

Phase I Environmental Site Assessment

Former Hafner's Bowl
1560, 1570, and 1590 White Bear Avenue
St. Paul, Minnesota

Prepared For

City of St. Paul

August 9, 2021

Project B2105938

Mr. Jonathan Reisetter
City of St. Paul
15 Kellogg Boulevard West, 700 City Hall
St. Paul, MN 55102

Re: Phase I Environmental Site Assessment
Former Hafner's Bowl
1560, 1570, 1590 White Bear Avenue
St. Paul, Minnesota

Dear Mr. Reisetter:

In accordance with your written authorization, Braun Intertec Corporation conducted a Phase I Environmental Site Assessment (ESA) of the above-referenced site (Site). The objective of the Phase I ESA was to evaluate the Site for indications of recognized environmental conditions and to assist in satisfying All Appropriate Inquiries (AAI) standards and practices. The Phase I ESA was conducted in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E1527-13 and 40 Code of Federal Regulations (CFR) Part 312.

The Phase I ESA was prepared on behalf of, and for use by City of St. Paul. No other party has a right to rely on the contents of the Phase I ESA without written authorization by Braun Intertec. The Phase I ESA was prepared in association with the redevelopment of the Site. Please refer to the attached report for the scope, methods and conclusions of our assessment.

We appreciate the opportunity to provide our professional services for you for this project. If you have any questions regarding this letter or the attached report, please contact Matt Erickson at 952.995.2618 or Mark Keefer at 952.995.2493.

Sincerely,

BRAUN INTERTEC CORPORATION



Matthew P. Erickson
Senior Scientist



Mark D. Keefer, PG
Group Manager, Senior Scientist

Attachment:
Phase I Environmental Site Assessment Report
AA/EOE

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Executive Summary

Braun Intertec Corporation conducted a Phase I Environmental Site Assessment (ESA) of the Former Hafner's Bowl property located at 1560, 1570, and 1590 White Bear Avenue in St. Paul, Minnesota (Site) in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E1527-13 and 40 Code of Federal Regulations (CFR) Part 312.

At the time of this assessment, the Site consisted of an approximately 2.1 acre vacant parcel. The Site was covered with gravel and weathered bituminous pavements. Grasses and secondary weeds covered the gravel areas and cracks in the pavements. The Site terrain was relatively flat with a slight slope down to the west-southwest. Food concession trailers and mobile catering kitchen trucks were parked on the streets bordering the Site. At the time of the reconnaissance, the Site appeared to be used as a public gathering space for the customers of the concession stands.

The Site was bordered on the north by Iowa Avenue East followed by a Dollar Tree store with commercial/retail properties located beyond; on the east by Gary Place followed by single-family residential dwellings with residential properties located beyond; on the south by Hoyt Avenue East followed by a Dollar General store with residential dwellings with commercial/retail properties located beyond; and on the west by White Bear Avenue North followed by a locksmith shop, an automobile repair shop, a pizza restaurant, and a dentist's office with residential properties located beyond. The Site was located in a neighborhood commercial area within the city of St. Paul.

Aerial photographs indicate no developed use of the Site prior to the 1940s. On a 1940 photographs some grading was evident and a path crossed the Site from the west and terminated at the east side of the Site suggesting some possible filling activities. No other apparent developed use of the Site was evident until the early 1950s when a filling station was constructed in the southwest corner of the Site at 1570 White Bear Avenue North. The filling station reportedly operated until the early 1980s when it was demolished. A petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). A subsequent remedial investigation identified gasoline contaminated soils and groundwater in the southwest quarter of the Site. Two other commercial buildings occupied the Site from the 1950s until those buildings were demolished in the 2000s. The buildings included a bowling alley at 1560 White Bear Avenue North, on the south side of the Site, and an office building with a jeweler's shop at 1590 White Bear Avenue North, on the north side of the Site. The Site was vacant of any buildings from approximately 2004 to the time of this assessment.

Our research has revealed that the adjoining properties to the east were undeveloped until construction of the existing residential neighborhood in the 1950s. The adjoining properties to the north, south, and

west were undeveloped or residential until the construction of commercial retail use buildings in those locations in the 1940s and 1950s. No businesses of likely environmental concern were identified on the adjoining properties with the exception of a former Amoco station (from the 1950s until 1980s) at 1581 White Bear Avenue North (location of petroleum tank release LS0000388); a former Sinclair station (1950s and 1960s) and a One Hour Martinizing dry cleaners (1970s to 1990s) at 1557 White Bear Avenue North; and filling stations (1950s to 1990s) at 1601 White Bear Avenue North (location of petroleum tank release LS0015841).

This assessment identified no controlled or historical recognized environmental conditions in connection with the Site. This assessment identified no recognized environmental conditions in connection with the Site, with the exception of the following:

- Aerial photographs indicate grading and possible filling on the Site in the 1940s. The potential to encounter contamination in the fill on the Site during redevelopment represents a recognized environmental condition.
- A gasoline filling station occupied the southwest portion of the Site at 1570 White Bear Avenue North from the 1950s to until the early 1980s when it was demolished. A petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). A subsequent remedial investigation identified gasoline contaminated soils and groundwater in the southwest quarter of the Site. The use of the Site as a gasoline filling station and the identified gasoline contamination represents a recognized environmental condition.
- Commercial uses of potential environmental concern were identified on adjoining properties to the west that included three former filling stations, a former dry cleaners, and a current automobile mechanic's shop. Identified petroleum releases are reported for two of the former adjoining filling stations (LS0000388 and LS0015841). The identified petroleum releases and the potential for unknown releases of petroleum or hazardous substances from the uses of the adjoining properties represents a recognized environmental condition.

