  
 Piping Material: 12  
 Piping Material Desc: UNKNOWN  
 Total Tank Capacity Quantity: 1762  
 Staff Id Who Did The Last Update: TANKS  
 INSREM Product: Other Substance  
 INSREM Product Description: OIL/WATER  
 INSREM Action ID: 367547  
 INSREM Action: Remove Tank And Pipe  
 Action Completed Date: Not reported  
 Date Added: 10/10/1999 11:02:38  
 Date Last Updated: 05/04/2002 07:44:24

**TABSITE:**

Program Interest Id: 190839  
 Above Or Underground: Under Ground  
 Facility Code: 44  
 Indian Reservation: No  
 UST Registration Date: 04/22/1986 00:00:00  
 AST Registration Date: Not reported  
 Date Added: 07/23/1992 19:11:05  
 Date Last Updated: 05/23/2003 09:21:00  
 Staff Id Who Did The Last Update: SYS  
 Max Monthly Gallons: Not reported  
 Vapor Recovery Installed: Unknown  
 Vapor Notify Required: Unknown

**LATLONG:**

Program Id: 190839  
 Latlong ID: 59765  
 Latitude Degrees: 44  
 Latitude Minutes: 51  
 Latitude Seconds: 23.67  
 Longitude Degrees: -93

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CONVOY CO (Continued)**

**U000884204**

Longitude Minutes:            8  
Longitude Seconds:           23.64  
Collection Date:              02/23/2001 00:00:00  
Latlong Description:         Not reported  
TMSP Added:                  2/24/2001  
Date Last Updated:          7/14/2004 10:01:58 PM  
Staff Id Last Updated:        boman  
Coord Source Type:            2  
Org Name Source:              MPCA  
Coord Coll Meth:              A1  
Map Scale Code:               T  
Source:                        CORE  
Site ID:                        34149

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**G46  
NW  
1/4-1/2  
1753 ft.**

**MALTERUD DDS MARK I  
2305 FORD PKWY NO 103  
ST PAUL, MN 55116**

**RCRA-SQG    1000403666  
FINDS        MND982629644**

**Site 5 of 6 in cluster G**

**Relative:  
Lower**

RCRAInfo:  
  Owner:            MALTERUD MARK I  
                      (312) 555-1212  
  EPA ID:           MND982629644  
  Contact:          MARK MALTERUD  
                      (612) 699-2822  
  
  Classification:    Small Quantity Generator  
  TSDF Activities:   Not reported  
  
  Violation Status: No violations found

**Actual:  
811 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.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**G47**  
**NW**  
**1/4-1/2**  
**1753 ft.**

**RIVER FORD PARTNERSHIP**  
**2305 FORD PKWY**  
**ST. PAUL, MN 55116**

**UST**    **U001968899**  
**N/A**

**Site 6 of 6 in cluster G**

**Relative:**  
**Lower**

UST:

**Actual:**  
**811 ft.**

TANK:

MPCA Tank Number: 001  
 Tank Registration Date: 06/17/1994 00:00:00  
 Tank Storage Capacity: 6000  
**Tank Status: Removed**  
 Tank Stored Product: Fuel Oil  
 Tank Construction Material: Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection: None  
 Piping Cathodic Protection: None  
 Piping Material: Steel/Iron  
 Second Contain Tank: Steel/Iron  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Suction  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported  
 Piping Material Description: Not reported  
 Unregulated Tank Registration Date: 04/29/1994 00:00:00  
 Compartmental Tank Flag: Not reported  
 Heating Product Flag: Yes  
 Haz Waste Generator Id: WID982063083  
 Product Replaced Date: Not reported  
 Sludge Disposal Facility: HOLST EXCAVATING  
 Comments: Not reported  
 Date Added: 10/10/1999 10:56:59  
 Date Last Updated: 05/04/2002 08:35:29  
 Staff Id Who Did The Last Update: TANKS  
 In Compliance: Yes  
 Serial Number: Not reported  
 Address Id: 42358  
 Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Tank Action ID: 847602  
 Contractor Number: 240  
 Supervisor Number: 3582  
 Tank Action: Remove Tank  
 Action Date: 05/23/1994 00:00:00  
 Action Date Unknown: Not reported  
 Corrosion Expert Name: Not reported  
 Lab Flag: Not reported  
 Date Added: 05/05/2000 08:30:55  
 Date Last Updated: 05/04/2002 08:35:29  
 Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 13  
 Tank Stored Product Desc: FUEL OIL



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RIVER FORD PARTNERSHIP (Continued)

U001968899

Compartment Cap: 6000  
Heating: Yes  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:25  
Date Last Updated: 05/04/2002 08:35:29  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 001  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 6000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Fuel Oil  
INSREM Product Description: FUEL OIL  
INSREM Action ID: 384436  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:58  
Date Last Updated: 05/04/2002 08:35:29

TANK:

MPCA Tank Number: 002  
Tank Registration Date: 08/22/1994 00:00:00  
Tank Storage Capacity: 2000  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Yes  
Haz Waste Generator Id: MND022888143  
Product Replaced Date: Not reported  
Sludge Disposal Facility: DETERMAN TANK & WELDING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:37  
Date Last Updated: 05/04/2002 08:35:29  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42358  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 002  
Above Or Underground: Under Ground

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RIVER FORD PARTNERSHIP (Continued)**

**U001968899**

Tank Action ID: 847603  
Contractor Number: 240  
Supervisor Number: 3582  
Tank Action: Remove Tank  
Action Date: 07/27/1994 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:55  
Date Last Updated: 05/04/2002 08:35:29  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 2000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:06  
Date Last Updated: 05/04/2002 08:35:29  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 205800  
Above Or Underground: Under Ground  
Facility Code: 40  
Indian Reservation: No  
UST Registration Date: 06/17/1993 00:00:00  
AST Registration Date: Not reported  
Date Added: 05/09/1994 16:16:26  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RIVER FORD PARTNERSHIP (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U001968899

LATLONG:

Program Id: 205800  
Latlong ID: 40380  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 4.36  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 50.56  
Collection Date: 08/08/2000 00:00:00  
Latlong Description: Not reported  
TMSP Added: 8/28/2000 10:31:53 AM  
Date Last Updated: 7/14/2004 10:02:29 PM  
Staff Id Last Updated: jbeauma  
Coord Source Type: 2  
Org Name Source: MPCA  
Coord Coll Meth: A1  
Map Scale Code: E  
Source: CORE  
Site ID: 32358

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

H48  
NE  
1/4-1/2  
1779 ft.

SNYDERS DRUG STORE 10  
2083 FORD PKWY  
ST PAUL, MN 55116

RCRA-SQG 1004727215  
FINDS MN0000686790

Site 1 of 7 in cluster H

Relative:  
Higher

Actual:  
859 ft.

RCRAInfo:  
Owner: SNYDERS CORP HEADQUARTERS  
(612) 936-2461  
EPA ID: MN0000686790  
Contact: BOB TAUBMAN  
(612) 690-2411  
Classification: Conditionally Exempt Small Quantity Generator  
TSD 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 FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**149**      **ST. PAUL AVENUE DUMP**  
**ESE**      **BETWEEN CLEVELAND AVENUE / ST. PAUL AVE. SOUTH O**  
**1/4-1/2**      **ST. PAUL, MN 55116**  
**1795 ft.**

**MN LS**      **S100713194**  
                  **N/A**

**Site 1 of 2 in cluster I**

**Relative:**  
**Higher**

MN LS:  
 Link ID:                      943  
 Facility Name 2:              Not reported  
 EPA ID:                        Not reported  
 MPCA ID:                      MNMDI0000448  
 Method:                        I1  
 CERCLIS:                      No  
 National Priorities List:      No  
 PLP:                              No  
 Voluntary Cleanup & Investigation: No  
 RCRA Treatment Storage & Disposal: No  
 RCRA Generator:              No  
 Solid Waste Permit:          No  
 Dumps:                         Yes  
 No Further Remedial Action Planned: No  
 Delisted From PLP By MPCA: No  
 LCP:                              No  
 Brownfield:                    No  
 Entity Type:                    UNPERMDUMP

**Actual:**  
**835 ft.**

**50**      **MALTERUD DR MARK**  
**NNW**      **770 MT CURVE BLVD**  
**1/4-1/2**      **ST PAUL, MN 55116**  
**1798 ft.**

**RCRA-SQG**      **1004726906**  
**FINDS**      **MN0000385096**

**Relative:**  
**Lower**

RCRAInfo:  
 Owner:                      MALTERUD DR MARK  
                                     (612) 699-2822  
 EPA ID:                        MN0000385096  
 Contact:                      MARK MALTERUD  
                                     (612) 699-2822  
 Classification:      Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**817 ft.**

**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

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MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**51**            **HIGHLAND CATHOLIC SCHOOL**  
**ENE**           **2017 BOHLAND**  
**1/4-1/2**        **ST. PAUL, MN 55116**  
**1814 ft.**

**UST**    **U000885796**  
           **N/A**

**Relative:**  
**Higher**

UST:

TANK:

**Actual:**  
**862 ft.**

MPCA Tank Number:            001  
 Tank Registration Date:        04/21/1986 00:00:00  
 Tank Storage Capacity:        10000  
**Tank Status:                    Removed**  
 Tank Stored Product:           Fuel Oil  
 Tank Construction Material:   Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection:     None  
 Piping Cathodic Protection:   None  
 Piping Material:                Steel/Iron  
 Second Contain Tank:           Steel/Iron  
 Second Contain Pipe:           Not reported  
 Tank Dispenser:                Suction  
 Above/ Under Ground:         Under Ground  
 AST Base Material:             Not reported  
 Piping Material Description:   Not reported  
 Unregulated Tank Registration Date: Not reported  
 Compartmental Tank Flag:     Not reported  
 Heating Product Flag:         Yes  
 Haz Waste Generator Id:        MND022888143  
 Product Replaced Date:        Not reported  
 Sludge Disposal Facility:       DETERMAN TANK & WELDING  
 Comments:                      Not reported  
 Date Added:                      10/10/1999 10:56:32  
 Date Last Updated:             05/04/2002 07:50:57  
 Staff Id Who Did The Last Update: TANKS  
 In Compliance:                 Yes  
 Serial Number:                  Not reported  
 Address Id:                       191580  
 Fac Address 2:                  Not reported

TANK ACTION:

MPCA Tank Number:            001  
 Above Or Underground:        Under Ground  
 Tank Action ID:                247688  
 Contractor Number:            607  
 Supervisor Number:            Not reported  
 Tank Action:                    Remove Tank  
 Action Date:                    08/11/1993 00:00:00  
 Action Date Unknown:         Not reported  
 Corrosion Expert Name:        Not reported  
 Lab Flag:                        N  
 Date Added:                     05/05/2000 08:30:31  
 Date Last Updated:             05/04/2002 07:50:57  
 Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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:              10000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HIGHLAND CATHOLIC SCHOOL (Continued)

U000885796

Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:00  
Date Last Updated: 05/04/2002 07:50:57  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
MPCA Tank Number: 001  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 10000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Fuel Oil  
INSREM Product Description: FUEL OIL )  
INSREM Action ID: 370360  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41  
Date Last Updated: 05/04/2002 07:50:57

TABSITE:  
Program Interest Id: 192734  
Above Or Underground: Under Ground  
Facility Code: 10  
Indian Reservation: No  
UST Registration Date: 04/21/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05  
Date Last Updated: 05/23/2003 09:21:00  
Staff Id Who Did The Last Update: SYS  
Max Monthly Gallons: Not reported  
Vapor Recovery Installed: Unknown  
Vapor Notify Required: Unknown

LATLONG:  
Program Id: Not reported  
Latlong ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported  
Latlong Description: Not reported  
TMSP Added: Not reported  
Date Last Updated: Not reported  
Staff Id Last Updated: Not reported  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: Not reported  
Site ID: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

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<b>I52</b> <b>ESE</b> <b>1/4-1/2</b> <b>1831 ft.</b>	<b>ABANDONED DUMP - 1</b> <b>NEAR ST. PAUL AVE / YORKSHIRE AVE</b> <b>ST. PAUL, MN 55116</b>  <b>Site 2 of 2 in cluster I</b>	<b>MN LS</b>	<b>S100713132</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	MN LS: Link ID: 1132 Facility Name 2: Not reported EPA ID: Not reported MPCA ID: MNMDI0000550 Method: I1 CERCLIS: No National Priorities List: No PLP: No Voluntary Cleanup & Investigation: No RCRA Treatment Storage & Disposal: No RCRA Generator: No Solid Waste Permit: No Dumps: Yes No Further Remedial Action Planned: No Delisted From PLP By MPCA: No LCP: No Brownfield: No Entity Type: UNPERMDUMP		
<b>Actual:</b> <b>838 ft.</b>			

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<b>H53</b> <b>NE</b> <b>1/4-1/2</b> <b>1833 ft.</b>	<b>ACT ONE TOO LTD</b> <b>2073 FORD PKWY</b> <b>ST. PAUL, MN 55116</b>  <b>Site 2 of 7 in cluster H</b>	<b>RCRA-SQG</b>	<b>1008882371</b> <b>MNS000112797</b>
<b>Relative:</b> <b>Higher</b>	RCRAInfo: Owner: ACT ONE TOO LTD (651) 699-7755 EPA ID: MNS000112797  Contact: MICHAEL PAUL (651) 699-7755  Classification: Conditionally Exempt Small Quantity Generator TSDF Activities: Not reported  Violation Status: No violations found		
<b>Actual:</b> <b>859 ft.</b>			

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<b>H54</b> <b>NE</b> <b>1/4-1/2</b> <b>1876 ft.</b>	<b>WEISBERG DR HAROLD</b> <b>2065 FORD PARKWAY</b> <b>ST PAUL, MN 55116</b>  <b>Site 3 of 7 in cluster H</b>	<b>RCRA-SQG</b> <b>FINDS</b>	<b>1000377822</b> <b>MND985670074</b>
<b>Relative:</b> <b>Higher</b>			
<b>Actual:</b> <b>860 ft.</b>			

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WEISBERG DR HAROLD (Continued)**

**1000377822**

RCRAInfo:  
 Owner: NAME NOT REPORTED  
 (312) 555-1212  
 EPA ID: MND985670074  
 Contact: Not reported  
 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.

**H55 HIGHLAND SHOPPING CENTER**  
**NE 2056 FORD PKWY**  
**1/4-1/2 ST. PAUL, MN 55116**  
**1878 ft.**

**LUST S106550471**  
**N/A**

**Relative:**  
**Higher**

**Site 4 of 7 in cluster H**

**Actual:**  
**860 ft.**

LUST:  
 Site ID: 245618  
 MN PCA ID: 222387  
 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: 0  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 01/07/1997 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: 10/23/1996 00:00:00  
 Leak Reported Date: 11/25/1996 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:50  
 TMSP Last Update: 10/12/2005 11:23:29  
 Staff Id Last Update: CMCLAIN  
 Release From AST: No  
 Release From UST: No  
 Tank Registration Status Code: U  
 VPIC Application Date: Not reported  
 VPIC Acres: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**S106550471**

Facility Addr 2: Not reported  
Leak ID: 9866  
Addr Id: 269394  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 07/28/1998 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 222387  
Dw Supply Contam: Not reported  
Free Product Observed: No  
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 14:07:34  
TMSP Last Update: 11/04/2003 12:57:08  
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: 222387  
Prod Released Sequence Id: 323570  
Leak Product Code: Fuel Oil 1 and 2

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HIGHLAND SHOPPING CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Tmsp Added: 12/04/1999 14:04:35  
 Tmsp Last\_updt: 05/04/2002 09:33:40  
 Staff Id Last Updt: TANKS

**S106550471**

**H56  
 NE  
 1/4-1/2  
 1894 ft.**

**HIGHLAND SHOPPING CENTER  
 2054 FORD PKWY  
 ST. PAUL, MN 55116**

**LUST S106552236  
 N/A**

**Site 5 of 7 in cluster H**

**Relative:  
 Higher**

LUST:

**Actual:  
 860 ft.**

Site ID: 0  
 MN PCA ID: 231242  
 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: 11/07/2005 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: Not reported  
 Lust Trust Eligible: No  
 Offsite Contamination: Yes  
 Reimbursement Awarded: No  
 Release Discovered Date: 05/03/2001 00:00:00  
 Leak Reported Date: Not reported  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 06/25/2001 12:05:57  
 TMSP Last Update: 11/29/2006 17:38:27  
 Staff Id Last Update: CMCLAIN  
 Release From AST: No  
 Release From UST: Yes  
 Tank Registration Status Code: FS  
 VPIC Application Date: Not reported  
 VPIC Acres: Not reported  
 Facility Addr 2: Not reported  
 Leak ID: 14304  
 Addr Id: 293675  
 Township Name: Not reported  
 Active Flag: Not reported  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
 State County Code: Not reported  
 Interest Type: LS  
 Interest Phone: Not reported  
 Interest Start Date: 06/21/2001 00:00:00  
 Interest End Date: Not reported  
 Vapor Intrusion Checked Flag: No  
 Soil Gas Data Collected Flag: No  
 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HIGHLAND SHOPPING CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S106552236**

Soil Gas Data Comments: Not reported  
 Comments: Not reported

LEAK CLEANUP ACTIONS:  
 MN PCA ID: Not reported  
 TMSP Added: Not reported  
 TMSP Last Update: Not reported  
 Staff Id Last Update: Not reported

LEAK GW INFO:  
 MN PCA ID: 231242  
 Dw Supply Contam: No  
 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: 06/25/2001 12:05:57  
 TMSP Last Update: 11/29/2006 17:38:27  
 Staff Id Last Update: CMCLAIN  
 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: No  
 Staff Id Ass: 3340  
 PWS Well: N  
 Prot Flag: No  
 Sens Flag: No

LEAK PRODUCT RELEASED:  
 MN PCA ID: 231242  
 Prod Released Sequence Id: 98046  
 Leak Product Code: Gasoline, Type Unknown  
 Tmsp Added: 11/07/2005 16:22:04  
 Tmsp Last\_updt: 11/07/2005 16:22:04  
 Staff Id Last Updt: CMCLAIN  
 MN PCA ID: 231242  
 Prod Released Sequence Id: 98047  
 Leak Product Code: Fuel Oil 1 and 2  
 Tmsp Added: 11/07/2005 16:22:04  
 Tmsp Last\_updt: 11/07/2005 16:22:04  
 Staff Id Last Updt: CMCLAIN

**H57 HIGHLAND SHOPPING CENTER**  
**NE 790 CLEVELAND AVE S**  
**1/4-1/2 SAINT PAUL, MN 55116**  
**1925 ft.**

**Relative:**  
**Higher**

**Actual:**  
**860 ft.**

**RCRA-SQG 1000242375**  
**FINDS MND982643884**

**Site 6 of 7 in cluster H**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**1000242375**

RCRAInfo:  
Owner: STACKER HOWARD G  
(312) 555-1212  
EPA ID: MND982643884  
Contact: D MARTENSON  
(612) 698-0302  
Classification: Small Quantity Generator  
TSD 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

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58  
NW  
1/4-1/2  
1945 ft.

**QUALPRO SVC INC**  
**2305 FORD PKWY STE 1B**  
**ST PAUL, MN 55116**

**RCRA-SQG 1000466865**  
**FINDS MND985701481**

**Relative:**  
**Lower**

RCRAInfo:  
Owner: QUALPRO SVC INC  
EPA ID: MND985701481  
Contact: JACK HAYDEN  
(612) 699-1222  
Classification: Small Quantity Generator  
TSD Activities: Not reported  
Violation Status: No violations found

**Actual:**  
**810 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.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**H59**  
**NE**  
**1/4-1/2**  
**1955 ft.**

**MR. MOVIES BUILDING**  
**750 - 758 S. CLEVELAND AVENUE**  
**ST. PAUL, MN 55116**

**MN VIC** **S103813634**  
**INST CONTROL** **N/A**

**Site 7 of 7 in cluster H**

**Relative:**  
**Higher**

MN Voluntary Investigation Cleanup Program:

**Actual:**  
**860 ft.**

Facility ID: VP11050  
 Facility Address 2: Not reported  
 Link Id: 5044  
 Facility Type: Dry Cleaner  
 Active: No  
 Pay Complete: 0  
 MPCA Region: Metro  
 Size Acres: 1  
 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: No  
 Plp: No  
 District: Metro  
 Program Referred from: Not reported  
 Program Interest: VIC  
 Physical Location: intersection of Cleveland Avenue South & Pinehurst Avenue, in Highland Park business district.  
 Natural Source damage: No  
 Clean up Cost: 0  
 Indian Reservation: No  
 Reservation Name: Not reported  
 MPCA Owned Wells at site: No  
 Created By: T. Cramlet  
 Date Created: 12/30/98  
 Date Last Updated: 09/07/00  
 Federal Facility: False  
 Primary Funding Source: Not reported  
 EPA Id: Not reported  
 MPCA Id: Not reported  
 Alpha Sort: Not reported  
 Legal Distt: 64B  
 Congressional Dist: 4  
 Scale Of Map Used Pls Loc Data: A  
 Township: 0  
 Range: 0  
 Range East West: W  
 Section: 0  
 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: 1291  
 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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MR. MOVIES BUILDING (Continued)

S103813634

Method For Loc Public Land Survey: M  
Method Of Utm Coord Pt Data Collection: Not reported  
Date Of Utm Coord Pt Data Collection: / /  
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: 485255.78125  
Utm North: 4973884.50000  
Utm Zone: 15  
Basin Code: 2  
Major Watershed: 20  
Major Watershed: 0  
Method For Loc Public Land Survey: Not reported  
Scale Of Map Used Pls Loc Data: Not reported  
Township 2: 0  
Range 2: 0  
Range East West: Not reported  
Section 2: 0  
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 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: 6512967297  
Contact Phone Ext: Not reported  
Contact Fax: Not reported  
Contact E-mail: Not reported  
Contact Cell Phone: Not reported  
Contact Information Last Updated: 12/30/98  
Misc Contact Info: Not reported  
  
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: 651-296-8947  
Contact Phone Ext: Not reported  
Contact Fax: 651-296-9707  
Contact E-mail: amy.hadiaris@pca.state.mn.us

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MR. MOVIES BUILDING (Continued)

S103813634

Contact Cell Phone: Not reported  
Contact Information Last Updated: 12/30/98  
Misc Contact Info: Not reported

Contact Type: Voluntary Party  
Company Name: Not reported  
Contact Address: 1916 IDS Center  
Contact Address 2: Not reported  
Contact City,St,Zip: Minneapolis, MN 55402  
Contact Province: Not reported  
Contact Country: Not reported  
Contact Postal code: Not reported  
Contact Phone: 6123322561  
Contact Phone Ext: Not reported  
Contact Fax: Not reported  
Contact E-mail: Not reported  
Contact Cell Phone: Not reported  
Contact Information Last Updated: 12/30/98  
Misc Contact Info: Not reported

Contaminant Id: 127-18-4  
Contaminated Media: Soil  
Req Cleanup Concluded: 320  
Cleanup Lvl Measure Units: mg/Kg  
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)  
Max Residual Contamination: 110  
Date Info Last Updated: 09/07/00

Contaminant Id: 79-01-6  
Contaminated Media: Soil  
Req Cleanup Concluded: 55  
Cleanup Lvl Measure Units: mg/Kg  
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)  
Max Residual Contamination: 6.70000  
Date Info Last Updated: 09/07/00

Contaminant Id: 156-59-2  
Contaminated Media: Soil  
Req Cleanup Concluded: 2200  
Cleanup Lvl Measure Units: mg/Kg  
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)  
Max Residual Contamination: 8.70000  
Date Info Last Updated: 09/07/00

Facid: VP11050  
Event: VIC General Comment Letter  
Additional Information: denies request for No Action  
Start Date: / /  
End Date: 03/11/99  
Planned Start Date: / /  
Planned End Date: / /  
Date Info Last Updated: 03/15/00  
Record Number: 6962

Facid: VP11050  
Event: Institutional Control Event  
Additional Information: Affidavit on deed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MR. MOVIES BUILDING (Continued)**

**S103813634**

Start Date: / /  
 End Date: 02/21/01  
 Planned Start Date: / /  
 Planned End Date: / /  
 Date Info Last Updated: 05/29/01  
 Record Number: 9415

Facid: VP11050  
 Event: VIC Program Participation Dates (Start/End)  
 Additional Information: None Entered  
 Start Date: 12/28/98  
 End Date: 02/28/01  
 Planned Start Date: / /  
 Planned End Date: / /  
 Date Info Last Updated: 05/29/01  
 Record Number: 6466

Facid: VP11050  
 Event: No Association Determination Issued  
 Additional Information: to I.M. Fine Trust and Nathan Simon Family Trust  
 Start Date: / /  
 End Date: 03/30/00  
 Planned Start Date: / /  
 Planned End Date: / /  
 Date Info Last Updated: 09/07/00  
 Record Number: 8326

Facid: VP11050  
 Event: No Action Letter Sent  
 Additional Information: for soil  
 Start Date: / /  
 End Date: 03/30/00  
 Planned Start Date: / /  
 Planned End Date: / /  
 Date Info Last Updated: 09/07/00  
 Record Number: 8327

Facid: VP11050  
 Event: Work Plan Approval Letter  
 Additional Information: via e-mail; see Remarks screen  
 Start Date: / /  
 End Date: 06/08/99  
 Planned Start Date: / /  
 Planned End Date: / /  
 Date Info Last Updated: 09/07/00  
 Record Number: 8329

Facid: VP11050  
 GW Receipts Prot by Rem Actn: 0  
 Ecological receptors present: False  
 Type of ecological receptors: Not reported  
 Acres of contaminated soil: 0  
 Volume of contaminated soil: 0  
 Acres of surface water impacted: 0  
 Acres of wetland impacted: 0  
 Acres of sediment impacted: 0  
 GW Plume Area Acres: 0



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**MR. MOVIES BUILDING (Continued)**

**S103813634**

Cleanup Conducted:	False
Acres of Contam Soil remediate:	0
Volume of Soil Cleaned:	0
# Municipal wells contamd:	0
# Dom wells contam:	0
# People Impct SW intake contam:	0
# Drums Revolved from site:	0
Yr Soil Remediated:	0
Acres of Soil w/ Restrict Access:	0
Yr IC remedy complete:	2000
Yr GW remedy completed:	0
Year GWIC completed:	0
Acres of wetland of sediment remediated:	0
Public financing:	False
Assurance help:	True
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	True
Restrictive Covenant Present:	False
GW Pump and Treat Used at site:	False
Quaternary Perched:	False
Quaternary Water Table:	False
Quaternary Confined:	False
Cretaceous:	False
Plattville:	False
St. peter:	False
Prairie Duchien:	False
Jordan:	False
Ironton/Galesville:	False
Mt Simon Hinckley:	False
Precambrian Undifferentiated:	False
Other/Unknown Aquifier:	False
Date Info Last Updated:	03/15/00
Inst Control Info Updated:	/ /
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported

Misc. Notes:    Not reported  
 Notes:        Previous dry cleaning operations at 750 Cleveland Ave.  
 Restrictions:    for soil impacted with chlorinated VOCs, in the vicinity of the basement sump  
 SW Comments:    Not reported

**MN INSTITUTIONAL CONTROL:**

Facility ID:	VP11050
SEC Address:	Not reported
Link Id:	5044
Facility Type:	Dry Cleaner
Active:	No
Pay Complete:	No
MPCA Region:	Metro
Size Acres:	1
HRS Score:	0
Enforcement Lead Agency:	MPCA
Federal Defferal Plot:	No
Emergency:	No
Site Classification:	No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MR. MOVIES BUILDING (Continued)**

**S103813634**

RD/RA:	No
RL/FS:	No
Fund financed:	No
Npl:	No
Plp:	No
District:	Metro
Program Referred from:	Not reported
Program Interest:	VIC
Physical Location:	intersection of Cleveland Avenue South & Pinehurst Avenue, in Highland Park business district.
Natural Source damage:	No
Clean up Cost:	0
Indian Reservation:	No
reservname:	Not reported
MPCA Owned Wells at site:	0
Created By:	T. Cramlet
Date Created:	12/30/98
Date Last Updated:	09/07/00
Federal Facility:	False
Primary Funding Source:	Not reported
EPA Id:	Not reported
MPCA Id:	Not reported
Alpha Sort:	Not reported
Legal Distt:	64B
Congressional Distt:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	0
Range:	0
PLS Township Suffix:	W
section:	0
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 Secion (2.5 Acres):	Not reported
Quad:	1291
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	/ /
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	485255.78125
Utm North:	4973884.50000
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MR. MOVIES BUILDING (Continued)**

**S103813634**

Public Land Survey Method 2: Not reported  
 Map Scale For PLS Locational Data 2: Not reported  
 Township 2: 0  
 Range 2: 0  
 PLS Township Suffix 2: Not reported  
 Section 2: 0  
 PLS Qtr Section (160 Acres) 2: Not reported  
 PLS Qtr-Qtr Section (40 Acres) 2: Not reported  
 PLS Qtr-Qtr Section (10 Acres) 2: Not reported  
 PLS Qtr-Qtr Section (2.5 Acres) 2: Not reported  
 Quad 2: Not reported  
 File Location: Archival Storage  
 Event Id: Institutional Control Event  
 Additional Information: Affidavit on deed  
 Start Date: / /  
 End Date: 02/21/01  
 Planned Start Date: / /  
 Planned End Date: / /  
 Date Info Last Updated: 05/29/01  
 Record Number: 9415  
 Notes: Previous dry cleaning operations at 750 Cleveland Ave.