A. Introduction

A.1. Purpose

Braun Intertec Corporation received authorization from the City of St. Paul (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the Former Hafner's Bowl property located at 1560, 1570, and 1590 White Bear Avenue in St. Paul, Minnesota (Site). The objective of the Phase I ESA was to evaluate the Site for indications of recognized environmental conditions and to assist in satisfying All Appropriate Inquiries (AAI) standards and practices. The Phase I ESA was conducted in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E1527-13 and 40 Code of Federal Regulations (CFR) Part 312. No intentional deviations from the ASTM Practice E1527-13 were made in conducting this Phase I ESA for the Site. The Phase I ESA was prepared on behalf of, and for the use by City of St. Paul (User) in accordance with the contract between City of St. Paul and Braun Intertec, including the Braun Intertec General Conditions. No other party has a right to rely on the contents of the Phase I ESA without written authorization by Braun Intertec. All authorized parties are entitled to rely on the attached report according to our contract with Client, and under the same terms, conditions and circumstances. Please note that our contract with Client may contain a limitation of our total liability. If so, such limitation also applies to all those receiving this permission.

According to the User, the Phase I ESA was conducted in association with the proposed redevelopment of the Site.

The purpose of this Phase I ESA was to evaluate the Site for indications of “recognized environmental conditions.” A recognized environmental condition is defined by ASTM Practice E1527-13 as: “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

In addition, a “controlled recognized environmental condition” is also a recognized environmental condition. A controlled recognized environmental condition is defined by ASTM Practice E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.”

A.2. Scope of Services

Services provided for this project included:

- Preparing a description of the Site location, current use and improvements, and surrounding area.
- Preparing a general description of the topography, soils, geology, and groundwater flow direction at the Site.
- Reviewing reasonably ascertainable and practically reviewable regulatory information published by state and federal agencies, health, and/or environmental agencies.
- Reviewing the history of the Site, including aerial photographs, fire insurance maps, directories, and other readily available Site development data.
- Conducting a reconnaissance and environmental review of the Site, including observations of the Site for indications of hazardous materials, petroleum products, polychlorinated biphenyls (PCBs), wells, storage tanks, solid waste disposal, pits and sumps, and utilities.
- Conducting an area reconnaissance, including a brief review of adjoining property uses and pertinent environmental information noted in the Site vicinity.
- Interviewing current owners and/or occupants of the Site and accessible past Site owners, operators and/or occupants, as available.
- Interviewing local government officials or agencies having jurisdiction over hazardous waste disposal or other environmental matters in the area of the Site, as available.
- Reviewing previous environmental reports prepared for the Site, if provided.
- Preparing a written report of our methods, results, and conclusions.

The Standard Scope of the ASTM Practice E1527-13 is not intended to provide a universal analysis of potential environmental risks and hazards. This assessment included no analysis of non-standard scope environmental risks and hazards unless otherwise listed above. Analysis of other non-standard scope issues by Braun Intertec would require additional contractual arrangements.

This assessment does not include vapor encroachment screening as defined in ASTM Practice E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. ASTM Practice E2600-15 is not a requirement or component of “all appropriate inquiry,” but a tool for evaluating vapor migration. Its results are not determinative of whether hazardous substances from a release are or may be present at the property for the sake of “all appropriate inquiry” or ASTM Practice E1527-13. An ASTM Practice E2600-15 vapor encroachment screen is not within the scope of this Phase I ESA and will not be conducted unless specifically requested by the User. However, vapors present or likely present from hazardous substances or petroleum products are considered no differently than hazardous substances or petroleum products present or likely present as a result of a release to the environment. Therefore, while a vapor encroachment screening per the ASTM Practice E2600-15 standard is not part of this assessment, the potential for impacts to the property from vapor migration that is a result of a release of hazardous substances and/or petroleum products to the environment will be considered when assessing for the presence of a recognized environmental condition as defined by ASTM E1527-13.

A.3. User-Provided Information

The purpose of this section is to describe tasks to be performed by the “User.” The “User” as defined by ASTM Practice E1527-13, is “the party seeking to use ASTM Practice E1527-13 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.”

As stated in 40 CFR 312 (the rule), the Brownfields Amendments provide important liability protections for Users who qualify as contiguous property owners, bona fide prospective purchasers, or innocent landowners. To meet the statutory requirements for any of these Landowner Liability Protections (LLPs), a User must meet certain threshold requirements and satisfy certain continuing obligations. To qualify as one of the three LLPs, the User must perform “all appropriate inquiries” (AAI) on or before the date on which the User acquired the Site. The rule defines AAI, which includes inquiries and activities performed by the User and an environmental professional (EP).

The rule allows (but does not mandate) the User performing AAI to conduct inquiries or activities that may include searches for environmental liens, assessments of any specialized knowledge on the part of the User, an assessment of commonly known or reasonably ascertainable information about the Site, and an assessment of the relationship of the purchase price to fair market value. However, if the User performing AAI conducts one or more of these inquiries and/or activities, the rule allows (but does not mandate) that the User may communicate information gathered from these inquiries and/or activities to their EP to identify a possible recognized environmental condition.