**J60**  
**NE**  
**1/4-1/2**  
**1975 ft.**

**HIGHLAND SHOPPING CENTER**  
**2004-2056 FORD PARKWAY AND 790 / 800 CL EVELAND**  
**ST. PAUL, MN 55116**

**MN LS 1002950286**  
**N/A**

**Site 1 of 2 in cluster J**

**Relative:**  
**Higher**

MN LS:  
 Link ID: 4426  
 Facility Name 2: Not reported  
 EPA ID: Not reported  
 MPCA ID: VP7780  
 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

**Actual:**  
**863 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J61**  
**NE**  
**1/4-1/2**  
**2024 ft.**

**RITZ CAMERA 399**  
**2038 FORD PKWY**  
**SAINT PAUL, MN 55116**

**RCRA-SQG** **1000173505**  
**FINDS** **MND982634537**

**Site 2 of 2 in cluster J**

**Relative:**  
**Higher**

RCRAInfo:

Owner: NAME NOT REPORTED  
 (312) 555-1212

**Actual:**  
**863 ft.**

EPA ID: MND982634537

Contact: THOMAS KELLY  
 (301) 953-9611

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

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**62**  
**ESE**  
**1/4-1/2**  
**2052 ft.**

**YORKSHIRE GROVE APTS**  
**2028 YORKSHIRE AVE**  
**ST. PAUL, MN 55116**

**LUST** **S106552293**  
**N/A**

**Relative:**  
**Higher**

LUST:

Site ID: 245767  
 MN PCA ID: 222608  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 05  
 File Archive Lot: 01/015  
 Soil Digout Date: 05/08/1997 00:00:00  
 Cubic Yards Excavated: 0  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 02/10/1998 00:00:00**  
 Contaminated Soils Remaining: S  
 Enforcement Action Begin Date: 05/15/1997 00:00:00  
 LUST Trust Eligible: No  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 05/09/1997 00:00:00  
 Leak Reported Date: 05/09/1997 00:00:00  
 Std Letter Response Date: 05/29/1997 00:00:00  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:50

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**YORKSHIRE GROVE APTS (Continued)**

**S106552293**

TMSP Last Update:            05/04/2002 09:34:30  
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:                        10098  
Addr Id:                        269614  
Township Name:                White Bear  
Active Flag:                    No  
Country Code:                  USA  
Foreign State:                 Not reported  
Foreign Zone:                  None  
State County Code:            62  
Interest Type:                 LS  
Interest Phone:                NO CORE PI PH.  
Interest Start Date:          02/09/1998 12:53:58  
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  
TMSP Added:                   Not reported  
TMSP Last Update:            Not reported  
Staff Id Last Update:         Not reported

**LEAK GW INFO:**

MN PCA ID:                    222608  
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 14:07:34  
TMSP Last Update:            11/04/2003 12:57:08  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**YORKSHIRE GROVE APTS (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S106552293**

PWS Well: Not reported  
Prot Flag: Not reported  
Sens Flag: Not reported

**LEAK PRODUCT RELEASED:**

MN PCA ID: 222608  
Prod Released Sequence Id: 323657  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/04/1999 14:04:35  
Tmsp Last\_updt: 05/04/2002 09:34:30  
Staff Id Last Updt: TANKS

**K63  
NE  
1/4-1/2  
2076 ft.**

**AMERICAN CONSULTING SRV  
737 CLEVELAND AVE  
ST PAUL, MN 55114**

**RCRA-SQG 1000452453  
FINDS MND985686740**

**Site 1 of 7 in cluster K**

**Relative:  
Higher**

RCRAInfo:  
Owner: DART TRANSIT  
EPA ID: MND985686740  
Contact: JULIE DRESEL  
(612) 659-1302

**Actual:  
862 ft.**

Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**K64  
NE  
1/4-1/2  
2108 ft.**

**COOPER DR ELIZABETH DDS PA  
757 CLEVELAND AVE S  
ST PAUL, MN 55116**

**RCRA-SQG 1004726033  
FINDS MN0000004176**

**Site 2 of 7 in cluster K**

**Relative:  
Higher**

**Actual:  
863 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**COOPER DR ELIZABETH DDS PA (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1004726033**

RCRAInfo:  
Owner: COOPER DR ELIZABETH DDS PA  
(612) 699-1547  
EPA ID: MN0000004176  
Contact: ELIZABETH COOPER  
(612) 699-1547  
Classification: Conditionally Exempt Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site

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**K65  
NE  
1/4-1/2  
2132 ft.**

**MINUTEMAN PRESS  
752 S CLEVELAND AVE  
ST PAUL, MN 55116**

**RCRA-SQG 1000428660  
FINDS MND985680099**

**Site 3 of 7 in cluster K**

**Relative:  
Higher**

RCRAInfo:  
Owner: NORPRIN INC  
EPA ID: MND985680099  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**Actual:  
863 ft.**

FINDS:  
Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

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<b>K66</b>	<b>MR. MOVIES BUILDING</b>	<b>MN LS</b>	<b>S103770739</b>
<b>NE</b>	<b>750-758 SOUTH CLEVELAND AVENUE</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>ST. PAUL, MN 55116</b>		
<b>2143 ft.</b>			
	<b>Site 4 of 7 in cluster K</b>		
<b>Relative:</b>	MN LS:		
<b>Higher</b>	Link ID:	5044	
	Facility Name 2:	Not reported	
<b>Actual:</b>	EPA ID:	Not reported	
<b>863 ft.</b>	MPCA ID:	MNPT00011050	
	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	

---

<b>K67</b>	<b>RANDOLPH CLEANING CENTER</b>	<b>DRYCLEANERS</b>	<b>S106855652</b>
<b>NE</b>	<b>750 CLEVELAND AVE S</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>ST. PAUL, MN 55116</b>		
<b>2143 ft.</b>			
	<b>Site 5 of 7 in cluster K</b>		
<b>Relative:</b>	Drycleaners:		
<b>Higher</b>	Contact:	Not reported	
	Phone:	Not reported	
<b>Actual:</b>	Waste Activity Type Code:	51	
<b>863 ft.</b>	Waste Activity Type Desc:	Generation, non-generator	
	Mail Address:	1610 Randolph Ave	
	Mail City,St,Zip:	St. Paul, MN 55105	
	SIC Code:	7216	
	Preferred Id:	MND981093149	
	Region Desc:	Metro	
	NAICS:	Not reported	

---

<b>K68</b>	<b>RANDOLPH CLEANING CENTER</b>	<b>RCRA-SQG</b>	<b>1000190876</b>
<b>NE</b>	<b>750 S CLEVELAND</b>	<b>FINDS</b>	<b>MND981093149</b>
<b>1/4-1/2</b>	<b>ST PAUL, MN 55116</b>		
<b>2143 ft.</b>			
	<b>Site 6 of 7 in cluster K</b>		
<b>Relative:</b>			
<b>Higher</b>			
<b>Actual:</b>			
<b>863 ft.</b>			



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RANDOLPH CLEANING CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000190876**

RCRAInfo:  
 Owner: RHODE LA VERNE  
 (312) 555-1212  
 EPA ID: MND981093149  
 Contact: LA RHODE  
 (612) 872-0002  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**K69  
 NE  
 1/4-1/2  
 2168 ft.**

**FORMER CLARK OIL  
 744 CLEVELAND AVE  
 ST. PAUL, MN 55114**

**LUST S100057893  
 MN Spills N/A**

**Site 7 of 7 in cluster K**

**Relative:  
 Higher**

**Actual:  
 864 ft.**

LUST:  
 Site ID: 240973  
 MN PCA ID: 214878  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 35  
 File Archive Lot: 96/307  
 Soil Digout Date: 07/20/1992 00:00:00  
 Cubic Yards Excavated: 432  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 08/17/1993 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 12/04/1989 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Yes  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 10/13/1989 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:44  
 TMSP Last Update: 05/06/2003 15:36:11  
 Staff Id Last Update: KMITZUK  
 Release From AST: No  
 Release From UST: No  
 Tank Registration Status Code: F  
 VPIC Application Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORMER CLARK OIL (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

S100057893

VPIC Acres: Not reported  
Facility Addr 2: Not reported  
Leak ID: 2053  
Addr Id: 285641  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 02/04/1999 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 214878  
Dw Supply Contam: Not reported  
Free Product Observed: No  
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 14:07:28  
TMSP Last Update: 11/04/2003 12:57:06  
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: 214878  
Prod Released Sequence Id: 401988

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORMER CLARK OIL (Continued)**

**S100057893**

Leak Product Code:            Gasoline Regular  
Tmsp Added:                    12/27/1999 12:59:07  
Tmsp Last\_updt:                05/04/2002 09:06:16  
Staff Id Last Updt:             TANKS

**MN SPILL:**

Program Id:                    171142  
Township Name:                Not reported  
Interest Type:                 SP  
Addr Id:                        285641  
Interest Phone:                Not reported  
Preferred Id:                    12689  
Interest Start Date:            03/21/1996 00:00:00  
Interest End Date:             Not reported  
Active:                         Not reported  
Tmsp Added:                    03/21/1996 00:00:00  
Tmsp Last Updt:                06/19/2002 16:58:18  
Staff Id Last Updt:             TANKS  
fadd2:                         Not reported  
State County Code:             62  
Country Code:                 USA  
Foreign State:                 Not reported  
Foreign Zone:                 None  
**Spill Closure Code:            Not reported**  
Sp Rep Code:                  Not reported  
Report Taken By Initials:      223  
Mpcsa Project Manager Initials: 3094  
Spill Site Closure Date:      01/01/1996 00:00:00  
Sp Rep Desc:                  DEPT OF FIRE & SAFETY ST PAUL  
Spill Date:                    Not reported  
Spill Reported Date:          10/13/1989 00:00:00  
Init Cause Code:               Not reported  
Init Cause Desc:               UST  
Initial Source Code:           Not reported  
Priority Code:                  4  
Archive Lot:                   Not reported  
Archive Box:                   Not reported  
Rep Phone:                    Not reported  
Rep Name:                     Not reported  
Mpcsa 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  
Closure Date:                 Not reported  
Cause Code:                   Not reported  
Date Reported:                Not reported  
Location:                      Not reported  
Product:                       Not reported  
Amount Spilled:               Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORMER CLARK OIL (Continued)**

**S100057893**

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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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  
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:  
Program ID: 171142  
Spill Incident Accuracy Id: 65863  
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 06:42:05  
Staff Id Last Updt: TANKS

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L70**  
**NE**  
**1/4-1/2**  
**2243 ft.**

**RED ROBIN CLEANERS**  
**2015 FORD PKWY**  
**ST. PAUL, MN 55116**

**DRYCLEANERS**

**S106495425**  
**N/A**

**Site 1 of 8 in cluster L**

**Relative:**  
**Higher**

Drycleaners:

**Actual:**  
**867 ft.**

Contact: Jeff Tracy  
 Phone: 651-690-2388  
 Waste Activity Type Code: G4  
 Waste Activity Type Desc: Generation, SQG  
 Mail Address: 2015 Ford Pkwy  
 Mail City,St,Zip: St. Paul, MN 55116-1932  
 SIC Code: 7216  
 Preferred Id: MND071790489  
 Region Desc: Metro  
 NAICS: Not reported

**L71**  
**NE**  
**1/4-1/2**  
**2258 ft.**

**RED ROBIN CLEANER**  
**2015 FORD PKWY**  
**SAINT PAUL, MN 55116**

**RCRA-SQG**  
**FINDS**  
**WI MANIFEST**

**1000130148**  
**MND071790489**

**Site 2 of 8 in cluster L**

**Relative:**  
**Higher**

RCRAInfo:

**Actual:**  
**867 ft.**

Owner: NAME NOT REPORTED  
 (312) 555-1212  
 EPA ID: MND071790489  
 Contact: FRED OHNO  
 (612) 690-2388  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**WI MANIFEST:**

Year: 04  
 EPA ID: MND071790489  
 FID: 0  
 ACT Code: 202  
 ACT Status: A  
 ACT Code 1: 202

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**RED ROBIN CLEANER (Continued)**

**1000130148**

ACT Name:            HW Generator - Small  
 Contact First Name:    Not reported  
 Contact Last Name:    Not reported  
 Contact Title:        Not reported  
 Contact Address:      Not reported  
 Contact State:        Not reported  
 Contact City:         Not reported  
 Contact Zip:          Not reported  
 Contact Telephone:    Not reported  
 Contact Extention:    Not reported  
 Contact Email Address: Not reported  
 WI MANIFEST SHIP:    -  
 Year:                 04  
 Manifest DOC ID:      0  
 Copy Type:            3  
 Gen EPA ID:          MND071790489  
 Gen Date:            03/16/2004  
 TSD Date:            03/19/2004  
 TSD EPA ID:         WID990829475  
 GEN Copy Revd Date:   Not reported  
 TSG Copy Revd Date:   03/25/2004  
 Year:                 Not reported  
 Manifest DOC ID:      Not reported  
 Waste Page No:        Not reported  
 Waste Line No:        Not reported  
 Waste Code:          Not reported  
 Waste Amount:        Not reported  
 Unit of Measure:      Not reported  
 Waste LBS:            Not reported

WI MANIFEST TRANS: -  
 Year:                 Not reported  
 Mifest DOC ID:        Not reported  
 TRAN EPA ID:         Not reported  
 TRAN ORDER NO:      Not reported  
 TRAN Date:            Not reported

Year:                 Not reported  
 Manifest DOC ID:      Not reported  
 Waste Page No:        Not reported  
 Waste Line No:        Not reported  
 Waste Code:          Not reported  
 Waste Amount:        Not reported  
 Unit of Measure:      Not reported  
 Waste LBS:            Not reported

**M72            ARIES SVC CTR**  
**SSE            1071 S CLEVELAND AVE**  
**1/4-1/2        ST PAUL, MN 55116**  
**2276 ft.**

**Relative:**  
**Higher**

**Actual:**  
**831 ft.**

**RCRA-SQG    1004734925**  
**FINDS        MND985770734**  
**LUST**  
**UST**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ARIES SVC CTR (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1004734925

RCRAInfo:

Owner: LANCMAN ARIE  
(612) 698-2200  
EPA ID: MND985770734  
Contact: Not reported  
Classification: Small Quantity Generator  
TSD Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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LUST:

Site ID: 30647  
MN PCA ID: 215793  
Leak Site: Leak Site - Tank and Petroleum Contamination  
File Archive Box: 59  
File Archive Lot: 98/206  
Soil Digout Date: 10/23/1991 00:00:00  
Cubic Yards Excavated: 1394  
Cond Closure Date: Not reported  
**Complete Site Closure Date: 11/08/1995 00:00:00**  
Contaminated Soils Remaining: Yes  
Enforcement Action Begin Date: 05/08/1991 00:00:00  
Lust Trust Eligible: Yes  
Offsite Contamination: Unknown  
Reimbursement Awarded: No  
Release Discovered Date: 08/06/1990 00:00:00  
Leak Reported Date: 08/06/1990 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: 01/26/2005 15:04:35  
Staff Id Last Update: CMCLAIN  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**ARIES SVC CTR (Continued)**

**1004734925**

Leak ID: 3009  
Addr Id: 40647  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 12/30/1997 11:41:17  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

**LEAK GW INFO:**

MN PCA ID: 215793  
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 14:07:28  
TMSP Last Update: 11/04/2003 12:57:06  
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: 215793  
Prod Released Sequence Id: 324555  
Leak Product Code: Gasoline Unleaded  
Tmsp Added: 12/04/1999 14:04:36



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**ARIES SVC CTR (Continued)**

**1004734925**

Tmsp Last\_updt:            05/04/2002 09:09:37  
Staff Id Last Updt:        TANKS

Site ID:                    0  
MN PCA ID:                232811  
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: 07/11/2003 00:00:00**  
Contaminated Soils Remaining: Yes  
Enforcement Action Begin Date: 12/07/2001 00:00:00  
Lust Trust Eligible:        Yes  
Offsite Contamination:    Unknown  
Reimbursement Awarded:    No  
Release Discovered Date:    09/12/2001 00:00:00  
Leak Reported Date:        09/13/2001 00:00:00  
Std Letter Response Date:    12/12/2001 00:00:00  
Surface Water Impact:      No  
Utility Project Flag:        No  
TMSP Added:                12/05/2001 15:00:12  
TMSP Last Update:         07/22/2003 10:42:05  
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:                    14564  
Addr Id:                    274453  
Township Name:             Not reported  
Active Flag:                Not reported  
Country Code:                USA  
Foreign State:               Not reported  
Foreign Zone:                None  
State County Code:         62  
Interest Type:              LS  
Interest Phone:             Not reported  
Interest Start Date:        12/05/2001 00:00:00  
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  
TMSP Added:                Not reported  
TMSP Last Update:         Not reported  
Staff Id Last Update:        Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**ARIES SVC CTR (Continued)**

**1004734925**

LEAK GW INFO:

MN PCA ID: 232811  
Dw Supply Contam: No  
Free Product Observed: No  
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: 12/05/2001 15:00:13  
TMSP Last Update: 11/04/2003 12:57:09  
Staff Id Last Update: RSUCHAN  
Mtbe Present Now: No  
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: No  
Staff Id Ass: Not reported  
PWS Well: Not reported  
Prot Flag: Not reported  
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 232811  
Prod Released Sequence Id: 25279  
Leak Product Code: Hydraulic Fluid  
Tmsp Added: 12/12/2001 11:48:39  
Tmsp Last\_updt: 05/04/2002 10:08:22  
Staff Id Last Updt: TANKS  
MN PCA ID: 232811  
Prod Released Sequence Id: 30586  
Leak Product Code: Diesel  
Tmsp Added: 08/27/2002 14:19:54  
Tmsp Last\_updt: 08/27/2002 14:19:54  
Staff Id Last Updt: MKOPLIT  
MN PCA ID: 232811  
Prod Released Sequence Id: 30587  
Leak Product Code: Gasoline, Type Unknown  
Tmsp Added: 08/27/2002 14:19:54  
Tmsp Last\_updt: 08/27/2002 14:19:54  
Staff Id Last Updt: MKOPLIT

UST:

TANK:

MPCA Tank Number: 001  
Tank Registration Date: 09/14/2001 00:00:00  
Tank Storage Capacity: 560  
**Tank Status: Removed**  
Tank Stored Product: Used Or Waste Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ARIES SVC CTR (Continued)**

**1004734925**

Piping Material: Not reported  
 Second Contain Tank: Not reported  
 Second Contain Pipe: Not reported  
 Tank Dispenser: Not reported  
 Above/ Under Ground: Under Ground  
 AST Base Material: Not reported  
 Piping Material Description: Not reported  
 Unregulated Tank Registration Date: 08/14/2001 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: 08/16/2001 16:02:37  
 Date Last Updated: 11/14/2006 10:47:46  
 Staff Id Who Did The Last Update: RSUCHAN  
 In Compliance: Yes  
 Serial Number: Not reported  
 Address Id: 40647  
 Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Tank Action ID: 867558  
 Contractor Number: Not reported  
 Supervisor Number: Not reported  
 Tank Action: Install Tank  
 Action Date: Not reported  
 Action Date Unknown: Yes  
 Corrosion Expert Name: Not reported  
 Lab Flag: Not reported  
 Date Added: 09/24/2001 09:45:37  
 Date Last Updated: 05/04/2002 07:53:06  
 Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 001  
 Above Or Underground: Under Ground  
 Compartment Number: 1  
 Tank Stored Product Code: 24  
 Tank Stored Product Desc: Not reported  
 Compartment Cap: 560  
 Heating: No  
 Other Desc: Not reported  
 Date Added: 08/16/2001 16:02:37  
 Date Last Updated: 05/04/2002 07:53:06  
 Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 001  
 Tank Construction Material Code: Not reported  
 Piping Material: Not reported  
 Piping Material Desc: Not reported  
 Total Tank Capacity Quantity: 560  
 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

**ARIES SVC CTR (Continued)**

**1004734925**

INSREM Product: Used Or Waste Oil  
INSREM Product Description: Not reported  
INSREM Action ID: 866843  
INSREM Action: Remove Pipe  
Action Completed Date: Not reported  
Date Added: 08/16/2001 16:03:39  
Date Last Updated: 05/04/2002 07:53:06

**TANK:**

MPCA Tank Number: 121  
Tank Registration Date: 04/17/1986 00:00:00  
Tank Storage Capacity: 2000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:54  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 40647  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 121  
Above Or Underground: Under Ground  
Tank Action ID: 259545  
Contractor Number: 34  
Supervisor Number: 1282  
Tank Action: Remove Tank  
Action Date: 07/01/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:15  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 121

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ARIES SVC CTR (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1004734925

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 10:58:21  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 122  
Tank Registration Date: 04/17/1986 00:00:00  
Tank Storage Capacity: 5000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel  
Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:57:09  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 40647

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ARIES SVC CTR (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1004734925

Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 122  
Above Or Underground: Under Ground  
Tank Action ID: 267299  
Contractor Number: 34  
Supervisor Number: 1282  
Tank Action: Remove Tank  
Action Date: 07/01/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:15  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 122  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 5000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:35  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TANK:

MPCA Tank Number: 123  
Tank Registration Date: 04/17/1986 00:00:00  
Tank Storage Capacity: 2000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: None  
Piping Material: Galvanized steel

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ARIES SVC CTR (Continued)**

**1004734925**

Second Contain Tank: Galvanized steel  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:24  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 40647  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 123  
Above Or Underground: Under Ground  
Tank Action ID: 243779  
Contractor Number: 34  
Supervisor Number: 1282  
Tank Action: Remove Tank  
Action Date: 07/01/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:15  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 123  
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 10:57:54  
Date Last Updated: 05/04/2002 07:53:06  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
INSREM Product: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**ARIES SVC CTR (Continued)**

EDR ID Number  
 EPA ID Number

**1004734925**

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

**TABSITE:**

Program Interest Id: 193359  
 Above Or Underground: Under Ground  
 Facility Code: 34  
 Indian Reservation: No  
 UST Registration Date: 04/17/1986 00:00:00  
 AST Registration Date: Not reported  
 Date Added: 07/23/1992 19:11:05  
 Date Last Updated: 05/23/2003 09:21:01  
 Staff Id Who Did The Last Update: SYS  
 Max Monthly Gallons: Not reported  
 Vapor Recovery Installed: Unknown  
 Vapor Notify Required: Unknown

**LATLONG:**

Program Id: 193359  
 Latlong ID: 39301  
 Latitude Degrees: 44  
 Latitude Minutes: 54  
 Latitude Seconds: 32.42  
 Longitude Degrees: -93  
 Longitude Minutes: 11  
 Longitude Seconds: 15.12  
 Collection Date: 08/08/2000 00:00:00  
 Latlong Description: Not reported  
 TMSP Added: 8/28/2000 10:31:47 AM  
 Date Last Updated: 7/14/2004 10:02:27 PM  
 Staff Id Last Updated: jbeauma  
 Coord Source Type: 2  
 Org Name Source: MPCA  
 Coord Coll Meth: A1  
 Map Scale Code: E  
 Source: CORE  
 Site ID: 30647

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**M73  
 SSE  
 1/4-1/2  
 2309 ft.**

**FORMER GAS STATION  
 1076 S CLEVELAND AVE  
 ST. PAUL, MN 55116**

**LUST S106550472  
 N/A**

**Site 2 of 2 in cluster M**

**Relative:  
 Higher**

LUST:  
 Site ID: 245620  
 MN PCA ID: 222392  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 04

**Actual:  
 832 ft.**



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORMER GAS STATION (Continued)

S106550472

File Archive Lot: 99/85  
Soil Digout Date: Not reported  
Cubic Yards Excavated: 0  
Cond Closure Date: Not reported  
**Complete Site Closure Date: 01/06/1997 00:00:00**  
Contaminated Soils Remaining: Unknown  
Enforcement Action Begin Date: Not reported  
Lust Trust Eligible: Yes  
Offsite Contamination: Unknown  
Reimbursement Awarded: No  
Release Discovered Date: 12/18/1996 00:00:00  
Leak Reported Date: 12/18/1996 00:00:00  
Std Letter Response Date: Not reported  
Surface Water Impact: Unknown  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:50  
TMSP Last Update: 05/04/2002 09:33:42  
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: 9871  
Addr Id: 269399  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 08/06/1998 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 222392  
Dw Supply Contam: Not reported  
Free Product Observed: Not reported  
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

**FORMER GAS STATION (Continued)**

**S106550472**

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 14:07:34  
 TMSP Last Update: 11/04/2003 12:57:08  
 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: 222392  
 Prod Released Sequence Id: 323572  
 Leak Product Code: Gasoline, Type Unknown  
 Tmsp Added: 12/04/1999 14:04:35  
 Tmsp Last\_updt: 05/04/2002 09:33:42  
 Staff Id Last Updt: TANKS

**L74  
 NE  
 1/4-1/2  
 2322 ft.**

**HIGHLAND SHOPPING CENTER  
 2004 FORD PKWY  
 ST. PAUL, MN 55116**

**LUST S102518061  
 MN Spills N/A**

**Site 3 of 8 in cluster L**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 868 ft.**

Site ID: 30666  
 MN PCA ID: 222386  
 Leak Site: Both Leak and Property Transfer Site  
 File Archive Box: 04  
 File Archive Lot: 99/85  
 Soil Digout Date: Not reported  
 Cubic Yards Excavated: 0  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 01/07/1997 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: Not reported  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 10/09/1996 00:00:00  
 Leak Reported Date: 11/25/1996 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:50  
 TMSP Last Update: 10/12/2005 11:22:31  
 Staff Id Last Update: CMCLAIN  
 Release From AST: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**S102518061**

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:                        9865  
Addr Id:                         40666  
Township Name:                Not reported  
Active Flag:                    No  
Country Code:                  USA  
Foreign State:                 Not reported  
Foreign Zone:                  Not reported  
State County Code:             62  
Interest Type:                 LS  
Interest Phone:                NO CORE PI PH.  
Interest Start Date:            09/17/1998 00:00:00  
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  
TMSP Added:                    Not reported  
TMSP Last Update:              Not reported  
Staff Id Last Update:            Not reported

LEAK GW INFO:

MN PCA ID:                      222386  
Dw Supply Contam:               Not reported  
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:        3  
TMSP Added:                    12/04/1999 14:07:34  
TMSP Last Update:              11/04/2003 12:57:08  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**S102518061**

**LEAK PRODUCT RELEASED:**

MN PCA ID: 222386  
Prod Released Sequence Id: 323569  
Leak Product Code: Gasoline, Type Unknown  
Tmsp Added: 12/04/1999 14:04:35  
Tmsp Last\_updt: 05/04/2002 09:33:40  
Staff Id Last Updt: TANKS

**MN SPILL:**

Program Id: 174042  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 181830  
Interest Phone: Not reported  
Preferred Id: 15855  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:19  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**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: LAURIE KEISTER  
Spill Date: Not reported  
Spill Reported Date: 02/24/1992 00:00:00  
Init Cause Code: Unknown  
Init Cause Desc: UNKNOWN SOURCE  
Initial Source Code: Not reported  
Priority Code: 4  
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  
Closure Date: Not reported  
Cause Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**S102518061**

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  
Public Safety Spill ID: Not reported  
Site ID: 0  
Comments: Petroleum vapors in bank in Highland Park, Saint Paul.

**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  
Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**

Program ID: 174042  
Spill Incident Accuracy Id: 68549  
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 06:51:05  
Staff Id Last Updt: TANKS

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L75**      **ASPEN MEDICAL GROUP**  
**NE**        **2004 FORD PKWY**  
**1/4-1/2**    **ST PAUL, MN 55116**  
**2322 ft.**

**RCRA-SQG**    **1004737269**  
**FINDS**        **MNR000034728**

**Site 4 of 8 in cluster L**

**Relative:**  
**Higher**

RCRAInfo:

Owner:            ASPEN MEDICAL GROUP  
 (612) 641-7183

**Actual:**  
**868 ft.**

EPA ID:           MNR000034728

Contact:         CHERYL SCHREINER  
 (612) 851-8539

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.

**L76**      **HIGHLAND SHOPPING CENTER**  
**NE**        **2004-2056 FORD PARKWAY**  
**1/4-1/2**    **ST. PAUL, MN 55116**  
**2323 ft.**

**PADS**    **1004537085**  
**MN VIC**   **MND985709914**

**Site 5 of 8 in cluster L**

**Relative:**  
**Higher**

MN Voluntary Investigation Cleanup Program:

Facility ID:            VP7780  
 Facility Address 2:    Not reported  
 Link Id:                4426  
 Facility Type:         Other  
 Active:                 No  
 Pay Complete:         0  
 MPCA Region:         Metro  
 Size Acres:            0.50000  
 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:                Metro

**Actual:**  
**868 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HIGHLAND SHOPPING CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1004537085**

Program Referred from:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Source damage:	No
Clean up Cost:	0
Indian Reservation:	No
Reservation Name:	Not reported
MPCA Owned Wells at site:	No
Created By:	Unknown
Date Created:	11/27/96
Date Last Updated:	02/04/00
Federal Facility:	False
Primary Funding Source:	Not reported
EPA Id:	Not reported
MPCA Id:	Not reported
Alpha Sort:	Not reported
Legal Distt:	64B
Congressional Dist:	4
Scale Of Map Used Pls Loc Data:	A
Township:	0
Range:	0
Range East West:	W
Section:	0
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:	1291
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:	/ /
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:	485313.53125
Utm North:	4973801.50000
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Major Watershed:	0
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	0
Range 2:	0
Range East West:	Not reported
Section 2:	0
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**1004537085**

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: VIC Letter Recipient  
Company Name: Not reported  
Contact Address: 1100 International Centre  
Contact Address 2: Not reported  
Contact City,St,Zip: Minneapolis, MN 55402  
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: 12/02/98  
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: 6512967744  
Contact Phone Ext: Not reported  
Contact Fax: Not reported  
Contact E-mail: Not reported  
Contact Cell Phone: Not reported  
Contact Information Last Updated: 05/19/99  
Misc Contact Info: Not reported

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: 01/29/99  
Misc Contact Info: Not reported

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



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**1004537085**

Contact Province: Not reported  
Contact Country: Not reported  
Contact Postal code: Not reported  
Contact Phone: 651-297-1808  
Contact Phone Ext: Not reported  
Contact Fax: 651-296-9707  
Contact E-mail: larry.quandt@pca.state.mn.us  
Contact Cell Phone: Not reported  
Contact Information Last Updated: 04/16/98  
Misc Contact Info: Not reported

Contaminant Id: WI-DRO  
Contaminated Media: Soil  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: mg/Kg  
Basis For Req Cleanup Lvl: Not reported  
Max Residual Contamination: 0  
Date Info Last Updated: 05/24/99

Contaminant Id: WI-DRO  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: Not reported  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 108-88-3  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 156-59-2  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 156-60-5  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 71-55-6  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**1004537085**

Date Info Last Updated: / /

Contaminant Id: 79-01-6  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 127-18-4  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 00-00-0  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Contaminant Id: 75-01-4  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: ug/L  
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)  
Max Residual Contamination: 0  
Date Info Last Updated: / /

Facid: VP7780  
Event: VIC Program Participation Dates (Start/End)  
Additional Information: None  
Start Date: 11/27/96  
End Date: 12/20/99  
Planned Start Date: / /  
Planned End Date: / /  
Date Info Last Updated: 01/25/02  
Record Number: 3948

Facid: VP7780  
Event: No Association Determination Issued  
Additional Information: None  
Start Date: / /  
End Date: 12/20/96  
Planned Start Date: / /  
Planned End Date: / /  
Date Info Last Updated: 03/09/98  
Record Number: 3949

Facid: VP7780  
Event: Site Transferred (indicate to whom below)  
Additional Information: To SA - for GW release

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HIGHLAND SHOPPING CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1004537085**

Start Date:	/ /
End Date:	01/15/98
Planned Start Date:	/ /
Planned End Date:	/ /
Date Info Last Updated:	03/09/98
Record Number:	4129
Facid:	VP7780
Event:	No Action Letter Sent
Additional Information:	Final No Action Letter
Start Date:	/ /
End Date:	12/20/99
Planned Start Date:	/ /
Planned End Date:	/ /
Date Info Last Updated:	12/20/99
Record Number:	8008
Facid:	VP7780
Event:	No Action Letter Sent
Additional Information:	None Entered
Start Date:	/ /
End Date:	12/15/98
Planned Start Date:	/ /
Planned End Date:	/ /
Date Info Last Updated:	01/06/99
Record Number:	6526
Facid:	VP7780
Event:	Work Plan Approval Letter
Additional Information:	None Entered
Start Date:	/ /
End Date:	09/11/98
Planned Start Date:	/ /
Planned End Date:	/ /
Date Info Last Updated:	02/04/00
Record Number:	8143
Facid:	VP7780
Event:	Work Plan Approval Letter
Additional Information:	None Entered
Start Date:	/ /
End Date:	05/24/99
Planned Start Date:	/ /
Planned End Date:	/ /
Date Info Last Updated:	02/04/00
Record Number:	8144
Facid:	VP7780
GW Receipts Prot by Rem Actn:	0
Ecological receptors present:	False
Type of ecological receptors:	Not reported
Acres of contaminated soil:	0
Volume of contaminated soil:	0
Acres of surface water impacted:	0
Acres of wetland impacted:	0
Acres of sediment impacted:	0
GW Plume Area Acres:	0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HIGHLAND SHOPPING CENTER (Continued)**

**1004537085**

Cleanup Conducted:	False
Acres of Contam Soil remediate:	0
Volume of Soil Cleaned:	0
# Municipal wells contamd:	0
# Dom wells contam:	0
# People Impct SW intake contam:	0
# Drums Revolved from site:	0
Yr Soil Remediated:	0
Acres of Soil w/ Restrict Access:	0
Yr IC remedy complete:	0
Yr GW remedy completed:	0
Year GWIC completed:	0
Acres of wetland of sediment remediated:	0
Public financing:	False
Assurance help:	True
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Industrial
Deed notif Present On Site:	False
Restrictive Covenant Present:	False
GW Pump and Treat Used at site:	False
Quaternary Perched:	False
Quaternary Water Table:	False
Quaternary Confined:	False
Cretaceous:	False
Plattville:	False
St. peter:	False
Prairie Duchien:	False
Jordan:	False
Ironton/Galesville:	False
Mt Simon Hinckley:	False
Precambrian Undifferentiated:	False
Other/Unknown Aquifier:	False
Date Info Last Updated:	05/19/99
Inst Control Info Updated:	/ /
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	Not reported
Notes:	Strip mall
Restrictions:	Not reported
SW Comments:	Not reported

**L77  
 NE  
 1/4-1/2  
 2336 ft.**

**FINASERVE #604-1449-609  
 2005 FORD PKWY  
 ST. PAUL, MN 55116**

**LUST S105832763  
 MN Spills N/A**

**Site 6 of 8 in cluster L**

**Relative:  
 Higher**

LUST:

**Actual:  
 868 ft.**

Site ID:	32236
MN PCA ID:	213844
Leak Site:	Leak Site - Tank and Petroleum Contamination
File Archive Box:	Not reported
File Archive Lot:	Not reported
Soil Digout Date:	04/01/1991 00:00:00
Cubic Yards Excavated:	80
Cond Closure Date:	09/28/1999 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

**Complete Site Closure Date:** 10/12/1999 00:00:00  
Contaminated Soils Remaining: Yes  
Enforcement Action Begin Date: 03/28/1989 00:00:00  
Lust Trust Eligible: Yes  
Offsite Contamination: Yes  
Reimbursement Awarded: No  
Release Discovered Date: 05/22/1986 00:00:00  
Leak Reported Date: 01/17/1989 00:00:00  
Std Letter Response Date: Not reported  
Surface Water Impact: No  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:43  
TMSP Last Update: 07/19/2006 15:11:34  
Staff Id Last Update: SSMITH  
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: 928  
Addr Id: 42236  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 10/19/1999 00:00:00  
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: 213844  
TMSP Added: 12/04/1999 14:05:06  
TMSP Last Update: 05/04/2002 09:02:35  
Staff Id Last Update: TANKS  
MN PCA ID: 213844  
TMSP Added: 12/04/1999 14:05:08  
TMSP Last Update: 05/04/2002 09:02:35  
Staff Id Last Update: TANKS  
MN PCA ID: 213844  
TMSP Added: 12/04/1999 14:05:09  
TMSP Last Update: 05/04/2002 09:02:35  
Staff Id Last Update: TANKS

**LEAK GW INFO:**

MN PCA ID: 213844

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

Dw Supply Contam: No  
 Free Product Observed: Yes  
 Free Product Thickness: 1  
 Ground Water Contam: Yes  
 Gw Cleanup Goal: 100  
 Gw Exceeds Cleanup Goal: Yes  
 Cleanup Goal Achieved: Not reported  
 Water Supply Exceeds Ral: Not reported  
 Well Type Code: Not reported  
 Impacted Aquifer Code: 3  
 TMSP Added: 12/04/1999 14:07:27  
 TMSP Last Update: 11/04/2003 12:57:06  
 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: 213844  
 Prod Released Sequence Id: 401451  
 Leak Product Code: Gasoline, Type Unknown  
 Tmsp Added: 12/27/1999 12:59:07  
 Tmsp Last\_updt: 05/04/2002 09:02:35  
 Staff Id Last Updt: TANKS

Site ID: 32236  
 MN PCA ID: 217499  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 21  
 File Archive Lot: 97/296  
 Soil Digout Date: 11/11/1991 00:00:00  
 Cubic Yards Excavated: 14  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 06/07/1995 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 11/21/1991 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 05/28/1991 00:00:00  
 Leak Reported Date: 05/28/1991 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:46  
 TMSP Last Update: 07/19/2006 15:11:21  
 Staff Id Last Update: SSMITH  
 Release From AST: No  
 Release From UST: No  
 Tank Registration Status Code: F  
 VPIC Application Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FINASERVE #604-1449-609 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

S105832763

VPIC Acres: Not reported  
Facility Addr 2: Not reported  
Leak ID: 4809  
Addr Id: 42236  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 07/08/1997 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 217499  
Dw Supply Contam: Not reported  
Free Product Observed: Not reported  
Free Product Thickness: Not reported  
Ground Water Contam: S  
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 14:07:30  
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: 217499  
Prod Released Sequence Id: 320913

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/04/1999 14:04:32  
Tmsp Last\_updt: 05/04/2002 09:15:49  
Staff Id Last Updt: TANKS

Site ID: 0  
MN PCA ID: 230667  
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: 06/05/2001 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: 05/02/2001 00:00:00  
Leak Reported Date: 05/03/2001 00:00:00  
Std Letter Response Date: 05/23/2001 00:00:00  
Surface Water Impact: Unknown  
Utility Project Flag: No  
TMSP Added: 05/24/2001 09:07:33  
TMSP Last Update: 07/19/2006 15:10:55  
Staff Id Last Update: SSMITH  
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: 14218  
Addr Id: 260931  
Township Name: Not reported  
Active Flag: Not reported  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: Not reported  
Interest Start Date: 05/17/2001 00:00:00  
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  
TMSP Added: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

TMSP Last Update:            Not reported  
Staff Id Last Update:        Not reported

LEAK GW INFO:

MN PCA ID:                    230667  
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:                    05/24/2001 09:07:33  
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:                    230667  
Prod Released Sequence Id:    25244  
Leak Product Code:            Fuel Oil 1 and 2  
Tmsp Added:                    12/10/2001 15:18:34  
Tmsp Last\_updt:                05/04/2002 10:01:31  
Staff Id Last Updt:            TANKS  
MN PCA ID:                    230667  
Prod Released Sequence Id:    25245  
Leak Product Code:            Gasoline, Type Unknown  
Tmsp Added:                    12/10/2001 15:18:34  
Tmsp Last\_updt:                05/04/2002 10:01:31  
Staff Id Last Updt:            TANKS

MN SPILL:

Program Id:                    174251  
Township Name:                Not reported  
Interest Type:                  SP  
Addr Id:                        260931  
Interest Phone:                Not reported  
Preferred Id:                    16077  
Interest Start Date:            03/21/1996 00:00:00  
Interest End Date:              Not reported  
Active:                         Not reported  
Tmsp Added:                    03/21/1996 00:00:00  
Tmsp Last Updt:                06/19/2002 16:58:19  
Staff Id Last Updt:            TANKS  
fadd2:                            Not reported  
State County Code:            62

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FINASERVE #604-1449-609 (Continued)

S105832763

Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3234  
MPCA Project Manager Initials: 3234  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: JEFF MCLEAN  
Spill Date: 04/18/1992 00:00:00  
Spill Reported Date: 04/18/1992 00:00:00  
Init Cause Code: Not reported  
Init Cause Desc: FAULTY AUTO-SHUT-OFF  
Initial Source Code: Not reported  
Priority Code: 4  
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  
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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

**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  
Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**

Program ID: 174251  
Spill Incident Accuracy Id: 68744  
Spill Product Code: Gasoline Regular  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 0  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 05/04/2002 06:51:44  
Staff Id Last Updt: TANKS

Program Id: 174441  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 260931  
Interest Phone: Not reported  
Preferred Id: 16281  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:19  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 4106  
MPCA Project Manager Initials: 4106  
Spill Site Closure Date: 05/27/1992 00:00:00  
Sp Rep Desc: KEN ANDERSON  
Spill Date: 05/27/1992 00:00:00  
Spill Reported Date: 05/27/1992 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

Init Cause Code:	Spill
Init Cause Desc:	SLOP AROUND BASE OF
Initial Source Code:	Not reported
Priority Code:	4
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
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
Public Safety Spill ID:	Not reported
Site ID:	0
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

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:                 174441  
 Spill Incident Accuracy Id: 68921  
 Spill Product Code:        Motor/Lube Oil;Trans/Eng Fluid  
 Spill Qty Units Code:       Unknown  
 Spill Incident Accuracy Code: Known  
 Spill Released Qty:         2  
 Tmsp Added:                03/21/1996 00:00:00  
 Tmsp Last Updt:            05/04/2002 06:52:20  
 Staff Id Last Updt:        TANKS

Program Id:                 226983  
 Township Name:             Not reported  
 Interest Type:              SP  
 Addr Id:                     260931  
 Interest Phone:             6516983208  
 Preferred Id:                51846  
 Interest Start Date:        04/27/2000 00:00:00  
 Interest End Date:         Not reported  
 Active:                      Not reported  
 Tmsp Added:                04/27/2000 08:51:39  
 Tmsp Last Updt:            06/19/2002 16:58:24  
 Staff Id Last Updt:        TANKS  
 fadd2:                        Not reported  
 State County Code:         62  
 Country Code:               USA  
 Foreign State:              Not reported  
 Foreign Zone:               None

**Spill Closure Code:            Nonsignificant, No Followup**

Sp Rep Code:                Response Completed  
 Report Taken By Initials:   3297  
 MPCA Project Manager Initials: 3297  
 Spill Site Closure Date:    04/20/2000 00:00:00  
 Sp Rep Desc:                Other MPCA Staff  
 Spill Date:                 04/20/2000 00:00:00  
 Spill Reported Date:        04/20/2000 00:00:00  
 Init Cause Code:            Overfill  
 Init Cause Desc:            Not reported  
 Initial Source Code:        11  
 Priority Code:               Not reported  
 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FINASERVE #604-1449-609 (Continued)**

**S105832763**

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  
 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  
 Public Safety Spill ID: Not reported  
 Site ID: 0

Comments: Strong odor of gasoline when she got off bus and noted rainbow sheen running down the street gutter and into sewer for 2 blocks to Cleveland and around the corner. Suspects spill from gas station; reoccurring problem. No apparent clean up efforts. \n Followed path to station, overfill. 1 month ago pulled tanks.

**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: Sewer  
 Tmsp Added: 04/27/2000 08:51:51  
 Tmsp Last Updt: 05/04/2002 09:49:35  
 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FINASERVE #604-1449-609 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S105832763**

Tmsp Last Updt: Not reported  
 Staff Id Last Updt: Not reported  
 MN SPILL PRODUCT:  
 Program ID: 226983  
 Spill Incident Accuracy Id: 145414  
 Spill Product Code: Gasoline Unleaded  
 Spill Qty Units Code: Unknown  
 Spill Incident Accuracy Code: Unknown  
 Spill Released Qty: 0  
 Tmsp Added: 04/27/2000 08:51:51  
 Tmsp Last Updt: 05/04/2002 09:49:35  
 Staff Id Last Updt: TANKS

**L78  
 NE  
 1/4-1/2  
 2343 ft.**

**PARKWAY AUTO CARE  
 2005 FORD PKWY  
 ST PAUL, MN 55116**

**RCRA-SQG 1004729663  
 FINDS MND981529373  
 UST**

**Site 7 of 8 in cluster L**

**Relative:  
 Higher**

**Actual:  
 868 ft.**

RCRAInfo:  
 Owner: NAME NOT REPORTED  
 (312) 555-1212  
 EPA ID: MND981529373  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSD 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.

**UST:**

**TANK:**

MPCA Tank Number: 001  
 Tank Registration Date: 04/14/1986 00:00:00  
 Tank Storage Capacity: 560  
**Tank Status: Removed**  
 Tank Stored Product: Used Or Waste Oil  
 Tank Construction Material: Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection: None  
 Piping Cathodic Protection: None

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Gravity  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:54  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 259537  
Contractor Number: 37  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 04/16/1990 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

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: 560  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:21  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 001  
Tank Construction Material Code: 6  
Piping Material: 6  
Piping Material Desc: FIBERGLASS  
Total Tank Capacity Quantity: 12000  
Staff Id Who Did The Last Update: TANKS



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 371040  
INSREM Action: Install Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

**TANK:**

MPCA Tank Number: 002  
Tank Registration Date: 12/11/1996 00:00:00  
Tank Storage Capacity: 12000  
**Tank Status: Active**  
Tank Stored Product: Gasoline  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:32  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 284493  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Install Tank  
Action Date: 09/26/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 002

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 12000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:01  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 002  
Tank Construction Material Code: 6  
Piping Material: 6  
Piping Material Desc: FIBERGLASS  
Total Tank Capacity Quantity: 6000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 371039  
INSREM Action: Install Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

**TANK:**

MPCA Tank Number: 003  
Tank Registration Date: 12/11/1996 00:00:00  
Tank Storage Capacity: 6000  
**Tank Status: Active**  
Tank Stored Product: Gasoline  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass  
Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:56:32  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42236

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Fac Address 2: Not reported  
TANK ACTION:  
MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 288553  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Install Tank  
Action Date: 09/26/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:  
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: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:02  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
MPCA Tank Number: 003  
Tank Construction Material Code: 6  
Piping Material: 6  
Piping Material Desc: FIBERGLASS  
Total Tank Capacity Quantity: 6000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 371038  
INSREM Action: Install Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

TANK:  
MPCA Tank Number: 004  
Tank Registration Date: 12/11/1996 00:00:00  
Tank Storage Capacity: 6000  
**Tank Status: Active**  
Tank Stored Product: Gasoline  
Tank Construction Material: STI-P3  
Tank Cathodic Protection: Anode  
Piping Cathodic Protection: Not Needed  
Piping Material: Fiberglass

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Second Contain Tank: Fiberglass  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: Not reported  
Comments: Not reported  
Date Added: 10/10/1999 10:57:02  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Tank Action ID: 310846  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Install Tank  
Action Date: 09/26/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 004  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 6000  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:28  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
INSREM Product: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

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

**TANK:**

MPCA Tank Number: F58  
Tank Registration Date: 04/14/1986 00:00:00  
Tank Storage Capacity: 4000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Unknown  
Haz Waste Generator Id: MND022888143  
Product Replaced Date: Not reported  
Sludge Disposal Facility: DETERMAN TANK & WELDING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:54  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: F58  
Above Or Underground: Under Ground  
Tank Action ID: 259538  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Remove Tank  
Action Date: 09/24/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: F58  
Above Or Underground: Under Ground

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

1004729663

Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 4000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:21  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: F58  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 4000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 371035  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

**TANK:**

MPCA Tank Number: F59  
Tank Registration Date: 04/14/1986 00:00:00  
Tank Storage Capacity: 4000  
**Tank Status:** **Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:54  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

TANK ACTION:

MPCA Tank Number: F59  
Above Or Underground: Under Ground  
Tank Action ID: 259539  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Remove Tank  
Action Date: 09/24/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: F59  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 4000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:21  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: F59  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 4000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE  
INSREM Action ID: 371036  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

TANK:

MPCA Tank Number: F60  
Tank Registration Date: 04/14/1986 00:00:00  
Tank Storage Capacity: 8000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:24  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: F60  
Above Or Underground: Under Ground  
Tank Action ID: 243774  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Remove Tank  
Action Date: 09/24/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: F60  
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 10:57:54  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: F60  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 8000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Gasoline  
INSREM Product Description: GASOLINE



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

INSREM Action ID: 371034  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

**TANK:**

MPCA Tank Number: F61  
Tank Registration Date: 04/14/1986 00:00:00  
Tank Storage Capacity: 4000  
**Tank Status: Removed**  
Tank Stored Product: Diesel  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Unknown  
Haz Waste Generator Id: MND022888143  
Product Replaced Date: Not reported  
Sludge Disposal Facility: DETERMAN TANK & WELDING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:47  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: F61  
Above Or Underground: Under Ground  
Tank Action ID: 255597  
Contractor Number: 45  
Supervisor Number: 1334  
Tank Action: Remove Tank  
Action Date: 09/24/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: F61  
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

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Tank Stored Product Code: 10  
Tank Stored Product Desc: DIESEL  
Compartment Cap: 4000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:14  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: F61  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 4000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Diesel  
INSREM Product Description: DIESEL  
INSREM Action ID: 371037  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:42  
Date Last Updated: 05/04/2002 07:53:01

**TANK:**

MPCA Tank Number: F62  
Tank Registration Date: 04/14/1986 00:00:00  
Tank Storage Capacity: 1000  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:32  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 42236  
Fac Address 2: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

TANK ACTION:

MPCA Tank Number: F62  
Above Or Underground: Under Ground  
Tank Action ID: 247813  
Contractor Number: 24  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 11/11/1991 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:31:50  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: F62  
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 10:58:01  
Date Last Updated: 05/04/2002 07:53:01  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
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

TABSITE:

Program Interest Id: 193336  
Above Or Underground: Under Ground  
Facility Code: 34  
Indian Reservation: No  
UST Registration Date: 04/14/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05  
Date Last Updated: 05/23/2003 09:21:01  
Staff Id Who Did The Last Update: SYS  
Max Monthly Gallons: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PARKWAY AUTO CARE (Continued)**

**1004729663**

Vapor Recovery Installed: Unknown  
Vapor Notify Required: Unknown

LATLONG:

Program Id: 193336  
Latlong ID: 40293  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 4.41  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 5.81  
Collection Date: 08/08/2000 00:00:00  
Latlong Description: Not reported  
TMSP Added: 8/28/2000 10:31:52 AM  
Date Last Updated: 7/14/2004 10:02:29 PM  
Staff Id Last Updated: jbeauma  
Coord Source Type: 2  
Org Name Source: MPCA  
Coord Coll Meth: A1  
Map Scale Code: E  
Source: CORE  
Site ID: 32236

Program Id: 193336  
Latlong ID: 216931  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 7.28000020980835  
Longitude Degrees: 93  
Longitude Minutes: 11  
Longitude Seconds: 5.34000015258789  
Collection Date: 10/01/1996 00:00:00  
Latlong Description: Not reported  
TMSP Added: 10/10/1999 10:56:15 AM  
Date Last Updated: 5/4/2002 7:53:01 AM  
Staff Id Last Updated: TANKS  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: TALES  
Site ID: 0

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**N79 LANGFORD CHIROPRACTIC CLINIC**  
**NNE 730 CLEVELAND AVE S**  
**1/4-1/2 ST PAUL, MN 55116**  
**2372 ft.**

**RCRA-SQG 1006808858**  
**FINDS MNR000116137**

**Relative:**  
**Higher**

**Site 1 of 4 in cluster N**

**Actual:**  
**865 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

**LANGFORD CHIROPRACTIC CLINIC (Continued)**

**1006808858**

RCRAInfo:  
 Owner: ANNE LANGFORD  
 (651) 699-8610  
 EPA ID: MNR000116137  
 Contact: ANNE LANGFORD  
 (651) 699-8610  
 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.