Braun Intertec provided a User Questionnaire to the Client as a means to communicate information gathered from these inquiries and/or activities to the EP. The User may elect whether to communicate this information to the EP and/or to communicate this information to the EP by other means (e.g., through conversation or submission of documents). As indicated in our contract, if multiple Users are requesting reliance on the Phase I ESA, the Client was responsible for forwarding a copy of the questionnaire to all appropriate entities (collectively the User).

User-supplied information is discussed in applicable sections of this report. Sections A.3.a through A.3.f present any information communicated to us by the User that the EP has determined to indicate the possible presence or likely presence of a recognized environmental condition.

A.3.a. Environmental Liens

An environmental lien is a charge, security, or encumbrance, upon title to the Site to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of environmental issues at the Site.

No information was provided to us from the User that identified a record or awareness of environmental liens recorded against the Site.

A.3.b. Activity and Use Limitations

Activity and Use Limitations (AULs) are legal or physical restrictions or limitations on the use of, or access to, a Site to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the Site or to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. AULs, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, groundwater, and/or surface water on the Site.

No information was provided to us from the User that identified a record or awareness of AULs recorded against the Site.

A.3.c. Specialized Environmental Knowledge

Specialized environmental knowledge includes any information and/or experience related to the Site or adjoining properties including, but not limited to, any obvious indicators that point to the presence or likely presence of environmental issues at the Site.

The User provided information discussed in Section B.7 that may be considered specialized environmental knowledge of the Site.

A.3.d. Valuation Reduction for Environmental Issues

Valuation reduction for environmental issues includes the relationship of the purchase price to the fair market value of the property.

No information was provided to us by the User indicating any reduction in purchase price or fair market value of the Site due to environmental issues.

A.3.e. Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonably ascertainable information includes information about the Site that generally is known to the public within the community where the Site is located and can be easily sought and found from individuals familiar with the Site or from easily attainable public sources of information.

The User provided information discussed in Section B.7 that may be considered commonly known or reasonably ascertainable regarding the environmental condition of the Site.

A.3.f. Degree of Obviousness

The User must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the Site and the ability to detect releases or threatened releases by appropriate investigation.

The User provided information discussed in Section B.7 that may be considered an obvious indication of the presence or likely presence of releases or threatened releases at the Site.

B. Records Review

The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the Site. We consulted only those regulatory and historical sources that were readily available, practically reviewable, and likely to be useful to develop a history of previous uses of the Site and surrounding area within the time and cost constraints of this Phase I ESA.

B.1. Site Location

We accessed various documents and online sources to obtain Site location information. The following is a summary our findings:

Addresses:	1560, 1570, 1590 White Bear Avenue
City:	St. Paul
County:	Ramsey
State:	Minnesota
Property Identification Numbers:	232922220050, 232922220051, 232922220052
Owner:	St. Paul Housing and Redevelopment Authority
Approximate Center Latitude:	44.98876 North
Approximate Center Longitude:	93.02449 West
Section, Township, Range:	NW 1/4 of the NW 1/4 of Sec 23, T 29 N, R 22 W S.T.R.
Size:	Approximately 2.1 acres

A Site location map and Site sketch are attached in Appendices A and B, respectively. Information obtained from the Ramsey County Property Information web page is attached in Appendix C.

B.2. Physical Setting Information

B.2.a. Topography

According to the United States Geological Survey (U.S.G.S) 7.5-minute topographic map series, St. Paul East, Minnesota quadrangle, the Site is located at an elevation range of approximately 935 feet above mean sea level and slopes down to the southwest.

B.2.b. Geology

The unconsolidated sediment in the Site vicinity are Pleistocene age Superior Lobe till deposits that consist of sandy loam and in some places, clay loam to silty clay. The till deposit, is generally reddish brown in color and is locally compact (Patterson, 1992). This is consistent with previous investigations discussed in Section B.7 that indicate clay to sandy loam sediments beneath fill on the Site.

The uppermost bedrock units in the Site vicinity are the Middle Ordovician, Decorah Shale Formation, Platteville Formation, and Glenwood Formation (Mossler and Bloomgren, 1992). The Decorah Shale is described as a green, calcareous shale with thin limestone interbeds. The Platteville Formation is described as fine-grained dolostone and limestone underlain by thin, green, sandy shale (3-5.5 feet thick) of the Glenwood Formation. The depth to bedrock in the Site vicinity is approximately 100 feet below land surface (Mossler and Cleland, 1992).

B.2.c. Hydrogeology

The reported groundwater elevation in the Site vicinity is approximately 925 feet above mean sea level (Kanivetsky and Cleland, 1992). According to published geologic information, the groundwater flow direction within the unconsolidated deposits in the vicinity of the Site is generally southwesterly toward Lake Phalen and the Mississippi River beyond (Kanivetsky and Cleland, 1992). Perched groundwater may occur at shallower depths above clay layers. Previous investigations discussed in Section B.7 indicates that perched groundwater is present on the Site to very shallow depths and that the gradient of the perched groundwater varies.

The Site-specific groundwater depth and flow direction was not determined through direct measurement during this Phase I ESA. Additional field investigation, beyond the Scope of Services of this Phase I ESA, would be required to determine this information.

B.3. Regulatory Report

We obtained regulatory database information pertaining to the Site and surrounding area from Environmental Risk Information Services, Ltd. (ERIS). The ERIS report is a compilation of records of facilities that are included on current federal and state environmental regulatory databases. The databases were searched based on the specified minimum search distances from the Site as established by ASTM Practice E1527-13.

The ERIS report also includes a description, source reference, date of acquisition, and the specified approximate minimum search distance criteria for each database and list. A copy of the ERIS report is attached in Appendix D.

We reviewed the ERIS report to identify records that indicate known or potential recognized environmental conditions on the Site and/or surrounding area and to evaluate the likelihood for those recognized environmental conditions to impact the Site based on the information obtained in this Phase I ESA.

B.3.a. Site

The Site is listed in the ERIS report as follows:

- Haffner's Restaurant, 1560 White Bear Avenue North. The Site is listed on the MPCA database of leaking petroleum tanks. The ERIS report indicates that a leaking gasoline tank was reported April 20, 1990. The release was assigned file number LS0002453. Details regarding the investigation of this release are discussed in Section B.7. The information

indicates that the MPCA subsequently assigned a closed status to LS0002453 on January 17, 1995. A closed status does not necessarily mean that no contamination remains and based on the available information, contamination remains. A closed status indicates that the MPCA determined that the remaining contamination did not present a significant threat to human health and/or the environment at that time. The closed status determination is based on information provided to the MPCA and the regulatory requirements at that time.

- Hillcrest Entertainment Center, 1560 White Bear Avenue North. The ERIS report indicates that the former Site occupant (apparently related to the former Haefner's Bowling Alley) is listed on the Resource Conservation and Recovery Act (RCRA) No Longer Generating Hazardous Waste (RCRA-Non Gen) database; the Minnesota Pollution Control Agency (MPCA) Agency Interest (AI) database; and the U.S. Environmental Protection Agency (EPA) Facility Registry Service (FRS) databases. Identification of the Site on the RCRA databases indicates that the Site occupants were required to register their hazardous waste activity under RCRA and does not imply that a release has occurred in connection with those businesses at the Site. The AI and FRS are databases of facilities or places that have been or are environmentally regulated or are of environmental interest to those agencies.

B.3.b. Adjoining Properties

The ERIS report identified the following adjoining facilities:

- Amoco/Hillcrest Auto, 1581 White Bear Avenue North, located on property adjoining to the west. The ERIS report indicates that a leaking gasoline tank was reported November 5, 1981. The release was assigned file number LS0000388. The information indicates that the MPCA subsequently assigned a closed status to LS0000388 on August 12, 1997. A closed status does not necessarily mean that no contamination remains. The ERIS report indicates that soil contamination remains. A closed status indicates that the MPCA determined that the remaining contamination did not present a significant threat to human health and/or the environment. The closed status determination is based on information provided to the MPCA and the regulatory requirements at that time.
- White Castle, 1601 White Bear Avenue North, located on property adjoining to the northwest. The ERIS report indicates that a leaking gasoline tank was reported July 12, 2004. The release was assigned file number LS0015841. The information indicates that the MPCA subsequently assigned a closed status to LS0015841 on January 17, 1995. A closed status does not necessarily mean that no contamination remains. The ERIS report indicates that soil contamination remains. A closed status indicates that the MPCA determined that the remaining contamination did not present a significant threat to human health and/or the

environment. However, the information suggests that a passive vapor mitigation system was required. The closed status determination is based on information provided to the MPCA and the regulatory requirements at that time.

- Hillcrest Shopping Center, 1600 White Bear Avenue North, located on property adjoining to the north. The ERIS report indicates that a leaking fuel oil tank was reported June 23, 1999. The release was assigned file number LS0012735. The information indicates that the MPCA subsequently assigned a closed status to LS0012735 on January 8, 2001. A closed status does not necessarily mean that no contamination remains. The ERIS report indicates that soil contamination remains. A closed status indicates that the MPCA determined that the remaining contamination did not present a significant threat to human health and/or the environment. The closed status determination is based on information provided to the MPCA and the regulatory requirements at that time.
- Hazel Park Dry Cleaners, 1557 White Bear Avenue North, located on property adjoining to the west. The ERIS report indicates that the facility is identified on a database of dry cleaning facilities. The ERIS report does not identify this facility on any database indicating a release of dry cleaning chemicals. Our review of historical information from previous reports discussed in Section B.7 indicates that this address was occupied by a One Hour Martinizing business from the late 1970s to the 1990s.

B.3.c. Surrounding Area

We reviewed the ERIS report for facilities located beyond adjoining properties that may indicate a release or likely release of hazardous substances and/or petroleum products that may impact the Site. Based on factors that include regulatory status, distance from the Site, and/or location relative to the regional groundwater flow direction, as referenced in Section B.2., no facilities beyond properties that are considered adjoining to the Site are identified in the ERIS report that warrant further consideration as potential recognized environmental conditions.

B.3.d. Unmapped Sites

The ERIS report identified three unmappable sites, which, because of poor or inadequate address information could not be mapped by ERIS. Using online mapping resources, all unmappable sites were identified outside the appropriate minimum search distances for the Site or could not be located based on the information provided. It is our opinion the unmappable sites do not warrant further consideration as potential recognized environmental conditions.

B.4. Additional Federal, State, and Local Environmental Records

To enhance and supplement the regulatory database report, we obtained or reviewed practically reviewable or reasonably ascertainable local city and/or county records and/or additional state records to identify records that indicate known or potential recognized environmental conditions at the Site.