**L80**  
**NE**  
**1/4-1/2**  
**2372 ft.**

**ST PAUL PRINTING INC**  
**1999 FORD PKWY**  
**ST PAUL, MN 55116**

**RCRA-SQG** **1001485404**  
**FINDS** **MND985758549**

**Site 8 of 8 in cluster L**

**Relative:**  
**Higher**

**Actual:**  
**869 ft.**

RCRAInfo:  
 Owner: SCHWEIGER KEITH  
 (612) 698-6603  
 EPA ID: MND985758549  
 Contact: KEITH SCHWEIGER  
 (612) 698-6603  
 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.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**N81**      **RAPID OIL CHANGE**  
**NNE**      **726 S CLEVELAND**  
**1/4-1/2**    **ST. PAUL, MN 55116**  
**2399 ft.**

**UST**    **U003912384**  
**AST**    **N/A**

**Site 2 of 4 in cluster N**

**Relative:**  
**Higher**

UST:

**Actual:**  
**865 ft.**

TANK:

MPCA Tank Number:            001  
 Tank Registration Date:        05/27/1986 00:00:00  
 Tank Storage Capacity:        500  
**Tank Status:**                    **Removed**  
 Tank Stored Product:            Used Or Waste Oil  
 Tank Construction Material:    Bare/Paint/Asph Coat Steel  
 Tank Cathodic Protection:      None  
 Piping Cathodic Protection:    None  
 Piping Material:                Steel/Iron  
 Second Contain Tank:            Steel/Iron  
 Second Contain Pipe:            Not reported  
 Tank Dispenser:                 Gravity  
 Above/ Under Ground:          Under Ground  
 AST Base Material:              Not reported  
 Piping Material Description:    Not reported  
 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 10:56:24  
 Date Last Updated:              05/04/2002 07:52:36  
 Staff Id Who Did The Last Update: TANKS  
 In Compliance:                  No  
 Serial Number:                  Not reported  
 Address Id:                        192054  
 Fac Address 2:                    Not reported

TANK ACTION:

MPCA Tank Number:            001  
 Above Or Underground:         Under Ground  
 Tank Action ID:                 277694  
 Contractor Number:            Not reported  
 Supervisor Number:            Not reported  
 Tank Action:                    Install Tank  
 Action Date:                    01/01/1900 00:00:00  
 Action Date Unknown:          Not reported  
 Corrosion Expert Name:        Not reported  
 Lab Flag:                        Not reported  
 Date Added:                      05/05/2000 08:31:21  
 Date Last Updated:              05/04/2002 07:52:36  
 Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number:            001  
 Above Or Underground:         Under Ground  
 Compartment Number:          1  
 Tank Stored Product Code:      24  
 Tank Stored Product Desc:      WASTE OIL

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RAPID OIL CHANGE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003912384**

Compartment Cap: 500  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:53  
Date Last Updated: 05/04/2002 07:52:37  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: 001  
Tank Construction Material Code: 1  
Piping Material: 1  
Piping Material Desc: STEEL/IRON  
Total Tank Capacity Quantity: 500  
Staff Id Who Did The Last Update: TANKS  
INSREM Product: Used Or Waste Oil  
INSREM Product Description: WASTE OIL  
INSREM Action ID: 370892  
INSREM Action: Remove Tank And Pipe  
Action Completed Date: Not reported  
Date Added: 10/10/1999 11:02:41  
Date Last Updated: 05/04/2002 07:52:36

**TABSITE:**

Program Interest Id: 193218  
Above Or Underground: Both  
Facility Code: 44  
Indian Reservation: No  
UST Registration Date: 05/27/1986 00:00:00  
AST Registration Date: Not reported  
Date Added: 07/23/1992 19:11:05  
Date Last Updated: 05/23/2003 09:21:01  
Staff Id Who Did The Last Update: SYS  
Max Monthly Gallons: Not reported  
Vapor Recovery Installed: Unknown  
Vapor Notify Required: Unknown

**LATLONG:**

Program Id: Not reported  
Latlong ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported  
Latlong Description: Not reported  
TMSP Added: Not reported  
Date Last Updated: Not reported  
Staff Id Last Updated: Not reported  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RAPID OIL CHANGE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

**U003912384**

Site ID: Not reported

AST:

TANK:

MPCA Tank Number: 1001  
Tank Registration Date: 02/02/1998 00:00:00  
Tank Storage Capacity: 250  
Tank Status: Active  
Tank Stored Product: Other Substance  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: None  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:49  
Date Last Updated: 05/06/2004 07:15:02  
AST Base Material: Unknown Or Other Base  
Piping Material Desc: NONE  
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  
Facility Addr 2: Not reported

TANK ACTION:

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

TANK COMPARTMENT:

MPCA Tank Number: 1001  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 21  
Tank Stored Product Desc: BULK OIL  
Compartment Cap: 250  
Heating: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RAPID OIL CHANGE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003912384**

Other Desc: Not reported  
Date Added: 10/10/1999 10:59:04  
Date Last Updated: 05/04/2002 07:52:37  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1002  
Tank Registration Date: 02/02/1998 00:00:00  
Tank Storage Capacity: 250  
Tank Status: Active  
Tank Stored Product: Other Substance  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: None  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:44  
Date Last Updated: 05/06/2004 07:15:02  
AST Base Material: Unknown Or Other Base  
Piping Material Desc: NONE  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

MPCA Tank Number: Not reported  
Above Or Underground: Not reported  
Tank Action ID: Not reported  
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

**RAPID OIL CHANGE (Continued)**

**U003912384**

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

**TANK COMPARTMENT:**

MPCA Tank Number:            1002  
Above Or Underground:        Above Ground  
Compartment Number:         1  
Tank Stored Product Code:    21  
Tank Stored Product Desc:    BULK OIL  
Compartment Cap:             250  
Heating:                        Not reported  
Other Desc:                    Not reported  
Date Added:                    10/10/1999 10:59:02  
Date Last Updated:            05/04/2002 07:52:37  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number:            1003  
Tank Registration Date:        02/02/1998 00:00:00  
Tank Storage Capacity:        500  
Tank Status:                    Active  
Tank Stored Product:           Used Or Waste Oil  
Tank Construction Material:   Metal  
Tank Cathodic Protection:    Not reported  
Piping Cathodic Protection:   Not reported  
Piping Material:               None  
Second Contain Tank:         Not reported  
Second Contain Pipe:         Not reported  
Tank Dispenser:                Not reported  
Above/Under Ground:         Above Ground  
Serial Number:                 Not reported  
Date Added:                    10/10/1999 10:57:44  
Date Last Updated:            05/06/2004 07:15:02  
AST Base Material:             Unknown Or Other Base

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RAPID OIL CHANGE (Continued)**

**U003912384**

Piping Material Desc: NONE  
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  
Facility Addr 2: Not reported

**TANK ACTION:**

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

**TANK COMPARTMENT:**

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 10:59:02  
Date Last Updated: 05/04/2002 07:52:37  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**RAPID OIL CHANGE (Continued)**

**U003912384**

**TABSITE:**

Program Interest Id:            193218  
Above Or Underground:        Both  
Facility Code:                    44  
Indian Reservation:            No  
UST Registration Date:        05/27/1986 00:00:00  
AST Registration Date:        Not reported  
Date Added:                      07/23/1992 19:11:05  
Date Last Updated:            05/23/2003 09:21:01  
Staff Id Who Did The Last Update:    SYS  
Max Monthly Gallons:        Not reported  
Vapor Recovery Installed:    Unknown  
Vapor Notify Required:        Unknown

**LATLONG:**

Program Id:                      Not reported  
Latlong ID:                      Not reported  
Latitude Degrees:              Not reported  
Latitude Minutes:              Not reported  
Latitude Seconds:              Not reported  
Longitude Degrees:            Not reported  
Longitude Minutes:            Not reported  
Longitude Seconds:            Not reported  
Collection Date:              Not reported  
Latlong Description:        Not reported  
TMSP Added:                    Not reported  
Date Last Updated:        Not reported  
Staff Id Last Updated:      Not reported  
Coord Source Type:        Not reported  
Org Name Source:        Not reported  
Coord Coll Meth:        Not reported  
Map Scale Code:        Not reported  
Source:                      Not reported  
Site ID:                      Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN AST: detail in the EDR Site Report.

**N82            VALVOLINE RAPID OIL CHANGE**  
**NNE            726 S CLEVELAND AVE**  
**1/4-1/2        ST PAUL, MN 55116**  
**2399 ft.**

**RCRA-SQG    1004731305**  
**FINDS        MND985695212**

**Relative:**  
**Higher**

**Site 3 of 4 in cluster N**

**Actual:**  
**865 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**VALVOLINE RAPID OIL CHANGE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1004731305**

RCRAInfo:  
 Owner: FLAHERTY EDWARD F  
 (612) 943-1404  
 EPA ID: MND985695212  
 Contact: LANA SHANLEY  
 (606) 264-2271  
 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.

**N83  
 NNE  
 1/4-1/2  
 2399 ft.**

**VALVOLINE RAPID OIL CHANGE  
 726 CLEVELAND AVE S  
 ST. PAUL, MN 55116**

**LUST U003913015  
 UST N/A  
 AST**

**Site 4 of 4 in cluster N**

**Relative:  
 Higher**

LUST:  
 Site ID: 32954  
 MN PCA ID: 220619  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: Not reported  
 File Archive Lot: Not reported  
 Soil Digout Date: 01/01/1901 00:00:00  
 Cubic Yards Excavated: Not reported  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 10/09/2000 00:00:00**  
 Contaminated Soils Remaining: Unknown  
 Enforcement Action Begin Date: 11/21/1994 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 11/15/1994 00:00:00  
 Leak Reported Date: 11/15/1994 00:00:00  
 Std Letter Response Date: 11/28/1994 00:00:00  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:49  
 TMSP Last Update: 05/06/2003 16:16:39  
 Staff Id Last Update: DMITZUK

**Actual:  
 865 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**VALVOLINE RAPID OIL CHANGE (Continued)**

**U003913015**

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: 8029  
Addr Id: 42954  
Township Name: Not reported  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: Not reported  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 09/14/1999 00:00:00  
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: Closed 10/09/2000.

**LEAK CLEANUP ACTIONS:**

MN PCA ID: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

**LEAK GW INFO:**

MN PCA ID: 220619  
Dw Supply Contam: Not reported  
Free Product Observed: Yes  
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 14:07:32  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

VALVOLINE RAPID OIL CHANGE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

U003913015

Sens Flag: Not reported  
LEAK PRODUCT RELEASED:  
MN PCA ID: 220619  
Prod Released Sequence Id: 33659  
Leak Product Code: Used Oil  
Tmsp Added: 03/06/2003 15:40:44  
Tmsp Last\_updt: 03/06/2003 15:40:44  
Staff Id Last Updt: AMUSCH

UST:

TANK:

MPCA Tank Number: 003  
Tank Registration Date: 08/16/1993 00:00:00  
Tank Storage Capacity: 500  
**Tank Status: Removed**  
Tank Stored Product: Used Or Waste Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Gravity  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: Not reported  
Compartmental Tank Flag: Not reported  
Heating Product Flag: No  
Haz Waste Generator Id: Not reported  
Product Replaced Date: Not reported  
Sludge Disposal Facility: MISSISSIPPI IRON  
Comments: Not reported  
Date Added: 10/10/1999 10:56:30  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 42954  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 845201  
Contractor Number: 618  
Supervisor Number: 6202  
Tank Action: Remove Tank  
Action Date: 11/15/1994 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: N  
Date Added: 05/05/2000 08:30:22  
Date Last Updated: 05/04/2002 08:51:47  
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

VALVOLINE RAPID OIL CHANGE (Continued)

U003913015

TANK COMPARTMENT:  
MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 24  
Tank Stored Product Desc: WASTE OIL  
Compartment Cap: 500  
Heating: No  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:59  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
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  
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

TABSITE:  
Program Interest Id: 210694  
Above Or Underground: Both  
Facility Code: 44  
Indian Reservation: No  
UST Registration Date: 08/16/1993 00:00:00  
AST Registration Date: 05/10/1993 00:00:00  
Date Added: 06/09/1993 10:59:54  
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

LATLONG:  
Program Id: 210694  
Latlong ID: 40838  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 10.12  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 13.64  
Collection Date: 08/08/2000 00:00:00  
Latlong Description: Not reported  
TMSP Added: 8/28/2000 10:31:55 AM



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALVOLINE RAPID OIL CHANGE (Continued)**

**U003913015**

Date Last Updated: 7/14/2004 10:02:30 PM  
Staff Id Last Updated: jbeauma  
Coord Source Type: 2  
Org Name Source: MPCA  
Coord Coll Meth: A1  
Map Scale Code: E  
Source: CORE  
Site ID: 32954

AST:

TANK:

MPCA Tank Number: 1001  
Tank Registration Date: 12/23/1996 00:00:00  
Tank Storage Capacity: 250  
Tank Status: Active  
Tank Stored Product: Motor Oil  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:49  
Date Last Updated: 05/06/2004 07:17:21  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1001  
Above Or Underground: Above Ground  
Tank Action ID: 821580  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 04/01/1986 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:23  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**VALVOLINE RAPID OIL CHANGE (Continued)**

**U003913015**

MPCA Tank Number: 1001  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 20  
Tank Stored Product Desc: MOTOR OIL  
Compartment Cap: 250  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:10  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 1002  
Tank Registration Date: 12/23/1996 00:00:00  
Tank Storage Capacity: 250  
Tank Status: Active  
Tank Stored Product: Motor Oil  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron  
Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:49  
Date Last Updated: 05/06/2004 07:17:21  
AST Base Material: On Supports  
Piping Material Desc: STEEL/IRON  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**VALVOLINE RAPID OIL CHANGE (Continued)**

**U003913015**

Facility Addr 2: Not reported  
TANK ACTION:  
MPCA Tank Number: 1002  
Above Or Underground: Above Ground  
Tank Action ID: 821581  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 04/01/1986 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:23  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:  
MPCA Tank Number: 1002  
Above Or Underground: Above Ground  
Compartment Number: 1  
Tank Stored Product Code: 20  
Tank Stored Product Desc: MOTOR OIL  
Compartment Cap: 250  
Heating: Not reported  
Other Desc: Not reported  
Date Added: 10/10/1999 10:59:10  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:  
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  
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

TANK:  
MPCA Tank Number: 1003  
Tank Registration Date: 12/23/1996 00:00:00  
Tank Storage Capacity: 500  
Tank Status: Active  
Tank Stored Product: Used Or Waste Oil  
Tank Construction Material: Metal  
Tank Cathodic Protection: Not reported  
Piping Cathodic Protection: Not reported  
Piping Material: Steel/Iron

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

VALVOLINE RAPID OIL CHANGE (Continued)

U003913015

Second Contain Tank: Not reported  
Second Contain Pipe: Not reported  
Tank Dispenser: Not reported  
Above/Under Ground: Above Ground  
Serial Number: Not reported  
Date Added: 10/10/1999 10:57:49  
Date Last Updated: 05/06/2004 07:17:21  
AST Base Material: Located Indoors  
Piping Material Desc: STEEL/IRON  
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  
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1003  
Above Or Underground: Above Ground  
Tank Action ID: 821579  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Install Tank  
Action Date: 04/01/1986 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:30:23  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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 10:59:10  
Date Last Updated: 05/04/2002 08:51:47  
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

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  
INSREM Product: Not reported  
INSREM Product Description: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

VALVOLINE RAPID OIL CHANGE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003913015

INSREM Action ID: Not reported  
INSREM Action: Not reported  
Action Completed Date: Not reported  
Date Added: Not reported  
Date Last Updated: Not reported

TABSITE:

Program Interest Id: 210694  
Above Or Underground: Both  
Facility Code: 44  
Indian Reservation: No  
UST Registration Date: 08/16/1993 00:00:00  
AST Registration Date: 05/10/1993 00:00:00  
Date Added: 06/09/1993 10:59:54  
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

LATLONG:

Program Id: 210694  
Latlong ID: 40838  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 10.12  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 13.64  
Collection Date: 08/08/2000 00:00:00  
Latlong Description: Not reported  
TMSP Added: 8/28/2000 10:31:55 AM  
Date Last Updated: 7/14/2004 10:02:30 PM  
Staff Id Last Updated: jbeauma  
Coord Source Type: 2  
Org Name Source: MPCA  
Coord Coll Meth: A1  
Map Scale Code: E  
Source: CORE  
Site ID: 32954

[Click this hyperlink](#) while viewing on your computer to access additional MN AST: detail in the EDR Site Report.

O84  
NE  
1/4-1/2  
2511 ft.

HIGHLAND CAR WASH  
1985 FORD PKWY  
ST. PAUL, MN 55116

LUST S106546988  
N/A

Site 1 of 2 in cluster O

Relative:  
Higher

LUST:

Actual:  
873 ft.

Site ID: 223476  
MN PCA ID: 213933  
Leak Site: Leak Site - Tank and Petroleum Contamination  
File Archive Box: 03  
File Archive Lot: 95/356

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND CAR WASH (Continued)**

**S106546988**

Soil Digout Date: 05/14/1990 00:00:00  
Cubic Yards Excavated: 180  
Cond Closure Date: Not reported  
**Complete Site Closure Date: 02/12/1992 00:00:00**  
Contaminated Soils Remaining: Yes  
Enforcement Action Begin Date: 04/19/1989 00:00:00  
Lust Trust Eligible: Yes  
Offsite Contamination: No  
Reimbursement Awarded: No  
Release Discovered Date: 01/11/1989 00:00:00  
Leak Reported Date: 01/11/1989 00:00:00  
Std Letter Response Date: Not reported  
Surface Water Impact: Unknown  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:43  
TMSP Last Update: 05/04/2002 09:02:54  
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: 1021  
Addr Id: 261018  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 01/12/1998 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

**LEAK GW INFO:**  
MN PCA ID: 213933  
Dw Supply Contam: Not reported  
Free Product Observed: No  
Free Product Thickness: Not reported  
Ground Water Contam: Yes  
Gw Cleanup Goal: 100

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND CAR WASH (Continued)**

**S106546988**

Gw Exceeds Cleanup Goal: No  
Cleanup Goal Achieved: Not reported  
Water Supply Exceeds Ral: No  
Well Type Code: Not reported  
Impacted Aquifer Code: 3  
TMSP Added: 12/04/1999 14:07:27  
TMSP Last Update: 11/04/2003 12:57:06  
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: 213933  
Prod Released Sequence Id: 325891  
Leak Product Code: Gasoline Regular  
Tmsp Added: 12/04/1999 14:04:40  
Tmsp Last\_updt: 05/04/2002 09:02:54  
Staff Id Last Updt: TANKS

**O85  
NE  
1/4-1/2  
2511 ft.**

**HIGHLAND CARWASH (FORMERLY SS)  
1985 FORD PKWY  
ST. PAUL, MN 55116**

**UST U000271227  
N/A**

**Site 2 of 2 in cluster O**

**Relative:  
Higher**

UST:

**Actual:  
873 ft.**

TANK:

MPCA Tank Number: 001  
Tank Registration Date: 12/20/1989 00:00:00  
Tank Storage Capacity: 5000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:35

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND CARWASH (FORMERLY SS) (Continued)**

**U000271227**

Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 261018  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 854564  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 04/01/1990 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:41  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 5000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:04  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TANK:**

MPCA Tank Number: 002  
Tank Registration Date: 12/20/1989 00:00:00  
Tank Storage Capacity: 5000  
**Tank Status: Removed**



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND CARWASH (FORMERLY SS) (Continued)**

**U000271227**

Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:43  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 261018  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Tank Action ID: 854565  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 04/01/1990 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:41  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 002  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 5000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:58:11  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number: Not reported  
Tank Construction Material Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HIGHLAND CARWASH (FORMERLY SS) (Continued)**

**U000271227**

Piping Material: Not reported  
Piping Material Desc: Not reported  
Total Tank Capacity Quantity: Not reported  
Staff Id Who Did The Last Update: 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

**TANK:**

MPCA Tank Number: 003  
Tank Registration Date: 12/20/1989 00:00:00  
Tank Storage Capacity: 5000  
**Tank Status: Removed**  
Tank Stored Product: Gasoline  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Submersible  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
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 10:56:28  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS  
In Compliance: No  
Serial Number: Not reported  
Address Id: 261018  
Fac Address 2: Not reported

**TANK ACTION:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Tank Action ID: 854566  
Contractor Number: Not reported  
Supervisor Number: Not reported  
Tank Action: Remove Tank  
Action Date: 04/01/1990 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:41  
Date Last Updated: 05/04/2002 08:23:19

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**HIGHLAND CARWASH (FORMERLY SS) (Continued)**

**U000271227**

Staff Id Who Did The Last Update: TANKS

**TANK COMPARTMENT:**

MPCA Tank Number: 003  
Above Or Underground: Under Ground  
Compartment Number: 1  
Tank Stored Product Code: 14  
Tank Stored Product Desc: GASOLINE  
Compartment Cap: 5000  
Heating: Unknown  
Other Desc: Not reported  
Date Added: 10/10/1999 10:57:57  
Date Last Updated: 05/04/2002 08:23:19  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

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  
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

**TABSITE:**

Program Interest Id: 202179  
Above Or Underground: Under Ground  
Facility Code: 31  
Indian Reservation: No  
UST Registration Date: 12/20/1989 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

**LATLONG:**

Program Id: Not reported  
Latlong ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**HIGHLAND CARWASH (FORMERLY SS) (Continued)**

**U000271227**

Latlong Description:            Not reported  
 TMSP Added:                    Not reported  
 Date Last Updated:            Not reported  
 Staff Id Last Updated:        Not reported  
 Coord Source Type:            Not reported  
 Org Name Source:              Not reported  
 Coord Coll Meth:              Not reported  
 Map Scale Code:                Not reported  
 Source:                         Not reported  
 Site ID:                         Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN\_UST: detail in the EDR Site Report.

**P86  
 NW  
 1/4-1/2  
 2606 ft.**

**CARE INSTITUTE INC  
 750 MISSISSIPI RIVER BLVD  
 ST. PAUL, MN 55116**

**LUST    S101428706  
 N/A**

**Site 1 of 2 in cluster P**

**Relative:  
 Lower**

LUST:  
 Site ID:                         244280  
 MN PCA ID:                    220635  
 Leak Site:                     Leak Site - Tank and Petroleum Contamination  
 File Archive Box:            14  
 File Archive Lot:             99/85  
 Soil Digout Date:            11/21/1994 00:00:00  
 Cubic Yards Excavated:      800  
 Cond Closure Date:          Not reported  
**Complete Site Closure Date: 03/31/1997 00:00:00**  
 Contaminated Soils Remaining: No  
 Enforcement Action Begin Date: 12/02/1994 00:00:00  
 Lust Trust Eligible:         No  
 Offsite Contamination:      Unknown  
 Reimbursement Awarded:    No  
 Release Discovered Date:    11/21/1994 00:00:00  
 Leak Reported Date:         11/21/1994 00:00:00  
 Std Letter Response Date:   12/13/1994 00:00:00  
 Surface Water Impact:       Unknown  
 Utility Project Flag:         No  
 TMSP Added:                  12/04/1999 14:03:49  
 TMSP Last Update:          05/07/2003 07:32:31  
 Staff Id Last Update:        KMITZUK  
 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:                        8046  
 Addr Id:                        267652  
 Township Name:                White Bear  
 Active Flag:                    No  
 Country Code:                 USA  
 Foreign State:                 Not reported  
 Foreign Zone:                 None  
 State County Code:          62  
 Interest Type:                 LS

**Actual:  
 803 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CARE INSTITUTE INC (Continued)

S101428706

Interest Phone: NO CORE PI PH.  
Interest Start Date: 11/04/1998 00:00:00  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 220635  
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 14:07:32  
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: 220635  
Prod Released Sequence Id: 322532  
Leak Product Code: Gasoline, Type Unknown  
Tmsp Added: 12/04/1999 14:04:34  
Tmsp Last\_updt: 05/04/2002 09:27:20  
Staff Id Last Updt: TANKS  
MN PCA ID: 220635  
Prod Released Sequence Id: 324958  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/04/1999 14:04:37  
Tmsp Last\_updt: 05/04/2002 09:27:20  
Staff Id Last Updt: TANKS

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**P87**      **740 RIVER DRIVE APARTMENTS**  
**NW**      **740 MISSISSIPPI RIVER DR**  
**1/2-1**    **ST. PAUL, MN 55118**  
**2655 ft.**

**LUST**    **S101428710**  
**MN Spills**    **N/A**

**Site 2 of 2 in cluster P**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**802 ft.**

Site ID: 244250  
 MN PCA ID: 220548  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 03  
 File Archive Lot: 97/296  
 Soil Digout Date: 10/14/1994 00:00:00  
 Cubic Yards Excavated: 185  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 05/19/1995 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 11/01/1994 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 10/14/1994 00:00:00  
 Leak Reported Date: 10/14/1994 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:49  
 TMSP Last Update: 05/07/2003 07:35:44  
 Staff Id Last Update: KMITZUK  
 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: 7953  
 Addr Id: 267566  
 Township Name: White Bear  
 Active Flag: No  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
 State County Code: 62  
 Interest Type: LS  
 Interest Phone: NO CORE PI PH.  
 Interest Start Date: 03/20/1997 00:00:00  
 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  
 TMSP Added: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**740 RIVER DRIVE APARTMENTS (Continued)**

**S101428710**

TMSP Last Update:	Not reported
Staff Id Last Update:	Not reported
<b>LEAK GW INFO:</b>	
MN PCA ID:	220548
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 14:07:32
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
<b>LEAK PRODUCT RELEASED:</b>	
MN PCA ID:	220548
Prod Released Sequence Id:	322476
Leak Product Code:	Gasoline Regular
Tmsp Added:	12/04/1999 14:04:34
Tmsp Last_updt:	05/04/2002 09:27:00
Staff Id Last Updt:	TANKS
<b>MN SPILL:</b>	
Program Id:	229289
Township Name:	Not reported
Interest Type:	SP
Addr Id:	267566
Interest Phone:	Not reported
Preferred Id:	53455
Interest Start Date:	11/29/2000 09:55:49
Interest End Date:	Not reported
Active:	Not reported
Tmsp Added:	11/29/2000 09:55:49
Tmsp Last Updt:	07/19/2005 11:18:01
Staff Id Last Updt:	RSUCHAN
fadd2:	Not reported
State County Code:	62
Country Code:	USA
Foreign State:	Not reported
Foreign Zone:	None
<b>Spill Closure Code:</b>	<b>Response Completed</b>
Sp Rep Code:	Refer To Air Quality
Report Taken By Initials:	3297

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

740 RIVER DRIVE APARTMENTS (Continued)

S101428710

Mpca Project Manager Initials: 3297  
Spill Site Closure Date: 11/29/2000 00:00:00  
Sp Rep Desc: Chuck Donkers  
Spill Date: 11/26/2000 00:00:00  
Spill Reported Date: 11/26/2000 00:00:00  
Init Cause Code: Equipment Failure  
Init Cause Desc: Not reported  
Initial Source Code: 8  
Priority Code: Not reported  
Archive Lot: Not reported  
Archive Box: Not reported  
Rep Phone: 6517356227  
Rep Name: Chuck Donkers  
Mpca Involvement: Limited  
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  
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  
Public Safety Spill ID: 5222  
Site ID: 0  
Comments: Caller stated that a equipment failure caused the release. Unknown if transformer oil had PCB's. Spill was contained in a containment area. Crew was sent for clean up.