B.4.a. Well Databases

The Minnesota Geological Survey (MGS) maintains the Minnesota Well Index (MWI), which is a limited database of water well records. The MWI was accessed through the Minnesota Department of Health (MDH) website. The MDH also maintains a separate database of well disclosure records, which are records generated during property transactions. Not all private water wells are listed on the MDH databases. Our review of the MWI and MDH databases revealed no wells on the Site.

B.4.b. State Regulatory Web Pages

We accessed MPCA's Aboveground/Underground Storage Tank and Leak Site Search web page, Minnesota Department of Agriculture (MDA) "What's In My Neighborhood" Agricultural Interactive Mapping web page and the MPCA's "What's In My Neighborhood" web pages for information regarding the potential for the Site, adjoining properties, or surrounding properties to be of environmental concern that were not identified in the regulatory database report.

We did not identify facilities on the state regulatory web pages we accessed that were not already listed in the ERIS report discussed in Section B.3 above.

B.5. Regulatory Agency File and Records Review

The purpose of the regulatory file review is to obtain sufficient information to assist in determining if a recognized environmental condition, historical recognized environmental condition, controlled recognized environmental condition, or a *de minimis* condition exists at the Site in connection with a regulatory report listing.

Based on our review of the regulatory report, it is our opinion that a regulatory agency file and records review pertaining to the facilities that were identified may provide some additional information regarding the investigations and/or remediation that was completed at those properties. However, review of those files would not necessarily eliminate these facilities as representing a potential for impact to the Site. Furthermore, review of the regulatory files would not necessarily provide any

additional detail regarding current Site conditions. Since review of these files is unlikely to provide information regarding current Site conditions, and since the review would not necessarily eliminate these facilities as having the potential to impact the Site, review of the files was not conducted at this time.

B.6. Historical-Use Information

The objective of the historical-use information review was to develop a history of the previous uses of the Site and surrounding area, and to help evaluate the likelihood of past uses having led to recognized environmental conditions in connection with the Site. The following table summarizes the historical information reviewed. Details regarding the information reviewed are provided in the sections below.

Historical Source	Provided By:	Years Available
Historical Fire Insurance Maps	Historical Information Gatherers, Inc. (HIG)	1886, 1887, 1908, 1916, 1928
USGS Topographic Maps	HIG	1896, 1951, 1955, 1967, 1972, 1980, 1993, 2013, 2016, 2019
Aerial Photographs	HIG	1923, 1940, 1947, 1953, 1958, 1966, 1974, 1980, 1982, 1985, 1991, 1994, 2000, 2004, 2009, 2012, 2016
City Directories	HIG	1929 through 2018 (available years vary by street)

B.6.a. Historical Maps/Fire Insurance Maps

Historical maps sometimes include fire insurance maps, for the Site and surrounding area. Fire insurance maps are produced by private fire insurance map companies and indicate uses of property at specified dates. The information noted on the maps commonly includes uses of individual structures, locations of fuel and/or chemical storage tanks, and storage of other potentially toxic substances. Copies of the historical maps are attached in Appendix E.

No structures or uses are depicted on the Site on any of the maps. All of the maps depict White Bear Avenue North. The maps depict scattered residential dwellings in the surrounding area.

B.6.b. Historical Topographic Maps

Copies of the historical topographic maps are attached in Appendix F. The following is a summary of the information reviewed.

1896

The 1896 map depicts no structures or uses on the Site or adjoining properties. The 1896 map depicts White Bear Avenue North bordering the west side of the Site.

1951-1993

The Site is depicted as located in an urban area, on the maps only landmark type buildings are depicted, therefore no building, structures, or uses are depicted on the Site or adjoining properties.

2013-2019

The 2013 and 2016 topographic maps do not depict structures, but only depict topography changes, roadway infrastructure, and surface water bodies. The maps depict the surrounding roadways in the locations and alignments observed at the time of the reconnaissance for this assessment.

B.6.c. Aerial Photographs

Copies of the aerial photographs are attached in Appendix G. The following is a summary of the information reviewed.

1923

The Site and adjoining properties appear to be undeveloped on the 1923 photograph with the exception of a residential dwelling southwest of the Site. A street consistent in location and alignment with White Bear Avenue North is apparent bordering the west side of the Site.

1940-1947

Paths are apparent on the Site entering from the west and terminating on the east side of the Site at an area that appears to be graded or filled. This may suggest that some dumping or filling was occurring in this area. Similar paths were evident to the north with similar terminations at a disturbed area. A dark area on the west side of the Site appears to indicate a low area with standing water. Small commercial buildings are apparent west of the Site. Residential development is apparent beyond adjoining properties to the south.

1953

A small building and driveway is apparent in the southwest corner of the Site that is consistent in appearance with a filling station. The central and east side of the Site appears to be under construction. Commercial buildings consistent with those observed at the time of the reconnaissance for this assessment are apparent north and south of the Site. A residential neighborhood is apparent east of the Site and beyond adjoining properties to the south and west of the Site.

1958

Three buildings are apparent on the Site consistent with a the former filling station in the southwest corner, former office and retail store building on the north side, and former bowling alley on the south side. Progressive commercial and residential development is apparent in the surrounding area.

1966-1980

An addition is apparent on the east side of the south building on the Site. Progressive commercial and residential development is apparent in the surrounding area.

1982-2000

The former filling station in the southwest corner of the Site is no longer apparent. No other significant changes are noted on the Site. The buildings observed on the adjoining properties at the time of the reconnaissance for this assessment are apparent.