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: Soil  
Tmsp Added: 11/29/2000 09:55:50



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**740 RIVER DRIVE APARTMENTS (Continued)**

**S101428710**

Tmsp Last Updt: 05/04/2002 09:57:04  
 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: 229289  
 Spill Incident Accuracy Id: 150897  
 Spill Product Code: Motor/Lube Oil;Trans/Eng Fluid  
 Spill Qty Units Code: Gallons  
 Spill Incident Accuracy Code: Estimated  
 Spill Released Qty: 50  
 Tmsp Added: 11/29/2000 09:55:49  
 Tmsp Last Updt: 05/04/2002 09:57:04  
 Staff Id Last Updt: TANKS

**88  
 NE  
 1/2-1  
 3084 ft.**

**MANN ELEMANTARY SCHOOL  
 2001 ELEANOR AVE  
 ST. PAUL, MN 55116**

**LUST S100057920  
 MN Spills N/A**

**Relative:  
 Higher**

LUST:  
 Site ID: 0  
 MN PCA ID: 214236  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 06  
 File Archive Lot: 94/372  
 Soil Digout Date: 07/17/1989 00:00:00  
 Cubic Yards Excavated: 260  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 06/05/1990 00:00:00**  
 Contaminated Soils Remaining: No  
 Enforcement Action Begin Date: 06/05/1989 00:00:00  
 Lust Trust Eligible: No  
 Offsite Contamination: No  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 07/17/1989 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:43  
 TMSP Last Update: 05/04/2002 09:03:59  
 Staff Id Last Update: TANKS  
 Release From AST: No

**Actual:  
 879 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**MANN ELEMANTARY SCHOOL (Continued)**

**S100057920**

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: 1343  
Addr Id: 261318  
Township Name: Not reported  
Active Flag: Not reported  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: Not reported  
Interest Start Date: 07/24/1992 15:04:11  
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  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff Id Last Update: Not reported

LEAK GW INFO:  
MN PCA ID: 214236  
Dw Supply Contam: Not reported  
Free Product Observed: No  
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 14:07:27  
TMSP Last Update: 11/04/2003 12:57:06  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**MANN ELEMANTARY SCHOOL (Continued)**

**S100057920**

LEAK PRODUCT RELEASED:

MN PCA ID: 214236  
Prod Released Sequence Id: 401646  
Leak Product Code: Fuel Oil 4 and 6  
Tmsp Added: 12/27/1999 12:59:07  
Tmsp Last\_updt: 05/04/2002 09:03:59  
Staff Id Last Updt: TANKS

MN SPILL:

Program Id: 170087  
Township Name: Not reported  
Interest Type: SP  
Addr Id: 261318  
Interest Phone: Not reported  
Preferred Id: 5589  
Interest Start Date: 03/21/1996 00:00:00  
Interest End Date: Not reported  
Active: Not reported  
Tmsp Added: 03/21/1996 00:00:00  
Tmsp Last Updt: 06/19/2002 16:58:18  
Staff Id Last Updt: TANKS  
fadd2: Not reported  
State County Code: 62  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
**Spill Closure Code: Not reported**  
Sp Rep Code: Not reported  
Report Taken By Initials: 3236  
MPCA Project Manager Initials: 3094  
Spill Site Closure Date: 01/01/1996 00:00:00  
Sp Rep Desc: KENT VAN METER  
Spill Date: Not reported  
Spill Reported Date: 07/17/1989 00:00:00  
Init Cause Code: Not reported  
Init Cause Desc: UST  
Initial Source Code: Not reported  
Priority Code: 4  
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  
Closure Date: Not reported  
Cause Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**MANN ELEMANTARY SCHOOL (Continued)**

**S100057920**

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  
Public Safety Spill ID: Not reported  
Site ID: 0  
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  
Staff Id Last Updt: Not reported

**MN SPILL PRODUCT:**

Program ID: 170087  
Spill Incident Accuracy Id: 64890  
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 06:38:49  
Staff Id Last Updt: TANKS

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**89**  
**NNW**  
**1/2-1**  
**3545 ft.**

**TEMPLE OF AARON**  
**616 S MISSISSIPPI RIVER BLVD**  
**ST PAUL, MN 55116**

**RCRA-SQG**  
**FINDS**  
**LUST**  
**UST**

**1004740223**  
**MNR000108134**

**Relative:**  
**Lower**

RCRAInfo:

Owner: TEMPLE OF AARON CONGREGATION  
 (651) 698-8874

**Actual:**  
**812 ft.**

EPA ID: MNR000108134

Contact: WILLIAM JORKE  
 (651) 698-8874

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.

**LUST:**

Site ID: 227216  
 MN PCA ID: 221802  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 21  
 File Archive Lot: 00/298  
 Soil Digout Date: Not reported  
 Cubic Yards Excavated: Not reported  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 07/11/1997 00:00:00**  
 Contaminated Soils Remaining: Unknown  
 Enforcement Action Begin Date: 05/21/1996 00:00:00  
 Lust Trust Eligible: No  
 Offsite Contamination: No  
 Reimbursement Awarded: No  
 Release Discovered Date: 05/08/1996 00:00:00  
 Leak Reported Date: 05/08/1996 00:00:00  
 Std Letter Response Date: 05/29/1996 00:00:00  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:50  
 TMSP Last Update: 05/06/2003 15:34:43  
 Staff Id Last Update: KMITZUK  
 Release From AST: No  
 Release From UST: No  
 Tank Registration Status Code: U

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TEMPLE OF AARON (Continued)

1004740223

VPIC Application Date: Not reported  
VPIC Acres: Not reported  
Facility Addr 2: Not reported  
Leak ID: 9264  
Addr Id: 205170  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 01/09/1998 00:00:00  
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: 221802  
TMSP Added: 12/04/1999 14:05:14  
TMSP Last Update: 05/04/2002 09:31:34  
Staff Id Last Update: TANKS

LEAK GW INFO:  
MN PCA ID: 221802  
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: No  
Cleanup Goal Achieved: Yes  
Water Supply Exceeds Ral: Not reported  
Well Type Code: Not reported  
Impacted Aquifer Code: 3  
TMSP Added: 12/04/1999 14:07:33  
TMSP Last Update: 11/04/2003 12:57:08  
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: 221802

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TEMPLE OF AARON (Continued)

1004740223

Prod Released Sequence Id: 33698  
Leak Product Code: Unknown  
Tmsp Added: 03/06/2003 16:38:09  
Tmsp Last\_updt: 03/06/2003 16:38:09  
Staff Id Last Updt: AMUSCH

UST:

TANK:

MPCA Tank Number: 001  
Tank Registration Date: 05/07/1996 00:00:00  
Tank Storage Capacity: 4000  
**Tank Status: Removed**  
Tank Stored Product: Fuel Oil  
Tank Construction Material: Bare/Paint/Asph Coat Steel  
Tank Cathodic Protection: None  
Piping Cathodic Protection: None  
Piping Material: Steel/Iron  
Second Contain Tank: Steel/Iron  
Second Contain Pipe: Not reported  
Tank Dispenser: Suction  
Above/ Under Ground: Under Ground  
AST Base Material: Not reported  
Piping Material Description: Not reported  
Unregulated Tank Registration Date: 04/02/1996 00:00:00  
Compartmental Tank Flag: Not reported  
Heating Product Flag: Yes  
Haz Waste Generator Id: MND022888143  
Product Replaced Date: Not reported  
Sludge Disposal Facility: DETERMAN TANK & WELDING  
Comments: Not reported  
Date Added: 10/10/1999 10:56:52  
Date Last Updated: 05/04/2002 08:38:15  
Staff Id Who Did The Last Update: TANKS  
In Compliance: Yes  
Serial Number: Not reported  
Address Id: 205170  
Fac Address 2: Not reported

TANK ACTION:

MPCA Tank Number: 001  
Above Or Underground: Under Ground  
Tank Action ID: 846884  
Contractor Number: 615  
Supervisor Number: 6314  
Tank Action: Remove Tank  
Action Date: 05/08/1996 00:00:00  
Action Date Unknown: Not reported  
Corrosion Expert Name: Not reported  
Lab Flag: Not reported  
Date Added: 05/05/2000 08:31:18  
Date Last Updated: 05/04/2002 08:38:15  
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

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

**TEMPLE OF AARON (Continued)**

**1004740223**

Compartment Number:            1  
Tank Stored Product Code:       13  
Tank Stored Product Desc:       FUEL OIL  
Compartment Cap:                4000  
Heating:                            No  
Other Desc:                        Not reported  
Date Added:                        10/10/1999 10:58:20  
Date Last Updated:               05/04/2002 08:38:15  
Staff Id Who Did The Last Update: TANKS

**INSTALL REMOVE:**

MPCA Tank Number:               001  
Tank Construction Material Code: 1  
Piping Material:                  1  
Piping Material Desc:             STEEL/IRON  
Total Tank Capacity Quantity:   10000  
Staff Id Who Did The Last Update: TANKS  
INSREM Product:                  Fuel Oil  
INSREM Product Description:      FUEL OIL  
INSREM Action ID:                385783  
INSREM Action:                    Remove Tank And Pipe  
Action Completed Date:            Not reported  
Date Added:                        10/10/1999 11:02:59  
Date Last Updated:               05/04/2002 08:38:15

**TABSITE:**

Program Interest Id:              206623  
Above Or Underground:           Under Ground  
Facility Code:                    43  
Indian Reservation:               No  
UST Registration Date:            05/07/1996 00:00:00  
AST Registration Date:            Not reported  
Date Added:                        03/15/1996 14:35:01  
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

**LATLONG:**

Program Id:                        Not reported  
Latlong ID:                        Not reported  
Latitude Degrees:                 Not reported  
Latitude Minutes:                 Not reported  
Latitude Seconds:                 Not reported  
Longitude Degrees:                Not reported  
Longitude Minutes:                Not reported  
Longitude Seconds:                Not reported  
Collection Date:                  Not reported  
Latlong Description:              Not reported  
TMSP Added:                       Not reported  
Date Last Updated:               Not reported  
Staff Id Last Updated:            Not reported  
Coord Source Type:                Not reported  
Org Name Source:                 Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**TEMPLE OF AARON (Continued)**

**1004740223**

Coord Coll Meth: Not reported  
 Map Scale Code: Not reported  
 Source: Not reported  
 Site ID: Not reported

**90  
 NNE  
 1/2-1  
 3928 ft.**

**CLEVELAND TERRACE  
 569 CLEVELAND AVE S  
 ST. PAUL, MN 55112**

**LUST S106549984  
 N/A**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 876 ft.**

Site ID: 245061  
 MN PCA ID: 221229  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: 06  
 File Archive Lot: 98/206  
 Soil Digout Date: Not reported  
 Cubic Yards Excavated: Not reported  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: 04/16/1996 00:00:00**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 08/23/1995 00:00:00  
 Lust Trust Eligible: No  
 Offsite Contamination: Unknown  
 Reimbursement Awarded: No  
 Release Discovered Date: 08/09/1995 00:00:00  
 Leak Reported Date: 08/09/1995 00:00:00  
 Std Letter Response Date: 08/10/1995 00:00:00  
 Surface Water Impact: Unknown  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:49  
 TMSP Last Update: 05/04/2002 09:29:30  
 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: 8668  
 Addr Id: 268242  
 Township Name: White Bear  
 Active Flag: No  
 Country Code: USA  
 Foreign State: Not reported  
 Foreign Zone: None  
 State County Code: 62  
 Interest Type: LS  
 Interest Phone: NO CORE PI PH.  
 Interest Start Date: 08/12/1997 00:00:00  
 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**CLEVELAND TERRACE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S106549984**

Soil Gas Data Comments: Not reported  
 Comments: Not reported

LEAK CLEANUP ACTIONS:  
 MN PCA ID: Not reported  
 TMSP Added: Not reported  
 TMSP Last Update: Not reported  
 Staff Id Last Update: Not reported

LEAK GW INFO:  
 MN PCA ID: 221229  
 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 14:07:33  
 TMSP Last Update: 11/04/2003 12:57:08  
 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: 221229  
 Prod Released Sequence Id: 322928  
 Leak Product Code: Fuel Oil 1 and 2  
 Tmsp Added: 12/04/1999 14:04:34  
 Tmsp Last\_updt: 05/04/2002 09:29:30  
 Staff Id Last Updt: TANKS

91  
 NE  
 > 1  
 6101 ft.

**FORMER SERVICE STATION  
 1817 RANDOLPH  
 ST. PAUL, MN 55105**

**SHWS S106464674  
 LUST N/A  
 MN VIC**

**Relative:  
 Higher**

SHWS:  
 Site Id: SR317  
 Facility Address 2: Not reported  
 Link Id: 6220  
 Site Type: Vehicle Maint.  
 Active?: No  
 MPCA Region: Metro  
 Site Size: 5  
 Score: 0  
 Enforcement Lead Agency: Not reported  
 Federal Deferral Pilot?: No

**Actual:  
 930 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORMER SERVICE STATION (Continued)**

**S106464674**

Site Classification A Emergency: No  
 Site Classification B O and m: No  
 Site Classification C Rd/ra: No  
 Site Classification D Ri/fs: No  
 Fund Financed: No  
 On NPL: No  
 Plp: No  
 District: Metro  
 Program Site Was Referred From: Tanks & Spills  
 Program Interest: SF  
 Physical Location: NE COrner of Farview and Randolph St. Paul  
 Natural Resource Damage: No  
 Cleanup Cost: 0  
 Indian Reservation Land?: No  
 Reservation Name: Not reported  
 MPCA-owned Wells At Site?: No  
 Created By: Hans Neve  
 Created Date: 03/04/99  
 Last Update Date: 11/16/04  
 Federal Facility?: False  
 Primary Funding Source: MERLA (State Match)  
 Epa Id: Not reported  
 MPCA Id: Not reported  
 Basin code: 2  
 Major water: 20  
 Minor water: 0  
 Notes: Tanks Leak Site, Leak #532

**LUST:**

Site ID: 240642  
 MN PCA ID: 213480  
 Leak Site: Leak Site - Tank and Petroleum Contamination  
 File Archive Box: Not reported  
 File Archive Lot: Not reported  
 Soil Digout Date: 08/31/1987 00:00:00  
 Cubic Yards Excavated: 12  
 Cond Closure Date: Not reported  
**Complete Site Closure Date: Not reported**  
 Contaminated Soils Remaining: Yes  
 Enforcement Action Begin Date: 02/22/1988 00:00:00  
 Lust Trust Eligible: Yes  
 Offsite Contamination: Yes  
 Reimbursement Awarded: No  
 Release Discovered Date: Not reported  
 Leak Reported Date: 02/22/1988 00:00:00  
 Std Letter Response Date: Not reported  
 Surface Water Impact: No  
 Utility Project Flag: No  
 TMSP Added: 12/04/1999 14:03:43  
 TMSP Last Update: 09/06/2006 09:01:59  
 Staff Id Last Update: ADWORAK  
 Release From AST: No  
 Release From UST: Yes  
 Tank Registration Status Code: F  
 VPIC Application Date: 06/22/2004 00:00:00  
 VPIC Acres: .21  
 Facility Addr 2: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORMER SERVICE STATION (Continued)**

**S106464674**

Leak ID: 532  
Addr Id: 260572  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 11/10/1998 16:42:35  
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: 213480  
TMSP Added: 12/04/1999 14:05:06  
TMSP Last Update: 05/04/2002 09:01:13  
Staff Id Last Update: TANKS  
MN PCA ID: 213480  
TMSP Added: 12/04/1999 14:05:08  
TMSP Last Update: 05/04/2002 09:01:13  
Staff Id Last Update: TANKS  
MN PCA ID: 213480  
TMSP Added: 12/04/1999 14:05:09  
TMSP Last Update: 05/04/2002 09:01:13  
Staff Id Last Update: TANKS

**LEAK GW INFO:**

MN PCA ID: 213480  
Dw Supply Contam: No  
Free Product Observed: Yes  
Free Product Thickness: 6  
Ground Water Contam: Yes  
Gw Cleanup Goal: 100  
Gw Exceeds Cleanup Goal: Yes  
Cleanup Goal Achieved: Not reported  
Water Supply Exceeds Ral: No  
Well Type Code: 2  
Impacted Aquifer Code: 3  
TMSP Added: 12/04/1999 14:07:27  
TMSP Last Update: 04/13/2005 17:24:43  
Staff Id Last Update: JKAEHLE  
Mtbe Present Now: Yes  
Mtbe Present Historically: Yes  
Mtbe High Ug Per Liter Char: 120  
Mtbe High Ug Per Liter Numb: 120  
Mtbe High Level Date: 07/19/1995 00:00:00  
Free Product At Close: Not reported  
Staff Id Ass: 1612

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FORMER SERVICE STATION (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S106464674

PWS Well: Not reported  
Prot Flag: Not reported  
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 213480  
Prod Released Sequence Id: 325798  
Leak Product Code: Gasoline, Type Unknown  
Tmsp Added: 12/04/1999 14:04:40  
Tmsp Last\_updt: 05/04/2002 09:01:13  
Staff Id Last Updt: TANKS  
MN PCA ID: 213480  
Prod Released Sequence Id: 326613  
Leak Product Code: Fuel Oil 1 and 2  
Tmsp Added: 12/04/1999 14:04:41  
Tmsp Last\_updt: 05/04/2002 09:01:13  
Staff Id Last Updt: TANKS

MN Voluntary Investigation Cleanup Program:

Facility ID: VP19230  
Facility Address 2: Not reported  
Link Id: 6204  
Facility Type: Vehicle Maint.  
Active: No  
Pay Complete: 0  
MPCA Region: Metro  
Size Acres: 0.21299  
HRS Score: 0  
Enforcement Lead Agency: MPCA  
Federal Defferal Plot: No  
Emergency: No  
Site Classification: No  
RD/RA: No  
RL/FS: Yes  
Fund financed: No  
Npl: No  
Plp: No  
District: Metro  
Program Referred from: Tanks & Spills  
Program Interest: VIC  
Physical Location: NE COrner of Farview and Randolph St. Paul  
Natural Source damage: No  
Clean up Cost: 0  
Indian Reservation: No  
Reservation Name: Not reported  
MPCA Owned Wells at site: No  
Created By: Pjensen  
Date Created: 06/23/04  
Date Last Updated: 02/22/05  
Federal Facility: False  
Primary Funding Source: MERLA (State Match)  
EPA Id: Not reported  
MPCA Id: Not reported  
Alpha Sort: Not reported  
Legal Distt: 64B  
Congressional Dist: 4  
Scale Of Map Used Pls Loc Data: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORMER SERVICE STATION (Continued)**

**S106464674**

Township:	28
Range:	23
Range East West:	W
Section:	9
Pls Qtr Section (160 Acres):	SW
Pls Qtr Qtr Section (40 Acres):	Ne
Pls Qtr-Qtr-Qtr Section (10 Acres):	NE
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	NE
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
Date Of Utm Coord Pt Data Collection:	/ /
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	0
Utm North:	0
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Major Watershed:	0
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	0
Range 2:	0
Range East West:	Not reported
Section 2:	0
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 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:	6512973080
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	karen.kromar@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	06/23/04
Misc Contact Info:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FORMER SERVICE STATION (Continued)**

**S106464674**

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:                    6512968572  
Contact Phone Ext:                    Not reported  
Contact Fax:                    6512969707  
Contact E-mail:                    lynne.grigor@pca.state.mn.us  
Contact Cell Phone:                    Not reported  
Contact Information Last Updated:                    06/23/04  
Misc Contact Info:                    Not reported

Contact Type:                    Voluntary Party  
Company Name:                    Division 25, LLC  
Contact Address:                    7807 Creekridge Circle  
Contact Address 2:                    Not reported  
Contact City,St,Zip:                    Bloomington, MN 55439  
Contact Province:                    Not reported  
Contact Country:                    Not reported  
Contact Postal code:                    Not reported  
Contact Phone:                    9528977750  
Contact Phone Ext:                    Not reported  
Contact Fax:                    9528427750  
Contact E-mail:                    jjohannson@welshco.com  
Contact Cell Phone:                    Not reported  
Contact Information Last Updated:                    06/23/04  
Misc Contact Info:                    Not reported

Contact Type:                    Owner  
Company Name:                    BOMAR, LLP  
Contact Address:                    12178 Gantry Lane  
Contact Address 2:                    Not reported  
Contact City,St,Zip:                    Apple Valley, MN 551246298  
Contact Province:                    Not reported  
Contact Country:                    Not reported  
Contact Postal code:                    Not reported  
Contact Phone:                    9529972293  
Contact Phone Ext:                    Not reported  
Contact Fax:                    Not reported  
Contact E-mail:                    Not reported  
Contact Cell Phone:                    Not reported  
Contact Information Last Updated:                    06/23/04  
Misc Contact Info:                    Not reported

Contact Type:                    Consultant  
Company Name:                    Landmark Environmental, LLC  
Contact Address:                    2042 West 98th Street  
Contact Address 2:                    None  
Contact City,St,Zip:                    Bloomington, MN 55431  
Contact Province:                    Not reported  
Contact Country:                    Not reported  
Contact Postal code:                    Not reported  
Contact Phone:                    9528879601

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FORMER SERVICE STATION (Continued)

S106464674

Contact Phone Ext: Not reported  
Contact Fax: 9528879605  
Contact E-mail: khaberman@landmarkenv.com  
Contact Cell Phone: Not reported  
Contact Information Last Updated: 06/23/04  
Misc Contact Info: Not reported

Contact Type: Legal Counsel  
Company Name: Winthrop & Weinstine  
Contact Address: 225 South Sixth Street, Suite 3500  
Contact Address 2: None  
Contact City,St,Zip: Minneapolis, MN 55402  
Contact Province: Not reported  
Contact Country: Not reported  
Contact Postal code: Not reported  
Contact Phone: 6126046617  
Contact Phone Ext: Not reported  
Contact Fax: 6126046800  
Contact E-mail: dschleck@winthrop.com  
Contact Cell Phone: Not reported  
Contact Information Last Updated: 06/23/04  
Misc Contact Info: Not reported

Contaminant Id: 108-88-3  
Contaminated Media: Ground Water  
Req Cleanup Concluded: 0  
Cleanup Lvl Measure Units: Not reported  
Basis For Req Cleanup Lvl: Not reported  
Max Residual Contamination: 0  
Date Info Last Updated: 01/10/05

Facid: VP19230  
Event: VIC Program Participation Dates (Start/End)  
Additional Information: None Entered  
Start Date: 06/23/04  
End Date: 02/22/05  
Planned Start Date: / /  
Planned End Date: / /  
Date Info Last Updated: 06/23/04  
Record Number: 18783

Facid: VP19230  
Event: Technical Assistance Letter Sent  
Additional Information: None Entered  
Start Date: / /  
End Date: 02/18/05  
Planned Start Date: / /  
Planned End Date: / /  
Date Info Last Updated: 02/22/05  
Record Number: 23078

Facid: VP19230  
GW Receipts Prot by Rem Actn: 0  
Ecological receptors present: False  
Type of ecological receptors: Not reported  
Acres of contaminated soil: 0  
Volume of contaminated soil: 0



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FORMER SERVICE STATION (Continued)**

**S106464674**

Acres of surface water impacted:	0
Acres of wetland impacted:	0
Acres of sediment impacted:	0
GW Plume Area Acres:	0
Cleanup Conducted:	False
Acres of Contam Soil remediate:	0
Volume of Soil Cleaned:	0
# Municipal wells contamd:	0
# Dom wells contam:	0
# People Impct SW intake contam:	0
# Drums Revolved from site:	0
Yr Soil Remediated:	0
Acres of Soil w/ Restrict Access:	0
Yr IC remedy complete:	0
Yr GW remedy completed:	0
Year GWIC completed:	0
Acres of wetland of sediment remediated:	0
Public financing:	False
Assurance help:	False
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Residential
Deed notif Present On Site:	False
Restrictive Covenant Present:	False
GW Pump and Treat Used at site:	False
Quaternary Perched:	False
Quaternary Water Table:	False
Quaternary Confined:	False
Cretaceous:	False
Plattville:	False
St. peter:	False
Prairie Duchien:	False
Jordan:	False
Ironton/Galesville:	False
Mt Simon Hinckley:	False
Precambrian Undifferentiated:	False
Other/Unknown Aquifer:	False
Date Info Last Updated:	02/22/05
Inst Control Info Updated:	02/22/05
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	A non-petroleum release was not present in the groundwater at the site therefore a technical assistance letter was issued.
Notes:	Tanks Leak Site, Leak #532; Superfund Site - Old Phillips 66, SR317
Restrictions:	Not reported
SW Comments:	Not reported

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LILYDALE	U003864609	STONEBRIDGE OF LILYDALE/SHIELY QU	NW CORNER OF HIGHWAY 13 & 35E	55116	UST
MINNEAPOLIS	S106634999	VETERANS AFFAIRS MEDICAL CENTER	SOUTHEAST CORNER OF 54TH STREET AND MINN EHAHA AVE	55417	MN LS
MINNEAPOLIS	S106546944	CROSBY INVESTMENT CO	HIAWATHA / NAWADAHA BLVD	55406	LUST
MINNEAPOLIS	S106550330	US BUREAU OF MINES T.C.RESEARCH CENTER	5629 MINNEHAHA AVE S	55417	LUST
MINNEAPOLIS	S106546966	WEST RIVER PARKWAY	NEW W RIVER PKWY	55406	LUST
MINNEAPOLIS	S106550804	LOCK & DAM #1	5000 W RIVER PKWY	55417	LUST
MINNEAPOLIS	S106550476	RIVER RD WEST APTS/FORMER GAS STATION	3000 RIVER RD W	55406	LUST
ST. PAUL	S107562786	NSP PLANT	CHESTNUT ST		MN Spills
ST. PAUL	S107562710	MCES METRO PLANT	CHILDS ROAD		MN Spills
ST. PAUL	S107562631	METRO PLANT	3500 CHILDS RD		MN Spills
ST. PAUL	S107561802	MCES METRO PLANT	CHILDS ROAD		MN Spills
ST. PAUL	1009399195	LTF REAL ESTATE CO INC	2145 FORD PKWY STE LL	55116	RCRA-SQG
ST. PAUL	1009402750	LTF REAL ESTATE CO INC	2145 FORD PKWY STE LL	55116	FINDS, MLTS
ST. PAUL	S106546884	AMOCO SS# 8529	2185 FORD PARKWAY / CRETIN	55116	LUST
ST. PAUL	U003913092	STEVEN KEOUGH RESIDENCE	470 MISSISSIPPI BLVD	55116	UST
ST. PAUL	S103813849	CROSBY LAKE BUSINESS PARK	MONTREAL CIRCLE	55116	MN VIC
ST. PAUL	U003995608	U OF MN - NORTHWEST GREENHOUSE	SW OF CLEVELAND & LARPENTEUR	55116	UST
ST. PAUL	S108234346	TWIN CITIES AND WESTERN RAILROAD LOCOMOTIVE FIRE	ST. PAUL NEAR HAMLIN AVENUE		MN Spills
ST. PAUL	S107562131	EXCEL ENERGH HIGHBRIDGE PLANT	RANDOLPH AND 7TH ST		MN Spills
ST. PAUL	S106461462	QUEBECOR PRINTING	1999 SHEPHARD RD	55116	LUST, MN Spills, LAST
ST. PAUL	S106461712	FORD MOTOR CO.	STATION RD	55116	MN Spills

## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D018	BENZENE
D035	METHYL ETHYL KETONE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F009	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

# 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: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 02/23/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	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: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	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: 02/19/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/21/2007
	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: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/19/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/19/2007
	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: 12/20/2006	Source: EPA
Date Data Arrived at EDR: 01/29/2007	Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007	Source: EPA
Date Data Arrived at EDR: 01/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2007
	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: 02/27/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/16/2007
	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: 01/24/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/23/2007
	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: 11/28/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/17/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/16/2007
	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: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	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: 01/24/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 703-603-8905
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/02/2007
	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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

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

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	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: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	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: 02/06/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/23/2007
	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: 01/10/2007	Source: EPA
Date Data Arrived at EDR: 01/24/2007	Telephone: 703-416-0223
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/22/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/02/2007
	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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/19/2007
	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

## **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: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	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: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	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: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	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: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

## **RADINFO:** Radiation Information Database

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

Date of Government Version: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

## **CDL:** Clandestine Drug Labs

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

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

## **LUCIS:** Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Varies

## **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 43

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 03/02/2007  
Next Scheduled EDR Contact: 05/07/2007  
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: 01/11/2007  
Date Data Arrived at EDR: 01/26/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 32

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
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: 11/15/2006  
Date Data Arrived at EDR: 12/28/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/28/2006  
Next Scheduled EDR Contact: 03/26/2007  
Data Release Frequency: Semi-Annually

## **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: 01/18/2007  
Date Data Arrived at EDR: 01/23/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 35

Source: EPA  
Telephone: N/A  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
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  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/06/2007  
Next Scheduled EDR Contact: 06/11/2007  
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: 12/31/2006  
Date Data Arrived at EDR: 01/03/2007  
Date Made Active in Reports: 01/16/2007  
Number of Days to Update: 13

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-6300  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
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  
Date Data Arrived at EDR: 07/05/2006  
Date Made Active in Reports: 08/14/2006  
Number of Days to Update: 40

Source: Pollution Control Agency  
Telephone: 651-296-6139  
Last EDR Contact: 03/07/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Annually

### **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  
Date Data Arrived at EDR: 06/22/2006  
Date Made Active in Reports: 07/25/2006  
Number of Days to Update: 33

Source: Pollution Control Agency  
Telephone: 651-296-6139  
Last EDR Contact: 03/06/2007  
Next Scheduled EDR Contact: 06/04/2007  
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: 12/01/2006  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/16/2007  
Number of Days to Update: 39

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-7276  
Last EDR Contact: 03/07/2007  
Next Scheduled EDR Contact: 06/04/2007  
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: 12/01/2006  
Date Data Arrived at EDR: 01/23/2007  
Date Made Active in Reports: 03/08/2007  
Number of Days to Update: 44

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-9543  
Source: Pollution Control Agency, GIS Section  
Telephone: 651-296-7266  
Last EDR Contact: 01/03/2007  
Next Scheduled EDR Contact: 03/19/2007  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LS: List of Sites

The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory (METRO), 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

Date of Government Version: 01/09/2007	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 01/19/2007	Telephone: 651-297-2731
Date Made Active in Reports: 03/08/2007	Source: Pollution Control Agency, GIS Section
Number of Days to Update: 48	Telephone: 651-297-2731
	Last EDR Contact: 01/16/2007
	Next Scheduled EDR Contact: 04/16/2007
	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: 12/01/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 12/08/2006	Telephone: 651-296-6300
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Semi-Annually

## 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: 12/01/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 12/08/2006	Telephone: 651-649-5451
Date Made Active in Reports: 01/09/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Varies

## LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 12/01/2006	Source: Pollution Control Agency
Date Data Arrived at EDR: 12/08/2006	Telephone: 651-296-6300
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Semi-Annually

## AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 12/08/2006	Telephone: 651-296-0930
Date Made Active in Reports: 01/09/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/04/2007
	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	Source: Pollution Control Agency
Date Data Arrived at EDR: 07/07/2006	Telephone: 602-282-5988
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**BULK:** Bulk Facilities Database

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 12/06/2006	Source: Department of Agriculture
Date Data Arrived at EDR: 12/07/2006	Telephone: 651-297-3997
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Semi-Annually

**SPILLS:** Spills Database

Spills reported to the Pollution Control Agency.

Date of Government Version: 12/01/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 12/08/2006	Telephone: 651-297-8617
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/04/2007
	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: 12/07/2006	Source: Department of Agriculture
Date Data Arrived at EDR: 12/14/2006	Telephone: 651-297-3997
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Semi-Annually

**INST CONTROL:** Site Remediation Section Database

Sites that have an Institutional Control event.

Date of Government Version: 12/31/2006	Source: Pollution Control Agency
Date Data Arrived at EDR: 01/03/2007	Telephone: 512-296-6300
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

**VIC:** Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 12/31/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 01/03/2007	Telephone: 651-296-7291
Date Made Active in Reports: 01/16/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

**DRYCLEANERS:** Registered Drycleaning Facilities

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

Date of Government Version: 01/24/2007	Source: Pollution Control Agency
Date Data Arrived at EDR: 01/25/2007	Telephone: 651-296-6300
Date Made Active in Reports: 03/08/2007	Last EDR Contact: 01/22/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/09/2007
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2005  
Date Data Arrived at EDR: 11/10/2005  
Date Made Active in Reports: 12/14/2005  
Number of Days to Update: 34

Source: Pollution Control Agency  
Telephone: 651-296-7999  
Last EDR Contact: 12/15/2006  
Next Scheduled EDR Contact: 03/12/2007  
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  
Date Data Arrived at EDR: 05/24/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 22

Source: Department of Health  
Telephone: 651-215-5800  
Last EDR Contact: 03/09/2007  
Next Scheduled EDR Contact: 05/21/2007  
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: 01/08/2007  
Date Data Arrived at EDR: 01/25/2007  
Date Made Active in Reports: 03/08/2007  
Number of Days to Update: 42

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-8332  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Quarterly

## **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: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Annually

## **AIRS:** Permit Contact List

A listing of permitted AIRS facilities.

Date of Government Version: 01/17/2007  
Date Data Arrived at EDR: 01/18/2007  
Date Made Active in Reports: 03/08/2007  
Number of Days to Update: 49

Source: Pollution Control Agency  
Telephone: 651-296-7351  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
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: 12/04/2006  
Date Data Arrived at EDR: 12/04/2006  
Date Made Active in Reports: 01/16/2007  
Number of Days to Update: 43

Source: Department of Public Safety  
Telephone: 651-296-2233  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 02/08/2007  
Next Scheduled EDR Contact: 05/07/2007  
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: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

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

Date of Government Version: 11/21/2006  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 52

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 02/21/2007  
Data Release Frequency: Quarterly

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

Date of Government Version: 12/19/2006  
Date Data Arrived at EDR: 12/19/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
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  
Date Data Arrived at EDR: 01/21/2005  
Date Made Active in Reports: 02/28/2005  
Number of Days to Update: 38

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006  
Date Data Arrived at EDR: 10/04/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 35

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

**INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 52

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

## **INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

## **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: 02/19/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

## **INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

## **INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

## **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

## **INDIAN UST R6:** Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007	Source: EPA Region 6
Date Data Arrived at EDR: 01/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

## **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006	Source: EPA Region 9
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3368
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

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

## **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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Annually

### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 01/01/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/04/2007	Telephone: N/A
Date Made Active in Reports: 02/13/2007	Last EDR Contact: 01/04/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/02/2007
	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: 10/26/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/29/2006	Telephone: 518-402-8651
Date Made Active in Reports: 01/05/2007	Last EDR Contact: 03/02/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **PA 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: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 12/11/2006  
Next Scheduled EDR Contact: 03/12/2007  
Data Release Frequency: Annually

## **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006  
Date Data Arrived at EDR: 10/31/2006  
Date Made Active in Reports: 12/18/2006  
Number of Days to Update: 48

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 12/18/2006  
Next Scheduled EDR Contact: 03/19/2007  
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: 02/06/2007  
Next Scheduled EDR Contact: 04/09/2007  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## **Daycare Centers: Child Care Centers**

Source: Department of Human Services

Telephone: 651-296-3971

**Flood Zone Data:** This data, 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

FORD MOTOR COMPANY TWIN CITIES ASSEMBLY PLANT  
966 SOUTH MISSISSIPPI RIVER BLVD.  
ST. PAUL, MN 55116

### **TARGET PROPERTY COORDINATES**

Latitude (North):	44.91410 - 44° 54' 50.8"
Longitude (West):	93.1922 - 93° 11' 31.9"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	484828.6
UTM Y (Meters):	4973209.0
Elevation:	821 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	44093-H2 SAINT PAUL WEST, MN
Most Recent Revision:	1993

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).

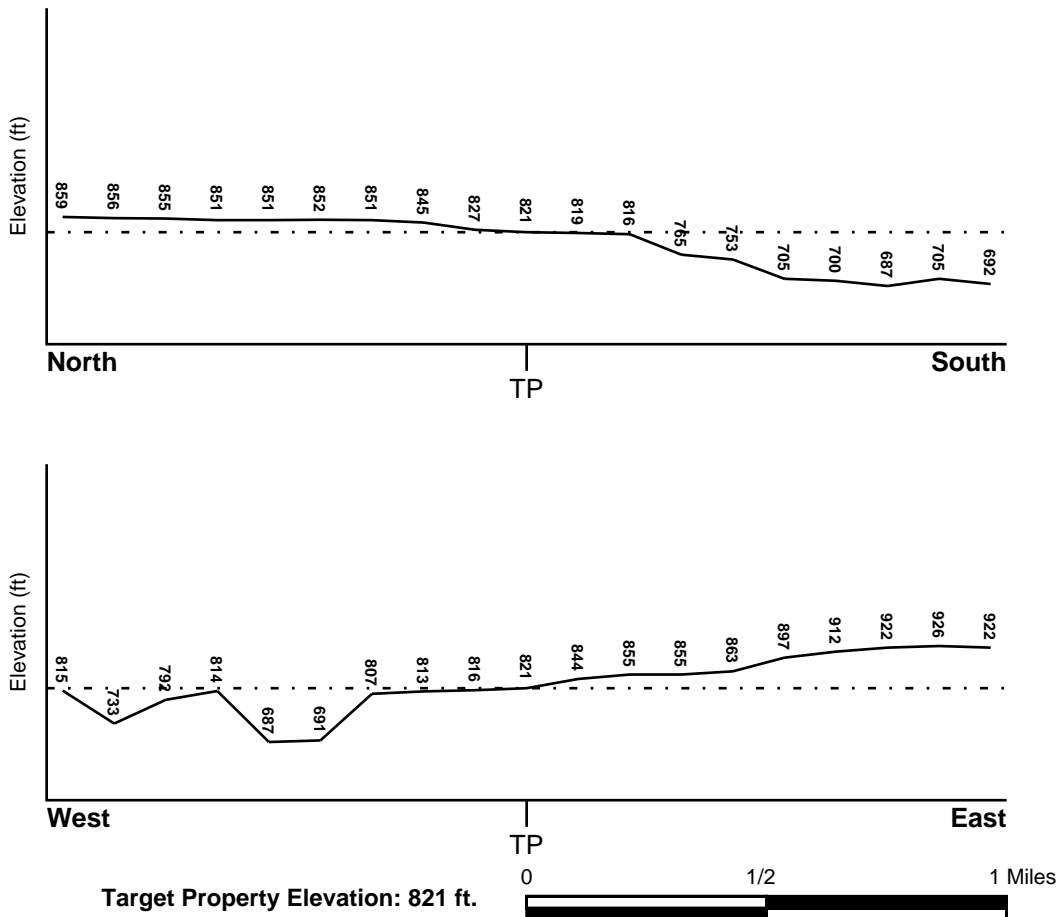
## TOPOGRAPHIC INFORMATION

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 SW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# 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> RAMSEY, MN	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
---	--

Flood Plain Panel at Target Property: 2752480015E

Additional Panels in search area: 2701720003B  
2701720004B  
00000000000

## **NATIONAL WETLAND INVENTORY**

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

## HYDROGEOLOGIC INFORMATION

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

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
5	1/4 - 1/2 Mile North	SW
B6	1/4 - 1/2 Mile ENE	Varies
C7	1/4 - 1/2 Mile NNE	W
10	1/4 - 1/2 Mile ESE	Not Reported
D12	1/4 - 1/2 Mile NE	Not Reported
13	1/4 - 1/2 Mile SE	Not Reported
E15	1/4 - 1/2 Mile NE	E

\* ©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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
E16	1/4 - 1/2 Mile NE	Not Reported
D18	1/4 - 1/2 Mile NNE	NW
E20	1/4 - 1/2 Mile ENE	SW
22	1/2 - 1 Mile NW	Not Reported
24	1/2 - 1 Mile SSW	S
25	1/2 - 1 Mile NNW	Not Reported
26	1/2 - 1 Mile NNE	Not Reported
27	1/2 - 1 Mile WSW	E
F28	1/2 - 1 Mile SW	Varies
F29	1/2 - 1 Mile SW	ENE
30	1/2 - 1 Mile West	SSW
31	1/2 - 1 Mile SSW	NW
32	1/2 - 1 Mile NNE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

## 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: sandy 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	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
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: loam  
coarse sandy loam  
silt loam  
loamy sand  
muck  
clay loam

Surficial Soil Types: loam  
coarse sandy loam  
silt loam  
loamy sand  
muck  
clay loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand  
fine sand  
very gravelly - coarse sand  
silt loam  
hemic material  
stratified

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C9	USGS2601535	1/4 - 1/2 Mile NE
21	USGS2602164	1/2 - 1 Mile SSW
23	USGS2601861	1/2 - 1 Mile WSW
33	USGS2602163	1/2 - 1 Mile ESE
G34	USGS2602242	1/2 - 1 Mile SW
35	USGS2601320	1/2 - 1 Mile NE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

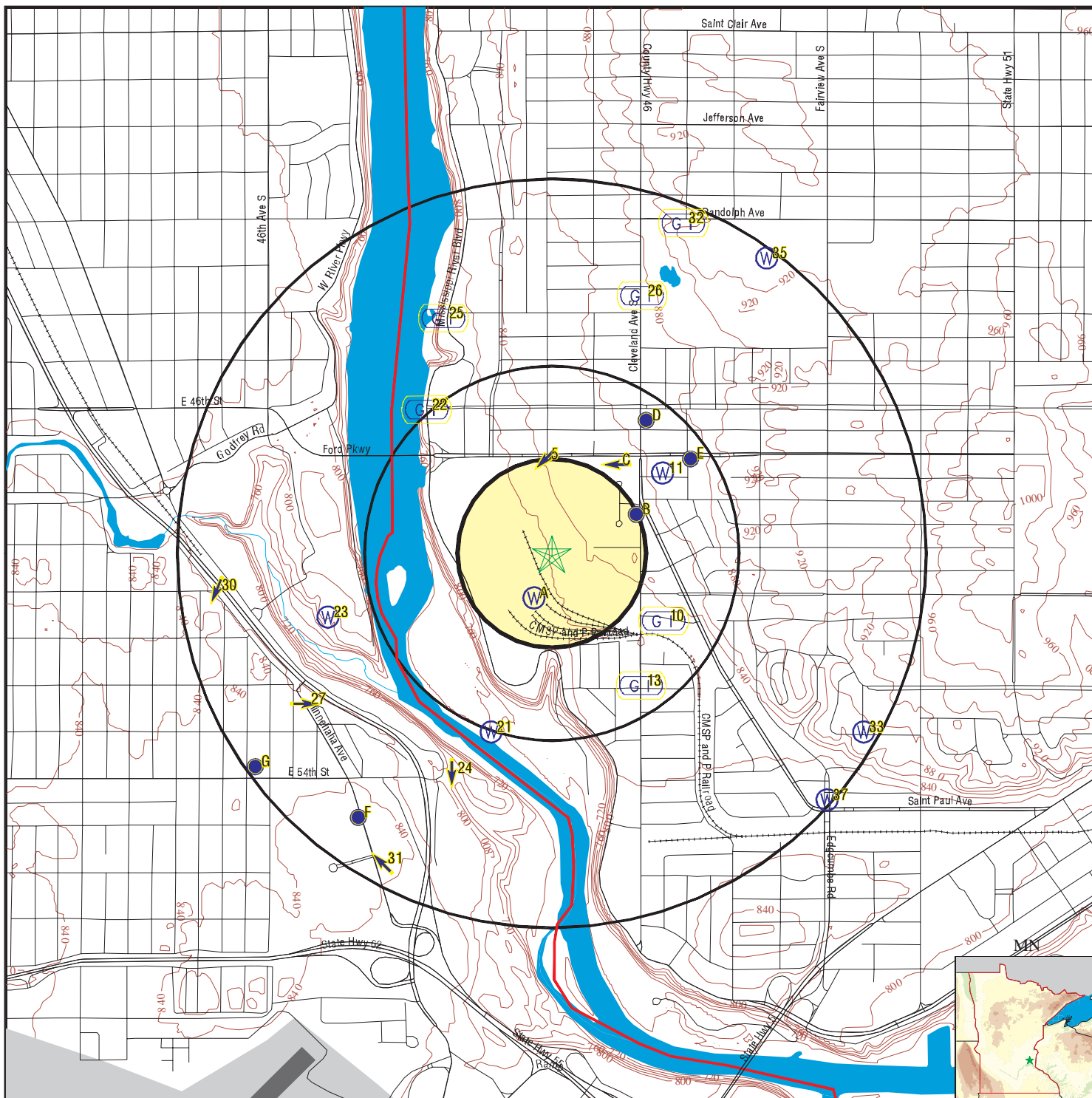
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

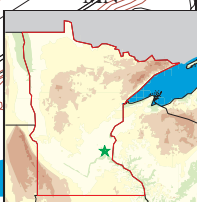
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	MN0000152747	1/8 - 1/4 Mile South
A2	MN0000152748	1/8 - 1/4 Mile SSW
A3	MN0000152749	1/8 - 1/4 Mile SSW
B4	MN0000182344	1/8 - 1/4 Mile ENE
C8	MN0000064761	1/4 - 1/2 Mile NE
11	MN0000094526	1/4 - 1/2 Mile NE
D14	MN0000229344	1/4 - 1/2 Mile NE
D17	MN0000229343	1/4 - 1/2 Mile NE
D19	MN0000229342	1/4 - 1/2 Mile NE
G36	MN0000081527	1/2 - 1 Mile SW
37	MN0000085417	1/2 - 1 Mile SE

# PHYSICAL SETTING SOURCE MAP - 1874060.2s



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

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



SITE NAME: Ford Motor Company Twin Cities Assembly Plant  
 ADDRESS: 966 South Mississippi River Blvd.  
 St. Paul MN 55116  
 LAT/LONG: 44.9141 / 93.1922

CLIENT: ARCADIS BBL  
 CONTACT: Ameer Freeman  
 INQUIRY #: 1874060.2s  
 DATE: March 09, 2007 3:24 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**South**  
**1/8 - 1/4 Mile**  
**Lower**

**MN WELLS      MN0000152747**

Relateid:	0000457645	County c:	Ramsey
Unique no:	00457645	Wellname:	FORD MOTOR CO. MW-1
Township:	28	Range:	23
Range dir:	W	Section:	17
Subsection:	DBAAAD	Mgsquad c:	St Paul West
Elevation:	815		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Other (specify in remarks)	Loc mc:	Not Reported
Loc src:	Minnesota Geological Survey	Data src:	Layne-western Co.
Depth drll:	12		
Depth comp:	12		
Date drll:	19890801		
Case diam:	2		
Case depth:	10		
Grout:	Not Reported	Pollut dst:	100
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910823	Strat upd:	19910823
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	9		
First bdrk:	ODCR	Last strat:	Decorah
Ohtopunit:	ODCR	Ohbotunit:	ODCR
Aquifer:	ODCR	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:	19910520
Updt date:	20040121	Site id:	MN0000152747
Address Information:			
Relateid:	0000457645	Name:	SE CORNER OF FORD PLANT
Addtype c:	Well address	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	ST PAUL
State:	MN	Zipcode:	Not Reported
Entry date:	Not Reported	Updt date:	Not Reported
Other:	Not Reported		
Construction 1 Information:			
Relateid:	0000457645	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:	0		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	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:	19910520
Updt date:	19910823		

**Construction 2 Information:**

Relateid:	0000457645	Constype:	C
From depth:	0		
To depth:	10		
Diameter:	2		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

**Well Information:**

Relateid:	0000457645	Meas type:	Well installation
Meas date:	19890801	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	9		
Meas elev:	806		
Data src:	Layne-western Co.	Program:	CWI
Entry date:	19910520	Updt date:	0

**Stratigraphy Information:**

Relateid:	0000457645	Depth top:	0
Depth bot:	4	Drllr desc:	SILTY CLAY
Color:	GRAY	Hardness:	Not Reported
Strat:	RMMF		
Lith prim:	Clay		
Lith sec:	Silt	Lith minor:	Not Reported

**A2  
SSW  
1/8 - 1/4 Mile  
Lower**

**MN WELLS    MN0000152748**

Relateid:	0000457646	County c:	Ramsey
Unique no:	00457646	Wellname:	FORD MOTOR CO. MW-2
Township:	28	Range:	23
Range dir:	W	Section:	17
Subsection:	DBAABA	Mgsquad c:	St Paul West
Elevation:	815		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Other (specify in remarks)	Loc mc:	Not Reported
Loc src:	Minnesota Geological Survey	Data src:	Layne-western Co.
Depth drll:	12		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth comp:	12		
Date drill:	19890802		
Case diam:	2		
Case depth:	10		
Grout:	Not Reported	Pollut dst:	100
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910823	Strat upd:	19910823
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	9		
First bdrk:	ODCR	Last strat:	Decorah
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:	19910520
Updt date:	20040121	Site id:	MN0000152748
 Address Information:			
Relateid:	0000457646	Name:	SE CORNER OF FORD PLANT
Addtype c:	Well address	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	ST PAUL
State:	MN	Zipcode:	Not Reported
Entry date:	Not Reported	Updt date:	Not Reported
Other:	Not Reported		
 Construction 1 Information:			
Relateid:	0000457646	Drill meth:	Not Reported
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:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	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		
Drpp len:	Not Reported		
Drpp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	Not Reported	Entry date:	19910520
Updt date:	19910823		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Construction 2 Information:**

Relateid:	0000457646	Constype:	C
From depth:	0		
To depth:	10		
Diameter:	2		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

**Stratigraphy Information:**

Relateid:	0000457646	Depth top:	0
Depth bot:	3	Drllr desc:	SAND, SILT
Color:	BROWN	Hardness:	Not Reported
Strat:	RMMF		
Lith prim:	Fill		
Lith sec:	Sand	Lith minor:	Silt

Relateid:	0000457646	Depth top:	3
Depth bot:	9	Drllr desc:	SILT, CLAY, SAND
Color:	BROWN	Hardness:	Not Reported
Strat:	Quaternary unknown or undiff.-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Silt	Lith minor:	Clay

Relateid:	0000457646	Depth top:	9
Depth bot:	12	Drllr desc:	CLAY
Color:	Not Reported	Hardness:	Not Reported
Strat:	ODCR		
Lith prim:	Shale		
Lith sec:	Not Reported	Lith minor:	Not Reported

**A3  
SSW  
1/8 - 1/4 Mile  
Lower**

**MN WELLS    MN0000152749**

Relateid:	0000457647	County c:	Ramsey
Unique no:	00457647	Wellname:	FORD MOTOR CO. MW-3
Township:	28	Range:	23
Range dir:	W	Section:	17
Subsection:	ACDDCC	Mgsquad c:	St Paul West
Elevation:	815		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Other (specify in remarks)	Loc mc:	Not Reported
Loc src:	Minnesota Geological Survey	Data src:	Layne-western Co.
Depth drll:	12		
Depth comp:	12		
Date drll:	19890802		
Case diam:	2		
Case depth:	10		
Grout:	Not Reported	Pollut dst:	100
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910823	Strat upd:	19910823
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	4		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

First bdrk:	ODCR	Last strat:	Decorah
Ohtopunit:	ODCR	Ohbotunit:	ODCR
Aquifer:	ODCR	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:	19910520
Updt date:	20040121	Site id:	MN0000152749
Address Information:			
Relateid:	0000457647	Name:	SE CORNER OF FORD PLANT
Addtype c:	Well address	House no:	Not Reported
Street:	FORD	Road type:	Parkway
Road dir:	Not Reported	City:	ST PAUL
State:	MN	Zipcode:	Not Reported
Entry date:	Not Reported	Updt date:	Not Reported
Other:	Not Reported		
Construction 1 Information:			
Relateid:	0000457647	Drill meth:	Not Reported
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported	Case joint:	Not Reported
Case mat:	Not Reported		
Case top:	0	Case type:	Single casing
Drive shoe:	Not Reported		
Screen:	Y		
Ohtopfeet:	Not Reported	Screen typ:	stainless steel
Ohbotfeet:	Not Reported	Ptlls mdl:	Not Reported
Screen mfg:	JOHNSON	Csg top ok:	Not Reported
Ptlls mfg:	Not Reported	Plstc prot:	Not Reported
Bsmt offst:	Not Reported	Pump inst:	Not Reported
Csg at grd:	Not Reported	Pump mfg:	Not Reported
Disinfectd:	Not Reported		
Pump date:	Not Reported		
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported	Pump cpcty:	Not Reported
Dropp mat:	Not Reported	Variance:	Not Reported
Pump type:	Not Reported	Entry date:	19910520
Drllr name:	Not Reported		
Updt date:	19910823		
Construction 2 Information:			
Relateid:	0000457647	Constype:	C
From depth:	0		
To depth:	10		
Diameter:	2		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Well Information:**

Relateid:	0000457647	Meas type:	Well installation
Meas date:	19890802	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	11		
Meas elev:	804		
Data src:	Layne-western Co.	Program:	CWI
Entry date:	19910520	Updt date:	0