2004-2016

No buildings or structures are apparent on the Site. Pavements for the former parking lots appear to remain on the Site while the locations of the former buildings appear to be grass covered. No other significant changes are noted on the Site or the adjoining properties.

B.6.d. City Directory Information

City directories list property occupants by individual property address and when available can often aid in determining historical property uses. The directories were examined for current and potential past Site and adjoining property addresses. Street names searched included White Bear Avenue North,; Gary Place, Hoyt Avenue North, and Iowa Avenue East. Copies of the city directory pages are included in Appendix H.

No addresses indicating a location on the Site are listed in directories before 1959 or after 2002.

Addresses for the Site included 1560, 1570, and 1590 White Bear Avenue North. The directory listing for 1560 White Bear Avenue was for a bowling alley in the 1969 through 1999 directories. The directory listings for 1570 White Bear Avenue consisted of a filling station in the 1959 through 1979 directories. The directory listings for 1590 White Bear Avenue included a jeweler and various office use tenants in the 1969 through 1999 directories.

B.6.e. City of Saint Paul

Historical Information Gatherers, Inc. (HIG) was retained to search for and obtain records from the City of Saint Paul. HIG searched for Site records in the Assessor's office, Building Department, Environmental Department, and Fire Department. HIG indicates that all responses to their request to the applicable

departments have not yet been received. Information received to date of issuance of this report is attached in Appendix I. HIG indicated that additional information may be pending. Review of the information in the available records received to date identified no environmental concerns.

B.7. Previous Environmental Documents

We reviewed the following previous public domain environmental documents regarding the Site:

Remedial Investigation, Hafner's Bowling Center, St. Paul, Minnesota, MPCA Leak #00002453, prepared by Braun Environmental Laboratories, Inc. (Braun Intertec), dated July 31, 1990 (Project CMKX-91-0152) (1990 report).

Phase II Remedial Investigation, Hafner's Bowling Center, St. Paul, Minnesota, MPCA Leak #00002453, prepared by Braun Intertec, dated February 8, 1991 (Project CMKX-91-0152) (1991 report).

Selected information from the 1990 and 1991 reports is included in Appendix J.

In summary, the 1990 and 1991 reports indicate that a Clark Oil service station was located along the west side of the Site at 1570 White Bear Avenue from the early 1950s until the early 1980s. The service station was purchased by Hafner's Bowling Center in the early 1980s. At that time, the underground storage tanks were removed, the station buildings were razed and the Site was paved to provide additional parking for the bowling center. It was not known at that time (early 1980s) if leakage of petroleum product from storage tanks at Clark Oil had occurred. These reports indicated that other service stations operated in the area and details that were provided by these reports included the following:

- An Amoco station was located at the southwest corner of White Bear Avenue and East Iowa Avenue. In 1984 Amoco stopped dispensing fuel and removed the underground storage tanks at that location. Petroleum contamination is known to be present at the former Amoco station (location of petroleum tank release LS0000388 at 1581 White Bear Avenue North).
- A Sinclair station operated at the southwest corner of east Hoyt Avenue and White Bear Avenue. This site was reportedly a filling station in the 1960s followed by a dry cleaning facility from the 1970s into the 1990s (One Hour Martinizing at 1557 White Bear Avenue North).

- A Shell gas station and a carwash that also operated as a gas station, were located just north of the White Castle (location of petroleum tank release LS0015841 at 1601 White Bear Avenue North).

Braun Intertec was provided information that indicated that a petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). Braun Intertec was retained to complete a Remedial Investigation (RI) and subsequent follow up Phase II RI in 1990 for Hafner's Bowling Center. The initial investigation activities included conducting a field based organics vapor survey, drilling five borings and completing three of the borings as groundwater monitoring wells, collecting and chemically analyzing soil and groundwater samples, and performing hydraulic conductivity tests. During the soil vapor survey, contamination was reportedly measured in the field, that appeared laterally extensive. Photoionization detector (PID) organic vapor readings from soil borings ranged from 62 to 424 parts per million (ppm).

Two soil samples were collected from the 3.5 to 5.0 depth below ground surface (bgs) interval as part of the 1990 report. The samples were analyzed for concentrations of benzene, ethyl benzene, toluene, and xylenes (BETX); methyl tertiary butyl ether (MTBE); total hydrocarbons (THC) as gasoline or fuel oil; and lead. Soil boring ST-2, located on the southwest corner of the Site, had no concentrations above the laboratory detection limits except THC as gasoline at 1.1 milligrams per kilogram (mg/kg). Soil from soil boring ST-1, located along the middle of the west property boundary, contained significant concentrations of BETX compounds, and THC as gasoline was detected at a concentration of 3,000 mg/kg. MTBE and lead were not detected above the detection limits in ST-1.

One Groundwater sample was collected from each of three wells, MW-1, MW-2 and MW-3. These wells were located on the southeast quadrant of the Site. Samples from the three monitoring wells were analyzed for volatile organic compounds (VOCs), MTBE, and dissolved lead content. VOCs detected in samples from all three wells included BETX. THC as gasoline was detected at 100,000 micrograms per liter (ug/l) in the sample from MW-1, at 26,000 ug/l in MW-2, and at 81,000 ug/l in MW-3. Lead was detected at 14 ug/l and 10 ug/l in samples from MW-1 and MW-3, respectively.