**Stratigraphy Information:**

Relateid:	0000457647	Depth top:	4
Depth bot:	6	Drllr desc:	ROCK
Color:	GRAY	Hardness:	Not Reported
Strat:	ODCR		
Lith prim:	Shale		
Lith sec:	Limestone	Lith minor:	Not Reported

**B4  
ENE  
1/8 - 1/4 Mile  
Higher**

**MN WELLS    MN0000182344**

Relateid:	0000501691	County c:	Ramsey
Unique no:	00501691	Wellname:	HIGHLAND VILLAGE APT. MW
Township:	28	Range:	23
Range dir:	W	Section:	17
Subsection:	ADAADB	Mgsquad c:	St Paul West
Elevation:	855		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Other (specify in remarks)	Loc mc:	Not Reported
Loc src:	Minnesota Geological Survey	Data src:	00016
Depth drll:	18		
Depth comp:	18		
Date drll:	19890512		
Case diam:	2		
Case depth:	8		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910823	Strat upd:	19910823
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	-999		
First bdrk:	Not Reported	Last strat:	Man-made fill
Ohtopunit:	QUUU	Ohbotunit:	QUUU
Aquifer:	QWTA	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:	19910520
Updt date:	20040121	Site id:	MN0000182344

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Address Information:**

Relateid:	0000501691	Name:	HIGHLAND VILLAGE APT
Addtype c:	Both	House no:	845
Street:	CLEVELAND	Road type:	Avenue
Road dir:	South	City:	ST PAUL
State:	MN	Zipcode:	Not Reported
Entry date:	20040121	Updt date:	Not Reported
Other:	Not Reported		

**Construction 1 Information:**

Relateid:	0000501691	Drill meth:	Not Reported
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:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	DIEDRICH	Screen typ:	plastic
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 cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	Not Reported	Entry date:	19910520
Updt date:	19910823		

**Construction 2 Information:**

Relateid:	0000501691	Constype:	C
From depth:	0		
To depth:	8		
Diameter:	2		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

**Well Information:**

Relateid:	0000501691	Meas type:	Well installation
Meas date:	19890512	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	18		
Meas elev:	837		
Data src:	00016	Program:	CWI
Entry date:	19910520	Updt date:	0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Stratigraphy Information:

Relateid:	0000501691	Depth top:	0
Depth bot:	18	Drllr desc:	FILL
Color:	Not Reported	Hardness:	Not Reported
Strat:	RMMF		
Lith prim:	Fill		
Lith sec:	Not Reported	Lith minor:	Not Reported

<b>5 North 1/4 - 1/2 Mile Higher</b>	Site ID:	703		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>40006</b>
	Shallow Water Depth:	9		
	Deep Water Depth:	22.3		
	Average Water Depth:	Not Reported		
	Date:	02/1993		

<b>B6 ENE 1/4 - 1/2 Mile Higher</b>	Site ID:	682		
	Groundwater Flow:	Varies	<b>AQUIFLOW</b>	<b>23892</b>
	Shallow Water Depth:	10.4		
	Deep Water Depth:	17		
	Average Water Depth:	Not Reported		
	Date:	08/22/1989		

<b>C7 NNE 1/4 - 1/2 Mile Higher</b>	Site ID:	1117		
	Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>23795</b>
	Shallow Water Depth:	150		
	Deep Water Depth:	175		
	Average Water Depth:	13		
	Date:	01/16/1990		

<b>C8 NE 1/4 - 1/2 Mile Higher</b>			<b>MN WELLS</b>	<b>MN0000064761</b>
	Relateid:	0000200435	County c:	Ramsey
	Unique no:	00200435	Wellname:	POWERS-HIGHLAND PARK STO
	Township:	28	Range:	23
	Range dir:	W	Section:	17
	Subsection:	AADABC	Mgsquad c:	St Paul West
	Elevation:	857		
	Elev mc:	7.5 minute topographic map (+/- 5 feet)		
	Status c:	Active		
	Use c:	Commercial	Loc mc:	Not Reported
	Loc src:	Minnesota Geological Survey	Data src:	Keys Well Co.
	Depth drll:	458		
	Depth comp:	458		
	Date drll:	19590800		
	Case diam:	10		
	Case depth:	258		
	Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported	
Strat date:	19920102	Strat upd:	19920102	
Strat src:	Not Reported	Strat geol:	Not Reported	
Strat mc:	Not Reported			
Depth2bdrk:	3			

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

First bdrk:	ODCR	Last strat:	St.Lawrence
Ohtopunit:	OPDC	Ohbotunit:	CJDN
Aquifer:	OPCJ	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:	19910814
Updt date:	20040121	Site id:	MN0000064761

Address Information:

Relateid:	0000200435	Name:	POWERS HIGHLAND PARK STORE
Addtype c:	Both	House no:	Not Reported
Street:	CLEVELAND/FORD	Road type:	Parkway
Road dir:	Not Reported	City:	ST PAUL
State:	MN	Zipcode:	Not Reported
Entry date:	20040121	Updt date:	Not Reported
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000200435	Drill meth:	Not Reported
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported	Case joint:	Not Reported
Case mat:	Not Reported		
Case top:	Not Reported	Case type:	Step down
Drive shoe:	Not Reported		
Screen:	Not Reported		
Ohtopfeet:	Not Reported	Screen typ:	Not Reported
Ohbotfeet:	Not Reported	Ptlls mdl:	Not Reported
Screen mfg:	Not Reported	Csg top ok:	Not Reported
Ptlls mfg:	Not Reported	Plstc prot:	Not Reported
Bsmt offst:	Not Reported	Pump inst:	Y
Csg at grd:	Not Reported	Pump mfg:	FAIRBANKS-MORSE
Disinfectd:	Not Reported		
Pump date:	Not Reported		
Pump model:	AZB 1336		
Pump hp:	40		
Pump volts:	Not Reported		
Dropp len:	Not Reported	Pump cpcty:	350
Dropp mat:	Not Reported	Variance:	Not Reported
Pump type:	Turbine	Entry date:	19910814
Drllr name:	Not Reported		
Updt date:	20000626		

Construction 2 Information:

Relateid:	0000200435	Constype:	C
From depth:	0		
To depth:	6		
Diameter:	16		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Well Information:**

Relateid:	0000200435	Meas type:	Well installation
Meas date:	19590800	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measurement:	141		
Meas elev:	716		
Data src:	Keys Well Co.	Program:	CWI
Entry date:	19910814	Updt date:	0

Relateid:	0000200435	Meas type:	Well installation
Meas date:	19910130	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measurement:	115.3		
Meas elev:	741.7		
Data src:	MGS	Program:	CWI
Entry date:	19910814	Updt date:	0

**Pump Test Information:**

Relateid:	0000200435	Pumptestid:	1
Test date:	19590800		
Start meas:	141		
Flow rate:	500		
Duration:	Not Reported		
Pump meas:	148		

Relateid:	0000200435	Pumptestid:	2
Test date:	19590800		
Start meas:	141		
Flow rate:	200		
Duration:	Not Reported		
Pump meas:	141		

Relateid:	0000200435	Pumptestid:	3
Test date:	19590800		
Start meas:	141		
Flow rate:	400		
Duration:	Not Reported		
Pump meas:	143		

**Remarks Information:**

Relateid:	0000200435	Seq no:	1
Remarks:	CASING: 016 TO 0006;010 TO 0258.		

**Stratigraphy Information:**

Relateid:	0000200435	Depth top:	0
Depth bot:	3	Drllr desc:	CLAY
Color:	Not Reported	Hardness:	Not Reported
Strat:	Quaternary unknown or undiff.-sort undiff or unknown-unknown or u		
Lith prim:	Clay		
Lith sec:	Not Reported	Lith minor:	Not Reported

**C9  
NE  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS2601535**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	MN040	Site no:	445503093111701
Site name:	28N23W17AADABC01		
Latitude:	445503		
Longitude:	0931117	Dec lat:	44.91746556
Dec lon:	-93.18827722	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	123
Country:	US	Land net:	SEENES17 T 28N R23W
Location map:	ST.PAUL WEST	Map scale:	24000
Altitude:	857		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Twin Cities. Minnesota. Area = 1080 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19590800
Date inventoried:	19910814	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:	458	Hole depth:	458
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:	1959-08-00	Ground water data end date:	1991-11-20
Ground water data count:	11		

Ground-water levels, Number of Measurements: 11

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-11-20	124.50		1991-10-18	133.40	
1991-07-23	161.10		1991-06-19	158.40	
1991-05-20	130.80		1991-04-24	126.90	
1991-03-19	125.90		1991-02-25	132.40	
1991-01-30	115.30		1990-11-14	128.70	
1959-08	141.00				

**10  
ESE  
1/4 - 1/2 Mile  
Higher**

Site ID:	10098
Groundwater Flow:	Not Reported
Shallow Water Depth:	16
Deep Water Depth:	20
Average Water Depth:	Not Reported
Date:	10/29/1997

**AQUIFLOW 30543**

**11  
NE  
1/4 - 1/2 Mile  
Higher**

**MN WELLS MN0000094526**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000251257	County c:	Ramsey
Unique no:	00251257	Wellname:	HIGHLAND DRUG
Township:	28	Range:	23
Range dir:	W	Section:	16
Subsection:	BBCBDA	Mgsquad c:	St Paul East
Elevation:	864		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Not Reported		
Use c:	AC	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	MGS
Depth drll:	459		
Depth comp:	458		
Date drll:	Not Reported		
Case diam:	8		
Case depth:	266		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19970221	Strat upd:	19970221
Strat src:	Minnesota Geological Survey	Strat geol:	Bruce Bloomgren
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	12		
First bdrk:	ODCR	Last strat:	Jordan
Ohtopunit:	OPDC	Ohbotunit:	CJDN
Aquifer:	MTPL	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Y
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19970221
Updt date:	19970221	Site id:	MN0000094526

### Address Information:

Relateid:	0000251257	Name:	HIGHLAND DRUG
Addtype c:	Both	House no:	Not Reported
Street:	FORD	Road type:	Parkway
Road dir:	Not Reported	City:	ST PAUL
State:	MN	Zipcode:	Not Reported
Entry date:	19970221	Updt date:	19970221
Other:	Not Reported		

### Construction 1 Information:

Relateid:	0000251257	Drill meth:	Not Reported
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:	266		
Ohbotfeet:	458		
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		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drop mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	Not Reported	Entry date:	19970221
Updt date:	19970221		

Construction 2 Information:

Relateid:	0000251257	Constype:	C
From depth:	0		
To depth:	266		
Diameter:	8		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000251257	Meas type:	Well installation
Meas date:	19970221	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	121		
Meas elev:	743		
Data src:	MGS	Program:	CWI
Entry date:	19970221	Updt date:	0

Remarks Information:

Relateid:	0000251257	Seq no:	1
Remarks:	GAMMA LOGGED 2-21-1997.		

Stratigraphy Information:

Relateid:	0000251257	Depth top:	0
Depth bot:	12	Drllr desc:	BASEMENT
Color:	Not Reported	Hardness:	Not Reported
Strat:	BSMT		
Lith prim:	Basement (building)		
Lith sec:	Not Reported	Lith minor:	Not Reported

<b>D12 NE 1/4 - 1/2 Mile Higher</b>	Site ID:	2053		
	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>25488</b>
	Shallow Water Depth:	7.7		
	Deep Water Depth:	16		
	Average Water Depth:	Not Reported		
	Date:	04/23/1991		

<b>13 SE 1/4 - 1/2 Mile Higher</b>	Site ID:	3009		
	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>36372</b>
	Shallow Water Depth:	13.0		
	Deep Water Depth:	14.0		
	Average Water Depth:	Not Reported		
	Date:	03/29/1993		

<b>D14 NE 1/4 - 1/2 Mile Higher</b>			<b>MN WELLS</b>	<b>MN0000229344</b>
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000563076	County c:	Not Reported
Unique no:	00563076	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:	MN0000229344

<b>E15 NE 1/4 - 1/2 Mile Higher</b>	Site ID:	928		
	Groundwater Flow:	E	<b>AQUIFLOW</b>	<b>19424</b>
	Shallow Water Depth:	1.18		
	Deep Water Depth:	13.04		
	Average Water Depth:	Not Reported		
	Date:	2/1/1993		

<b>E16 NE 1/4 - 1/2 Mile Higher</b>	Site ID:	4809		
	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>28698</b>
	Shallow Water Depth:	3'		
	Deep Water Depth:	4'		
	Average Water Depth:	Not Reported		
	Date:	05/27/1992		

<b>D17 NE 1/4 - 1/2 Mile Higher</b>				
			<b>MN WELLS</b>	<b>MN0000229343</b>

Relateid:	0000563075	County c:	Not Reported
Unique no:	00563075	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		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth comp:	Not Reported		
Date drill:	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:	MN0000229343

<b>D18 NNE 1/4 - 1/2 Mile Higher</b>	Site ID:	8029		
	Groundwater Flow:	NW	<b>AQUIFLOW</b>	<b>19425</b>
	Shallow Water Depth:	6.44		
	Deep Water Depth:	14.21		
	Average Water Depth:	Not Reported		
	Date:	10/9/1998		

<b>D19 NE 1/4 - 1/2 Mile Higher</b>			<b>MN WELLS</b>	<b>MN0000229342</b>
	Relateid:	0000563074	County c:	Not Reported
	Unique no:	00563074	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 drill:	Not Reported			
Depth comp:	Not Reported			
Date drill:	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			

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	MN0000229342

<b>E20 ENE 1/4 - 1/2 Mile Higher</b>	Site ID:	1021		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>24279</b>
	Shallow Water Depth:	4.05		
	Deep Water Depth:	16.4		
	Average Water Depth:	Not Reported		
	Date:	1/3/1992		

<b>21 SSW 1/2 - 1 Mile Lower</b>			<b>FED USGS</b>	<b>USGS2602164</b>
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Agency cd:	MN040	Site no:	445426093114301
Site name:	28N23W17DCBDCD01		
Latitude:	445426		
Longitude:	0931143	Dec lat:	44.90718778
Dec lon:	-93.19549944	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	123
Country:	US	Land net:	NWSWSES17 T 28N R23W
Location map:	ST.PAUL WEST	Map scale:	24000
Altitude:	698		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Twin Cities. Minnesota. Area = 1080 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19910814	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:	Unconfined single aquifer		
Aquifer:	GLACIAL SURFICIAL SAND & GRAVEL		
Well depth:	21	Hole depth:	021
Source of depth data:	Not Reported		
Project number:	462714100		
Real time data flag:	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		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>22</b> <b>NW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: 7953		
	Groundwater Flow: Not Reported	<b>AQUIFLOW</b>	<b>30099</b>
	Shallow Water Depth: Not Reported		
	Deep Water Depth: Not Reported		
	Average Water Depth: 7		
	Date: 01/25/1995		

<b>23</b> <b>WSW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>		<b>FED USGS</b>	<b>USGS2601861</b>
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Agency cd:	MN040	Site no:	445442093121501
Site name:	28N23W17CBABCA01		
Latitude:	445442		
Longitude:	0931215	Dec lat:	44.91163222
Dec lon:	-93.20438861	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	053
Country:	US	Land net:	NENWSWS17 T 28N R23W
Location map:	ST.PAUL WEST	Map scale:	24000
Altitude:	790		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Twin Cities, Minnesota. Area = 1080 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19910824	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:	Mixed - confined and unconfined multiple aquifers		
Aquifer:	Not Reported		
Well depth:	958	Hole depth:	958
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:	1987-11-13	Ground water data end date:	1987-11-13
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1987-11-13	60.00	

<b>24</b> <b>SSW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: 389		
	Groundwater Flow: S	<b>AQUIFLOW</b>	<b>23606</b>
	Shallow Water Depth: 28.59		
	Deep Water Depth: 33.86		
	Average Water Depth: Not Reported		
	Date: 04/16/1997		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>25</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9264 Not Reported 6 Not Reported Not Reported 03/1997	<b>AQUIFLOW</b>	<b>25098</b>
<b>26</b> <b>NNE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8668 Not Reported 19 20 Not Reported 01/08/1996	<b>AQUIFLOW</b>	<b>39973</b>
<b>27</b> <b>WSW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8723 E 16.2 21.8 Not Reported 08/1996	<b>AQUIFLOW</b>	<b>36555</b>
<b>F28</b> <b>SW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5397 Varies 8.32 14.94 Not Reported 04/04/1994	<b>AQUIFLOW</b>	<b>28703</b>
<b>F29</b> <b>SW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4440 ENE 8.32 14.94 Not Reported 04/04/1994	<b>AQUIFLOW</b>	<b>46793</b>
<b>30</b> <b>West</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5708 SSW 13.72 25.77 Not Reported 08/04/1994	<b>AQUIFLOW</b>	<b>29980</b>
<b>31</b> <b>SSW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6668 NW 11.94 Feet 14.34 Feet Not Reported 01/17/1995	<b>AQUIFLOW</b>	<b>28696</b>

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**32**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

Site ID: 756  
Groundwater Flow: Not Reported  
Shallow Water Depth: 17  
Deep Water Depth: Not Reported  
Average Water Depth: Not Reported  
Date: 01/09/1990

**AQUIFLOW      24045**

**33**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

Agency cd:	USGS	Site no:	445426093103001
Site name:	028N23W21ABB		
Latitude:	445426		
Longitude:	931030	Dec lat:	44.90718778
Dec lon:	-93.17522083	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	123
Country:	US	Land net:	NWNWNES21 T028N R23W
Location map:	ST PAUL WEST	Map scale:	24000
Altitude:	805.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Twin Cities, Minnesota. Area = 1080 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19550502
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:	36.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
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		

**FED USGS      USGS2602163**

Ground-water levels, Number of Measurements: 0

**G34**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2602242**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	MN040	Site no:	445421093122901
Site name:	28N23W18DDDDBC01		
Latitude:	445421		
Longitude:	0931229	Dec lat:	44.90579861
Dec lon:	-93.2082775	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	053
Country:	US	Land net:	SESESES18 T 28N R23W
Location map:	ST.PAUL WEST	Map scale:	24000
Altitude:	830		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Twin Cities. Minnesota. Area = 1080 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19671121
Date inventoried:	19910824	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:	230	Hole depth:	230
Source of depth data:	Not Reported		
Project number:	462714100		
Real time data flag:	0		
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:	1967-11-21	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1967-11-21

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1967-11-21	115.00	

**35  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2601320**

Agency cd:	MN040	Site no:	445532093104901
Site name:	28N23W09CABDBD01		
Latitude:	445532		
Longitude:	0931049	Dec lat:	44.92552111
Dec lon:	-93.18049917	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	123
Country:	US	Land net:	NWNESWS09 T 28N R23W
Location map:	ST.PAUL WEST	Map scale:	24000
Altitude:	925		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Twin Cities. Minnesota. Area = 1080 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19600000
Date inventoried:	19910814	Mean greenwich time offset:	CST





## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Address Information:**

Relateid:	0000223849	Name:	DONALD NITZ
Addtype c:	Both	House no:	5337
Street:	45TH	Road type:	Avenue
Road dir:	South	City:	MINNEAPOLIS
State:	MN	Zipcode:	Not Reported
Entry date:	19910824	Updt date:	19910911
Other:	Not Reported		

**Construction 1 Information:**

Relateid:	0000223849	Drill meth:	Not Reported
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:	Single casing
Screen:	N		
Ohtopfeet:	115		
Ohbotfeet:	230		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptss mfg:	Not Reported	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:	Not Reported
Pump date:	Not Reported	Pump mfg:	Not Reported
Pump model:	Not Reported		
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	Not Reported	Entry date:	19910824
Updt date:	20000628		

**Construction 2 Information:**

Relateid:	0000223849	Constype:	C
From depth:	0		
To depth:	115		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

**Well Information:**

Relateid:	0000223849	Meas type:	Well installation
Meas date:	19671121	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	115		
Meas elev:	715		
Data src:	Dependable Well Co.	Program:	CWI
Entry date:	19910824	Updt date:	20011026

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Stratigraphy Information:**

Relateid:	0000223849	Depth top:	0
Depth bot:	63	Drllr desc:	CLAY
Color:	YELLOW	Hardness:	Not Reported
Strat:	QTUB		
Lith prim:	Clay		
Lith sec:	Not Reported	Lith minor:	Not Reported

**37  
SE  
1/2 - 1 Mile  
Lower**

**MN WELLS    MN0000085417**

Relateid:	0000233276	County c:	Ramsey
Unique no:	00233276	Wellname:	DONNELLY CONST.
Township:	28	Range:	23
Range dir:	W	Section:	21
Subsection:	ABBBCB	Mgsquad c:	St Paul West
Elevation:	809		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Other (specify in remarks)	Loc mc:	Not Reported
Loc src:	Minnesota Geological Survey	Data src:	Keys Well Co.
Depth drll:	40		
Depth comp:	40		
Date drll:	19560116		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910823	Strat upd:	19910823
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	0		
First bdrk:	OPVL	Last strat:	St.Peter
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:	19910814
Updt date:	20040121	Site id:	MN0000085417

**Address Information:**

Relateid:	0000233276	Name:	DONNELLY CONST.
Addtype c:	Both	House no:	Not Reported
Street:	MORGAN/EDGE CUMBE	Road type:	Road
Road dir:	Not Reported	City:	Not Reported
State:	MN	Zipcode:	Not Reported
Entry date:	20040121	Updt date:	Not Reported
Other:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### Remarks Information:

Relateid: 0000233276                      Seq no: 1  
Remarks: CASING: 012 TO 0047;010 TO 0151.

Relateid: 0000233276                      Seq no: 2  
Remarks: MORGAN & EDGE CUMBE RD.

### Stratigraphy Information:

Relateid:	0000233276	Depth top:	0
Depth bot:	30	Drill desc:	PLATTVILLE LIME
Color:	Not Reported	Hardness:	Not Reported
Strat:	OPVL		
Lith prim:	Limestone		
Lith sec:	Not Reported	Lith minor:	Not Reported

# 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
RAMSEY	3576	2818	758	21%

Federal EPA Radon Zone for RAMSEY 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: 55116

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	10.100 pCi/L	0%	100%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.350 pCi/L	50%	50%	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<sup>R</sup> 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

## **EDR Site Report™**

**AMOCO SS# 8529  
2185 FORD PARKWAY / CRETIN  
ST. PAUL, MN 55116**

**Inquiry Number:**

**March 25, 2007**

### **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](http://www.edrnet.com)



# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information. . . . . Page 10**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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# SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 AMOCO SS# 8529 2185 FORD PARKWAY / CRETIN ST. PAUL, MN 55116 EDR ID #S106546884
AREA	
<b>WASTE MANAGEMENT</b> Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	<b>YES - p4</b>
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
<b>WASTE DISPOSAL</b> Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
<b>MULTIMEDIA</b> Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	<b>YES - p6</b>
<b>POTENTIAL SUPERFUND LIABILITY</b> Facility has a list of potentially responsible parties PRP	NO
<b>TOTAL (YES)</b>	2

## SECTION 2: FACILITY DETAIL REPORTS

### WASTE MANAGEMENT

Facility has reported leaking underground storage tank incidents

**DATABASE: Leaking Petroleum Storage Tank Database (LUST)**

AMOCO SS# 8529  
2185 FORD PARKWAY / CRETIN  
ST. PAUL, MN 55116  
EDR ID #S106546884

#### LUST:

Site ID: 240735  
MN PCA ID: 213638  
Leak Site: Leak Site - Tank and Petroleum Contamination  
File Archive Box: 41  
File Archive Lot: 97/296  
Soil Digout Date: Not reported  
Cubic Yards Excavated: 0  
Cond Closure Date: Not reported  
Complete Site Closure Date: 03/09/1995 00:00:00  
Contaminated Soils Remaining: Yes  
Enforcement Action Begin Date: 01/01/1901 00:00:00  
Lust Trust Eligible: Yes  
Offsite Contamination: No  
Reimbursement Awarded: No  
Release Discovered Date: Not reported  
Leak Reported Date: 09/01/1988 00:00:00  
Std Letter Response Date: Not reported  
Surface Water Impact: Unknown  
Utility Project Flag: No  
TMSP Added: 12/04/1999 14:03:43  
TMSP Last Update: 05/15/2003 08:56:36  
Staff Id Last Update: DMITZUK  
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: 703  
Addr Id: 260728  
Township Name: White Bear  
Active Flag: No  
Country Code: USA  
Foreign State: Not reported  
Foreign Zone: None  
State County Code: 62  
Interest Type: LS  
Interest Phone: NO CORE PI PH.  
Interest Start Date: 07/31/1997 00:00:00  
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: 213638  
TMSP Added: 12/04/1999 14:05:10  
TMSP Last Update: 05/04/2002 09:01:49  
Staff Id Last Update: TANKS

#### LEAK GW INFO:

MN PCA ID: 213638  
Dw Supply Contam: Not reported  
Free Product Observed: Yes  
Free Product Thickness: Not reported  
Ground Water Contam: Yes  
Gw Cleanup Goal: 100  
Gw Exceeds Cleanup Goal: No  
Cleanup Goal Achieved: Not reported  
Water Supply Exceeds Ral: Not reported  
Well Type Code: Not reported  
Impacted Aquifer Code: 3  
TMSP Added: 12/04/1999 14:07:27  
TMSP Last Update: 11/04/2003 12:57:06

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

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:	213638
Prod Released Sequence Id:	327264
Leak Product Code:	Gasoline Unleaded
Tmsp Added:	12/04/1999 14:04:43
Tmsp Last_updt:	05/04/2002 09:01:49
Staff Id Last Updt:	TANKS
MN PCA ID:	213638
Prod Released Sequence Id:	401361
Leak Product Code:	Fuel Oil 1 and 2
Tmsp Added:	12/27/1999 12:59:07
Tmsp Last_updt:	05/04/2002 09:01:49
Staff Id Last Updt:	TANKS
MN PCA ID:	213638
Prod Released Sequence Id:	326898
Leak Product Code:	Gasoline Regular
Tmsp Added:	12/04/1999 14:04:42
Tmsp Last_updt:	05/04/2002 09:01:49
Staff Id Last Updt:	TANKS

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

### MULTIMEDIA

Facility is listed in a county/local unique database

**DATABASE: State/County (LOCAL)**

AMOCO SS# 8529  
2185 FORD PARKWAY / CRETIN  
ST. PAUL, MN 55116  
EDR ID #S106546884

Database:

#### MN FINANCIAL ASSURANCE:

Program Int ID: -213638  
Program Int ID2: 213638  
Township Name: Not reported  
Region: 1  
Interest Type: D2  
Facility Addr 2: Not reported  
ADDR ID: 260728  
Interest Telephone: 6516996121  
Preferred ID: 703  
Interest Start Date: 07/31/1997 00:00:00  
Interest End Date: Not reported  
Activity Flag: Not reported  
TMSP Added: 12/04/1999 10:02:36  
TMSP Last Update: 11/09/2006 14:18:51  
Staff ID Last Update: RSUCHAN  
Source: TALES  
Source ID: 0  
State Code: 62  
Country Code: USA  
FOR State: Not reported  
FOR Zone: None  
FIPS County Code: 123  
Comments: Not reported

#### MN FINANCIAL ASSURANCE CONTRACT:

Contractor SEQ ID: Not reported  
Contractor Number: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

#### MN FINANCIAL ASSURANCE FF ACTION:

FF Action ID: Not reported  
FF Action Date: Not reported  
FF Action Code: Not reported  
Federal Amount: Not reported  
State Amount: Not reported  
Superfund Amount: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

#### MN FINANCIAL ASSURANCE FF MAST:

Date In: Not reported  
Date Out: Not reported  
Financier Code: Not reported  
FF Status Code: Not reported  
Est Cleanup Amount: Not reported  
Environmental Lien Date: Not reported  
Referral to MCE Date: Not reported  
No Cost Recov Memo Date: Not reported  
Fin Info Request Date: Not reported  
Fin Info Received Date: Not reported  
Bankruptcy Date: Not reported  
Probate Date: Not reported  
Consent Decree Date: Not reported  
Consent Rec Settlement Dt: Not reported  
Cost Rec Stip Date: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Total Spent Amount: Not reported

#### MN FINANCIAL ASSURANCE LATLON:

Lat/Long ID: 571

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 3.8945  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 33.1177  
Collection Date: Not reported  
Lat/Long Description: Not reported  
TMSP Added: 8/3/2004 12:34:03 PM  
TMSP Last Update: 11/9/2006 2:18:59 PM  
Staff ID Last Update: RSUCHAN  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: AU  
Map Scale Code: Not reported  
Source: TALES  
Site ID: 0

### MN FINANCIAL ASSURANCE OTHLLS:

Other Liab Leak Prog Int: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

### MN FINANCIAL ASSURANCE STAFF:

Staff Sequence ID: Not reported  
Staff Type: Not reported  
Staff Name: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Last Name: Not reported  
First Name: Not reported  
Middle Initial: Not reported  
Functional Area Code: Not reported  
Staff ID Number: Not reported

### MN FINANCIAL ASSURANCE TABSITE:

Above or Under Code: Not reported  
Facility Code: Not reported  
Indian Reservation: Not reported  
Ust Registration Date: Not reported  
Ast Registration Date: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Max Monthly Gallons: Not reported  
Vapor Recovery Installed: Not reported  
Vapor Notif Required: Not reported

Program Int ID: 213638  
Program Int ID2: 13638  
Township Name: White Bear  
Region: 1  
Interest Type: LS  
Facility Addr 2: Not reported  
ADDR ID: 260728  
Interest Telephone: NO CORE PI PH.  
Preferred ID: 703  
Interest Start Date: 07/31/1997 00:00:00  
Interest End Date: Not reported  
Activity Flag: N  
TMSP Added: 11/09/2006 14:18:51  
TMSP Last Update: 11/09/2006 14:18:51  
Staff ID Last Update: RSUCHAN  
Source: CORE  
Source ID: 240735  
State Code: 62  
Country Code: USA  
FOR State: Not reported  
FOR Zone: None  
FIPS County Code: 123  
Comments: Not reported

### MN FINANCIAL ASSURANCE CONTRACT:

Contractor SEQ ID: Not reported  
Contractor Number: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

### MN FINANCIAL ASSURANCE FF ACTION:

FF Action ID: Not reported  
FF Action Date: Not reported  
FF Action Code: Not reported  
Federal Amount: Not reported  
State Amount: Not reported  
Superfund Amount: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

### MN FINANCIAL ASSURANCE FF MAST:

Date In: Not reported  
Date Out: Not reported  
Financier Code: Not reported  
FF Status Code: Not reported  
Est Cleanup Amount: Not reported  
Environmental Lien Date: Not reported  
Referral to MCE Date: Not reported  
No Cost Recov Memo Date: Not reported  
Fin Info Request Date: Not reported  
Fin Info Received Date: Not reported  
Bankruptcy Date: Not reported  
Probate Date: Not reported  
Consent Decree Date: Not reported  
Consent Rec Settlement Dt: Not reported  
Cost Rec Stip Date: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Total Spent Amount: Not reported

### MN FINANCIAL ASSURANCE LATLON:

Lat/Long ID: 129383  
Latitude Degrees: 44  
Latitude Minutes: 55  
Latitude Seconds: 3.9  
Longitude Degrees: -93  
Longitude Minutes: 11  
Longitude Seconds: 33.12  
Collection Date: 08/03/2004 12:3  
Lat/Long Description: Not reported  
TMSP Added: 11/9/2006 2:18:59 PM  
TMSP Last Update: 11/9/2006 10:03:43 PM  
Staff ID Last Update: COREUSER  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: AU  
Map Scale Code: Not reported  
Source: CORE  
Site ID: 240735

### MN FINANCIAL ASSURANCE OTHLLS:

Other Liab Leak Prog Int: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

### MN FINANCIAL ASSURANCE STAFF:

Staff Sequence ID: 13286  
Staff Type: 3  
Staff Name: RRS  
TMSP Added: 12/4/1999 2:04:10 PM  
TMSP Last Update: 6/19/2002 4:59:22 PM  
Staff ID Last Update: TANKS  
Last Name: Schwartz  
First Name: Ronald  
Middle Initial: R  
Functional Area Code: LPM  
Staff ID Number: 248

Staff Sequence ID: 25741  
Staff Type: 4  
Staff Name: MHB  
TMSP Added: 12/4/1999 2:04:23 PM  
TMSP Last Update: 6/19/2002 4:59:26 PM  
Staff ID Last Update: TANKS  
Last Name: Bares  
First Name: Mike  
Middle Initial: H  
Functional Area Code: HYD  
Staff ID Number: 3188

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

### MN FINANCIAL ASSURANCE TABSITE:

Above or Under Code:	Not reported
Facility Code:	Not reported
Indian Reservation:	Not reported
Ust Registration Date:	Not reported
Ast Registration Date:	Not reported
TMSP Added:	Not reported
TMSP Last Update:	Not reported
Staff ID Last Update:	Not reported
Max Monthly Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notif Required:	Not reported



## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

### WASTE MANAGEMENT

#### RCRA: Resource Conservation and Recovery Act Information

Source: EPA

Telephone: 800-424-9346

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  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2007  
Date of Next Scheduled Update: 04/16/2007

#### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/11/2007

#### RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### PADS: PCB Activity Database System

Source: EPA

Telephone: 202-566-0500

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: 10/17/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/2007  
Date of Next Scheduled Update: 05/07/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 01/11/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

### **MN AST: Aboveground Storage Tanks**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-0930  
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **MN UST: Underground Storage Tank Database**

Source: Minnesota Pollution Control Agency  
Telephone: 651-649-5451

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: 12/01/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **MN LUST: Leak Sites**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-6300

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

Date of Government Version: 12/01/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **ERNS: Emergency Response Notification System**

Source: National Response Center, United States Coast Guard  
Telephone: 202-260-2342

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

Date of Government Version: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/24/2007  
Date of Next Scheduled Update: 04/23/2007

### **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

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

Date of Government Version: 11/28/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/17/2007  
Date of Next Scheduled Update: 04/16/2007

## **WASTE DISPOSAL**

### **NPL: National Priority List**

Source: EPA  
Telephone: Not reported

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: 01/25/2007  
Date Made Active at EDR: 03/12/2007  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007  
Elapsed ASTM Days: 40  
Date of Last EDR Contact: 01/31/2007

# SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

## Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

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

Date of Government Version: 09/27/2006

Date Made Active at EDR: 11/22/2006

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/2006

Elapsed ASTM Days: 21

Date of Last EDR Contact: 02/23/2007

## DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 12/28/2006

Date Made Active at EDR: 03/12/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007

Elapsed ASTM Days: 40

Date of Last EDR Contact: 01/31/2007

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

Source: EPA

Telephone: 703-603-8960

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: 11/28/2006

Date Made Active at EDR: 01/29/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/19/2006

Elapsed ASTM Days: 41

Date of Last EDR Contact: 03/21/2007

## CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-603-8960

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: 12/20/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

## ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 01/10/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 01/22/2007

Date of Next Scheduled Update: 04/02/2007

## NPL RECOVERY: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 02/19/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MN SHWS: Site Remediation System Database**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-6300

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: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

### **MN SWF/LF: Permitted Solid Waste Disposal Facilities**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-7276

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

Date of Government Version: 12/01/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

## **MULTIMEDIA**

### **TRIS: Toxic Chemical Release Inventory System**

Source: EPA  
Telephone: 202-566-0250

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  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/20/2007  
Date of Next Scheduled Update: 06/18/2007

### **SSTS: Section 7 Tracking Systems**

Source: EPA  
Telephone: 202-564-4203

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  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/29/2007  
Date of Next Scheduled Update: 04/16/2007

### **TSCA: Toxic Substances Control Act**

Source: EPA  
Telephone: 202-260-5521

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  
Database Release Frequency: N/A

Date of Last EDR Contact: 01/15/2007  
Date of Next Scheduled Update: 04/16/2007

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667

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: 10/19/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

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

Source: EPA

Telephone: 202-566-1667

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

Date of Government Version: 10/19/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

### **FINDS: Facility Index System/Facility Registry System**

Source: EPA

Telephone: Not reported

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: 01/18/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

### **RMP: Risk Management Plans**

Source: Environmental Protection Agency

Telephone: 202-564-8600

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

Date of Government Version: 11/01/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007

Date of Next Scheduled Update: 05/21/2007

### **STORMWATER: Storm Water General Permits**

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

### **US ENG CONTROLS: Engineering Controls Sites List**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 10/18/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

### **US INST CONTROL: Sites with Institutional Controls**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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

Date of Government Version: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

Source: EPA Region 1  
Telephone: 617-918-1313  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007  
Date of Next Scheduled Update: 05/21/2007

### **RADINFO: Radiation Information Database**

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/2007  
Date of Next Scheduled Update: 04/30/2007

### **LUCIS: Land Use Control Information System**

Source: Department of the Navy  
Telephone: 843-820-7326  
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/12/2007  
Date of Next Scheduled Update: 06/11/2007

### **CDL: Clandestine Drug Labs**

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/2007  
Date of Next Scheduled Update: 03/26/2007

### **MN MN PLP: Permanent List of Priorities**

Source: Pollution Control Agency  
Telephone: 651-296-6139  
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  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **MN MN DEL PLP: Delisted Permanent List of Priorities**

Source: Pollution Control Agency  
Telephone: 651-296-6139  
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  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/04/2007

### **MN LCP: Closed Landfills Priority List**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-9543  
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: 12/01/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/20/2007  
Date of Next Scheduled Update: 06/18/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### MN LS: List of Sites

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-2731

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: 01/09/2007  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/16/2007  
Date of Next Scheduled Update: 04/16/2007

### MN LIENS: Environmental Liens

Source: Pollution Control Agency  
Telephone: 602-282-5988

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

Date of Government Version: 07/06/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

### MN BULK: Bulk Facilities Database

Source: Department of Agriculture  
Telephone: 651-297-3997

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 12/06/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### MN SPILLS: Spills Database

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-8617

Spills reported to the Pollution Control Agency.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### MN AG SPILLS: Department of Agriculture Spills

Source: Department of Agriculture  
Telephone: 651-297-3997

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

Date of Government Version: 12/07/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/04/2007

### MN INST CONTROL: Site Remediation Section Database

Source: Pollution Control Agency  
Telephone: 512-296-6300

Sites that have an Institutional Control event.

Date of Government Version: 12/31/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

### MN VIC: Voluntary Investigation and Cleanup Program

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-7291

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 12/31/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### MN DRYCLEANERS: Registered Drycleaning Facilities

Source: Pollution Control Agency

Telephone: 651-296-6300

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

Date of Government Version: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 01/22/2007

Date of Next Scheduled Update: 04/09/2007

### MN BROWNFIELDS: Petroleum Brownfields Program Sites

Source: Pollution Control Agency

Telephone: 651-296-7999

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

Database Release Frequency: Varies

Date of Last EDR Contact: 03/14/2007

Date of Next Scheduled Update: 06/11/2007

### MN CDL: Clandestine Drug Labs

Source: Department of Health

Telephone: 651-215-5800

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

Database Release Frequency: Varies

Date of Last EDR Contact: 03/23/2007

Date of Next Scheduled Update: 05/21/2007

### MN ENFORCEMENT: Generators Associated with Enforcement Logs

Source: Minnesota Pollution Control Agency

Telephone: 651-297-8332

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

Date of Government Version: 01/08/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/2007

Date of Next Scheduled Update: 04/09/2007

### MN MN HWS PERMIT: Active TSD Facilities

Source: Minnesota Pollution Control Agency

Telephone: 651-297-8470

Active TSD Facilities.

Date of Government Version: 04/01/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 01/08/2007

Date of Next Scheduled Update: 04/09/2007

### MN AIRS: Permit Contact List

Source: Pollution Control Agency

Telephone: 651-296-7351

A listing of permitted AIRS facilities.

Date of Government Version: 01/17/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 03/05/2007

Date of Next Scheduled Update: 06/04/2007

### MN TIER 2: Tier 2 Facility Listing

Source: Department of Public Safety

Telephone: 651-296-2233

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

Date of Government Version: 12/04/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/04/2007



## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### POTENTIAL SUPERFUND LIABILITY

#### PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/07/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/22/2007

Date of Next Scheduled Update: 04/02/2007



**EDR**® Environmental  
Data Resources Inc

# **EDR Site Report™**

**FORD MOTOR CO.  
STATION RD  
ST. PAUL, MN 55116**

**Inquiry Number:**

**March 25, 2007**

## **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](http://www.edrnet.com)

# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information. . . . . Page 7**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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# SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 FORD MOTOR CO. STATION RD ST. PAUL, MN 55116 EDR ID #S106461712
AREA	
<b>WASTE MANAGEMENT</b> Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
<b>WASTE DISPOSAL</b> Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
<b>MULTIMEDIA</b> Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	<b>YES - p4</b>
<b>POTENTIAL SUPERFUND LIABILITY</b> Facility has a list of potentially responsible parties PRP	NO
<b>TOTAL (YES)</b>	1

## SECTION 2: FACILITY DETAIL REPORTS

### MULTIMEDIA

Facility is listed in a county/local unique database

**DATABASE: State/County (LOCAL)**

FORD MOTOR CO.  
STATION RD  
ST. PAUL, MN 55116  
EDR ID #S106461712

Database: MN SPILLS

#### MN SPILL:

Program Id:	188770
Township Name:	Not reported
Interest Type:	SP
Addr Id:	256614
Interest Phone:	Not reported
Preferred Id:	28832
Interest Start Date:	08/24/1998 11:45:42
Interest End Date:	Not reported
Active:	Not reported
Tmsp Added:	08/24/1998 11:45:42
Tmsp Last Updt:	06/19/2002 16:58:23
Staff Id Last Updt:	TANKS
fadd2:	Not reported
State County Code:	62
Country Code:	USA
Foreign State:	Not reported
Foreign Zone:	None
Spill Closure Code:	Not reported
Sp Rep Code:	Refer To Air Quality
Report Taken By Initials:	3075
Mpca Project Manager Initials:	3075
Spill Site Closure Date:	06/30/2000 00:00:00
Sp Rep Desc:	RODGER MARTIN, FORD MOTOR CO.
Spill Date:	08/22/1998 00:00:00
Spill Reported Date:	08/22/1998 00:00:00
Init Cause Code:	Equipment Failure
Init Cause Desc:	EQUIPMENT FAILURE
Initial Source Code:	6
Priority Code:	1
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
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
Public Safety Spill ID:	Not reported
Site ID:	0
Comments:	HYDRAULIC LINE BROKE. OCCURRED DURING HEAVY RAIN. SOME WENT TO STORM SEWER. 25 FT TO MISSISSPI RIVER. RECOVERED 5 GAL.

#### MN SPILL ACTION:

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Spill Action Code: 3  
Spill Action Person: Not reported  
Spill Action Date: Not reported  
Tmsp Added: 08/24/1998 11:45:42  
Tmsp Last Updt: 05/04/2002 07:37:28  
Staff Id Last Updt: TANKS

### MN SPILL AFFECTED DESCRIPTION:

Spill Inc. Affect Code: Street, Parking Lot  
Tmsp Added: 08/24/1998 11:45:42  
Tmsp Last Updt: 05/04/2002 07:37:29  
Staff Id Last Updt: TANKS  
Spill Inc. Affect Code: Sewer  
Tmsp Added: 08/24/1998 11:45:42  
Tmsp Last Updt: 05/04/2002 07:37:29  
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: 188770  
Spill Incident Accuracy Id: 82458  
Spill Product Code: Hydraulic Fluid  
Spill Qty Units Code: Gallons  
Spill Incident Accuracy Code: Known  
Spill Released Qty: 15  
Tmsp Added: 08/24/1998 11:45:42  
Tmsp Last Updt: 05/04/2002 07:37:29  
Staff Id Last Updt: TANKS

Database:

### MN FINANCIAL ASSURANCE:

Program Int ID: 188770  
Program Int ID2: 88770  
Township Name: Not reported  
Region: 1  
Interest Type: SP  
Facility Addr 2: Not reported  
ADDR ID: 256614  
Interest Telephone: Not reported  
Preferred ID: 28832  
Interest Start Date: 08/24/1998 11:45:42  
Interest End Date: Not reported  
Activity Flag: Not reported  
TMSP Added: 08/24/1998 11:45:42  
TMSP Last Update: 05/04/2002 07:37:29  
Staff ID Last Update: TANKS  
Source: TALES  
Source ID: 0  
State Code: 62  
Country Code: USA  
FOR State: Not reported  
FOR Zone: None  
FIPS County Code: Not reported  
Comments: HYDRAULIC LINE BROKE. OCCURRED DURING HEAVY RAIN. SOME WENT TO  
STORM SEWER. 25 FT TO MISSISS

### MN FINANCIAL ASSURANCE CONTRACT:

Contractor SEQ ID: Not reported  
Contractor Number: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

### MN FINANCIAL ASSURANCE FF ACTION:

FF Action ID: Not reported  
FF Action Date: Not reported  
FF Action Code: Not reported  
Federal Amount: Not reported  
State Amount: Not reported  
Superfund Amount: Not reported

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

### MN FINANCIAL ASSURANCE FF MAST:

Date In: Not reported  
Date Out: Not reported  
Financier Code: Not reported  
FF Status Code: Not reported  
Est Cleanup Amount: Not reported  
Environmental Lien Date: Not reported  
Referral to MCE Date: Not reported  
No Cost Recov Memo Date: Not reported  
Fin Info Request Date: Not reported  
Fin Info Received Date: Not reported  
Bankruptcy Date: Not reported  
Probate Date: Not reported  
Consent Decree Date: Not reported  
Consent Rec Settlement Dt: Not reported  
Cost Rec Stip Date: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Total Spent Amount: Not reported

### MN FINANCIAL ASSURANCE LATLON:

Lat/Long ID: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Collection Date: Not reported  
Lat/Long Description: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Coord Source Type: Not reported  
Org Name Source: Not reported  
Coord Coll Meth: Not reported  
Map Scale Code: Not reported  
Source: Not reported  
Site ID: Not reported

### MN FINANCIAL ASSURANCE OTHLLS:

Other Liab Leak Prog Int: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported

### MN FINANCIAL ASSURANCE STAFF:

Staff Sequence ID: Not reported  
Staff Type: Not reported  
Staff Name: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Last Name: Not reported  
First Name: Not reported  
Middle Initial: Not reported  
Functional Area Code: Not reported  
Staff ID Number: Not reported

### MN FINANCIAL ASSURANCE TABSITE:

Above or Under Code: Not reported  
Facility Code: Not reported  
Indian Reservation: Not reported  
Ust Registration Date: Not reported  
Ast Registration Date: Not reported  
TMSP Added: Not reported  
TMSP Last Update: Not reported  
Staff ID Last Update: Not reported  
Max Monthly Gallons: Not reported  
Vapor Recovery Installed: Not reported  
Vapor Notif Required: Not reported

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

### WASTE MANAGEMENT

#### RCRA: Resource Conservation and Recovery Act Information

Source: EPA

Telephone: 800-424-9346

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  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2007  
Date of Next Scheduled Update: 04/16/2007

#### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/11/2007

#### RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### PADS: PCB Activity Database System

Source: EPA

Telephone: 202-566-0500

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: 10/17/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/2007  
Date of Next Scheduled Update: 05/07/2007



## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 01/11/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

### **MN AST: Aboveground Storage Tanks**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-0930  
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **MN UST: Underground Storage Tank Database**

Source: Minnesota Pollution Control Agency  
Telephone: 651-649-5451

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: 12/01/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **MN LUST: Leak Sites**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-6300

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

Date of Government Version: 12/01/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **ERNS: Emergency Response Notification System**

Source: National Response Center, United States Coast Guard  
Telephone: 202-260-2342

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

Date of Government Version: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/24/2007  
Date of Next Scheduled Update: 04/23/2007

### **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

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

Date of Government Version: 11/28/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/17/2007  
Date of Next Scheduled Update: 04/16/2007

## **WASTE DISPOSAL**

### **NPL: National Priority List**

Source: EPA  
Telephone: Not reported

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: 01/25/2007  
Date Made Active at EDR: 03/12/2007  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007  
Elapsed ASTM Days: 40  
Date of Last EDR Contact: 01/31/2007

# SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

## Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

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

Date of Government Version: 09/27/2006

Date Made Active at EDR: 11/22/2006

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/2006

Elapsed ASTM Days: 21

Date of Last EDR Contact: 02/23/2007

## DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 12/28/2006

Date Made Active at EDR: 03/12/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007

Elapsed ASTM Days: 40

Date of Last EDR Contact: 01/31/2007

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

Source: EPA

Telephone: 703-603-8960

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: 11/28/2006

Date Made Active at EDR: 01/29/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/19/2006

Elapsed ASTM Days: 41

Date of Last EDR Contact: 03/21/2007

## CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-603-8960

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: 12/20/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

## ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 01/10/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 01/22/2007

Date of Next Scheduled Update: 04/02/2007

## NPL RECOVERY: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 02/19/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MN SHWS: Site Remediation System Database**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-6300

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: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

### **MN SWF/LF: Permitted Solid Waste Disposal Facilities**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-7276

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

Date of Government Version: 12/01/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

## **MULTIMEDIA**

### **TRIS: Toxic Chemical Release Inventory System**

Source: EPA  
Telephone: 202-566-0250

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  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/20/2007  
Date of Next Scheduled Update: 06/18/2007

### **SSTS: Section 7 Tracking Systems**

Source: EPA  
Telephone: 202-564-4203

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  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/29/2007  
Date of Next Scheduled Update: 04/16/2007

### **TSCA: Toxic Substances Control Act**

Source: EPA  
Telephone: 202-260-5521

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  
Database Release Frequency: N/A

Date of Last EDR Contact: 01/15/2007  
Date of Next Scheduled Update: 04/16/2007

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667

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: 10/19/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

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

Source: EPA

Telephone: 202-566-1667

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

Date of Government Version: 10/19/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

### **FINDS: Facility Index System/Facility Registry System**

Source: EPA

Telephone: Not reported

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: 01/18/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

### **RMP: Risk Management Plans**

Source: Environmental Protection Agency

Telephone: 202-564-8600

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

Date of Government Version: 11/01/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007

Date of Next Scheduled Update: 05/21/2007

### **STORMWATER: Storm Water General Permits**

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

### **US ENG CONTROLS: Engineering Controls Sites List**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 10/18/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

### **US INST CONTROL: Sites with Institutional Controls**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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

Date of Government Version: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2007

Date of Next Scheduled Update: 04/02/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 1  
Telephone: 617-918-1313  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007  
Date of Next Scheduled Update: 05/21/2007

### RADINFO: Radiation Information Database

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/2007  
Date of Next Scheduled Update: 04/30/2007

### LUCIS: Land Use Control Information System

Source: Department of the Navy  
Telephone: 843-820-7326  
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/12/2007  
Date of Next Scheduled Update: 06/11/2007

### CDL: Clandestine Drug Labs

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/2007  
Date of Next Scheduled Update: 03/26/2007

### MN MN PLP: Permanent List of Priorities

Source: Pollution Control Agency  
Telephone: 651-296-6139  
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  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### MN MN DEL PLP: Delisted Permanent List of Priorities

Source: Pollution Control Agency  
Telephone: 651-296-6139  
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  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/04/2007

### MN LCP: Closed Landfills Priority List

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-9543  
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: 12/01/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/20/2007  
Date of Next Scheduled Update: 06/18/2007

# SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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## MN LS: List of Sites

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-2731

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: 01/09/2007  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/16/2007  
Date of Next Scheduled Update: 04/16/2007

## MN LIENS: Environmental Liens

Source: Pollution Control Agency  
Telephone: 602-282-5988

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

Date of Government Version: 07/06/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

## MN BULK: Bulk Facilities Database

Source: Department of Agriculture  
Telephone: 651-297-3997

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 12/06/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

## MN SPILLS: Spills Database

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-8617

Spills reported to the Pollution Control Agency.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

## MN AG SPILLS: Department of Agriculture Spills

Source: Department of Agriculture  
Telephone: 651-297-3997

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

Date of Government Version: 12/07/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/04/2007

## MN INST CONTROL: Site Remediation Section Database

Source: Pollution Control Agency  
Telephone: 512-296-6300

Sites that have an Institutional Control event.

Date of Government Version: 12/31/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

## MN VIC: Voluntary Investigation and Cleanup Program

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-7291

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 12/31/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007  
Date of Next Scheduled Update: 04/02/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MN DRYCLEANERS: Registered Drycleaning Facilities**

Source: Pollution Control Agency

Telephone: 651-296-6300

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

Date of Government Version: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 01/22/2007

Date of Next Scheduled Update: 04/09/2007

### **MN BROWNFIELDS: Petroleum Brownfields Program Sites**

Source: Pollution Control Agency

Telephone: 651-296-7999

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

Database Release Frequency: Varies

Date of Last EDR Contact: 03/14/2007

Date of Next Scheduled Update: 06/11/2007

### **MN CDL: Clandestine Drug Labs**

Source: Department of Health

Telephone: 651-215-5800

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

Database Release Frequency: Varies

Date of Last EDR Contact: 03/23/2007

Date of Next Scheduled Update: 05/21/2007

### **MN ENFORCEMENT: Generators Associated with Enforcement Logs**

Source: Minnesota Pollution Control Agency

Telephone: 651-297-8332

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

Date of Government Version: 01/08/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/2007

Date of Next Scheduled Update: 04/09/2007

### **MN MN HWS PERMIT: Active TSD Facilities**

Source: Minnesota Pollution Control Agency

Telephone: 651-297-8470

Active TSD Facilities.

Date of Government Version: 04/01/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 01/08/2007

Date of Next Scheduled Update: 04/09/2007

### **MN AIRS: Permit Contact List**

Source: Pollution Control Agency

Telephone: 651-296-7351

A listing of permitted AIRS facilities.

Date of Government Version: 01/17/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 03/05/2007

Date of Next Scheduled Update: 06/04/2007

### **MN TIER 2: Tier 2 Facility Listing**

Source: Department of Public Safety

Telephone: 651-296-2233

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

Date of Government Version: 12/04/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/04/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### POTENTIAL SUPERFUND LIABILITY

#### PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/07/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/22/2007

Date of Next Scheduled Update: 04/02/2007