As part of additional RI activities conducted by Braun Intertec in September of 1990 and detailed in the 1991 report, five soil borings were drilled on the north half of the Site. Three of the five borings were completed as groundwater monitoring wells. PID readings indicated only minor contamination, ranging from 0 to 6.2 ppm. Boring ST-3 located on the northwest corner of the Site had significant PID readings, up to 132 ppm at 10 feet.

Soil samples were collected from MW-4, MW-5 and ST-3 at 10 feet bgs. Samples were also collected from boring ST-4 at 15 feet and 20 feet bgs. Samples were analyzed for BETX, MTBE, THC as gasoline or fuel oil,

and lead. THC was detected in all borings. THC as gasoline was detected in MW-4, MW-5, MW-6, and ST-3 at 3.3, 3.1, 2.8, and 48 mg/kg, respectively; and THC as fuel oil was detected at 15 feet bgs in boring ST-4 at 48 mg/kg. MTBE, benzene, ethylbenzene and xylenes were also detected in the sample from boring ST-3.

Groundwater samples were collected from MW-4, MW-5 and MW-6 and analyzed for VOCs, THC as gasoline or fuel oil and dissolved lead. None of the compounds were detected at concentrations above their respective detection limits.

During the initial phase of the RI (1990 report), it was reported that groundwater flow at the Site was to the northeast. However, with the addition of the three monitoring wells installed during the second phase of the investigation (1991 report), it became evident that Site groundwater flow was more complex. It was hypothesized that groundwater flow patterns at the Site may have been altered with the removal or addition of buildings and pavements and it was deemed possible that some of the contamination detected on the Site may have come from off-site sources.

The 1991 report recommended that the site be entered in the MPCA Voluntary Petroleum Investigation and Cleanup (VPIC) program and that applicable letters of assurance be pursued. The 1991 report recommended that a Development Response Action Plan (DRAP) be prepared and approved by the MPCA prior to conducting any earthwork associated with Site redevelopment activities. The 1991 report recommended that the DRAP outline provisions for the proper management of contaminated soil and groundwater, which may be encountered during the redevelopment activities.

Based on a review of the regulatory information, discussed in Section B.3, the MPCA assigned a closed status to LS0002453 on January 17, 1995. This indicates that the investigation was completed to the satisfaction of the MPCA with contamination allowed to remain in place.

C. Interviews/Inquiries

Inquiry to the City of St. Paul (the Site owner) was conducted by means of obtaining and reviewing records from various departments. Review of those records is discussed in Section B.6.a.

D. Site Reconnaissance

The objective of the Site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the Site.

A Braun Intertec environmental professional, Matt Erickson, conducted a Site reconnaissance on July 15, 2021. We were unaccompanied during the Site reconnaissance.

At the time of the Site reconnaissance, the weather was mostly sunny and calm with a temperature of about 80 degrees Fahrenheit.

D.1. Methodology

Observations made at the time of the Site reconnaissance were conducted by walking across the center of the Site and the Site perimeter. Observations of adjoining properties were made from the Site boundaries and public right-of-way areas.

D.2. Site Characteristics, Use, Improvements, and Layout

At the time of the reconnaissance, the Site consisted of an approximately 2.1 acre vacant parcel. The Site was covered with gravel and weathered bituminous pavements. Grasses and secondary weeds covered the gravel areas and cracks in the pavements. The Site terrain was relatively flat with a slight slope down to the west-southwest.

Food concession trailers and mobile catering kitchen trucks were parked on the streets bordering the Site. The Site appeared to be used as a public gathering space for the customers of the concession stands.

A Site Sketch and Site Photographs are attached in Appendices B and K, respectively.

D.3. Adjoining Property Use and Characteristics

At the time of this assessment, the Site was bordered on the north by Iowa Avenue East followed by a Dollar Tree store with commercial/retail properties located beyond; on the east by Gary Place followed by single-family residential dwellings with residential properties located beyond; on the south by Hoyt Avenue East followed by a Dollar General store with residential dwellings with commercial/retail

properties located beyond; and on the west by White Bear Avenue North followed by a locksmith shop, an automobile repair shop, a pizza restaurant, and a dentist's office with residential properties located beyond. The Site was located in a neighborhood commercial area within the city of St. Paul.

D.4. Pits, Ponds, Pools of Liquid, or Lagoons

No indications of pits, ponds, pools of liquid, or lagoons having the potential to contain hazardous substances or petroleum products were observed at the Site or on adjoining properties at the time of our reconnaissance.

D.5. Stained Soil, Pavement, or Corroded Surfaces

No stained soil or indications of leaks or spills were observed at the Site at the time of our reconnaissance.

D.6. Solid Waste Disposal

With the exception of minor amounts of windblown urban litter, no indications of solid waste disposal was observed on the ground surface at the time of the reconnaissance.

D.7. Stressed Vegetation

The Site vegetation did not appear stressed beyond what would be expected based on the paved surfaces and dry conditions.

D.8. Hazardous Substances

No indications of current and/or historic use, storage, staining, or spills of hazardous substances were observed at the Site at the time of the reconnaissance.

D.9. Petroleum Products

No indications of current and/or historic use, storage, staining, or spills of petroleum products were observed at the Site at the time of the reconnaissance.

D.10. Storage Tanks

No indications of underground storage tanks (USTs) were observed. No aboveground storage tanks (ASTs) were observed at the time of the reconnaissance.

D.11. Unidentified Drums and Containers

No drums containing unidentified substances suspected of being a hazardous substance or petroleum product were observed at the Site at the time of our reconnaissance.

D.12. Odors

No indications of strong, pungent, or noxious odors were observed at the time of the Site reconnaissance.

D.13. Potential PCB-Containing Electrical and Hydraulic Equipment

Three utility-owned, pole-mounted transformers were observed on the south-central side of the Site. The transformers appeared to be in good condition with no indications of leaks.

D.14. Wastewater Discharges

Surface drainage on the Site appeared to be to White Bear Avenue North. No indications of wastewater discharging into a drain, ditch, underground injection system, or stream on or adjacent to the Site were observed at the time of the reconnaissance.

D.15. Sewage Disposal System

The proximity of municipal sanitary sewer service and feasibility of connection to the Site was not determined as part of this assessment.

D.16. Wells

No indications of wells such as monitoring wells, dry wells, irrigation wells, injection wells, abandoned wells, or other non-potable wells were observed at the Site at the time of the reconnaissance.

D.17. Potable Water Supply

The proximity of municipal potable water supply service and feasibility of connection to the Site was not determined as part of this assessment.

E. Summary of Land-Use Activities

At the time of this assessment, the Site consisted of an approximately 2.1 acre vacant parcel. The Site was covered with gravel and weathered bituminous pavements. Grasses and secondary weeds covered the gravel areas and cracks in the pavements. The Site terrain was relatively flat with a slight slope down to the west-southwest. Food concession trailers and mobile catering kitchen trucks were parked on the streets bordering the Site. At the time of the reconnaissance, the Site appeared to be used as a public gathering space for the customers of the concession stands.

The Site was bordered on the north by Iowa Avenue East followed by a Dollar Tree store with commercial/retail properties located beyond; on the east by Gary Place followed by single-family residential dwellings with residential properties located beyond; on the south by Hoyt Avenue East followed by a Dollar General store with residential dwellings with commercial/retail properties located beyond; and on the west by White Bear Avenue North followed by a locksmith shop, an automobile repair shop, a pizza restaurant, and a dentist's office with residential properties located beyond. The Site was located in a neighborhood commercial area within the city of St. Paul.

Aerial photographs indicate no developed use of the Site prior to the 1940s. On a 1940 photographs some grading was evident and a path crossed the Site from the west and terminated at the east side of the Site suggesting some possible filling activities. No other apparent developed use of the Site was evident until the early 1950s when a filling station was constructed in the southwest corner of the Site at 1570 White Bear Avenue North. The filling station reportedly operated until the early 1980s when it was demolished. A petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). A subsequent remedial investigation identified gasoline contaminated soils and groundwater in the southwest quarter of the Site. Two other commercial buildings occupied the Site from the 1950s until those buildings were demolished in the 2000s. The buildings included a bowling alley at 1560 White Bear Avenue North, on the south side of the Site, and an office building with a jeweler's shop at 1590 White Bear Avenue North, on the north side of the Site. The Site was vacant of any buildings from approximately 2004 to the time of this assessment.

Our research has revealed that the adjoining properties to the east were undeveloped until construction of the existing residential neighborhood in the 1950s. The adjoining properties to the north, south, and west were undeveloped or residential until the construction of commercial retail use buildings in those locations in the 1940s and 1950s. No businesses of likely environmental concern were identified on the adjoining properties with the exception of a former Amoco station (from the 1950s until 1980s) at 1581 White Bear Avenue North (location of petroleum tank release LS0000388); a former Sinclair station (1950s and 1960s) and a One Hour Martinizing dry cleaners (1970s to 1990s) at 1557 White Bear Avenue North; and filling stations (1950s to 1990s) at 1601 White Bear Avenue North (location of petroleum tank release LS0015841).

F. Limiting Conditions and Data Gaps

The findings and conclusions presented in this report are based on procedures described in ASTM Practice E1527-13, inquiries with public officials, available literature cited in this report, conditions noted at the time of our Phase I ESA, and our interpretation of the information obtained as part of this Phase I ESA. Our findings and conclusions are limited to the specific project and properties described in this report and by the accuracy and completeness of information provided by others.

An environmental site assessment cannot wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property within reasonable limits of time and cost.

In performing its services, Braun Intertec used that degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession currently practicing in the same locality. No warranty, express or implied, is made.

No conditions were encountered considered limiting to the environmental professional's ability to render opinions regarding conditions indicative of a release or threatened release. No data gaps were identified during the Phase I ESA process.

G. Findings

The findings include identified known or suspect recognized environmental conditions, controlled recognized environmental conditions, historical recognized conditions, *de minimis* conditions and additional issues in connection with the Site.

The following findings are based on the results of our assessment:

- Aerial photographs indicate grading and possible filling on the Site in the 1940s.
- The first developed use of the Site appeared to be a gasoline filling station that occupied the southwest portion of the Site at 1570 White Bear Avenue North from the 1950s to until the early 1980s when it was demolished. A petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). A subsequent remedial investigation identified gasoline contaminated soils and groundwater in the southwest quarter of the Site.
- A small commercial building for various office uses and a jewelry shop occupied the north central portion of the Site at 1590 White Bear Avenue North and a bowling alley occupied the south central portion of the Site at 1560 White Bear Avenue North from the 1950s until those buildings were demolished in the 2000s.
- The Site has been unused vacant land since approximately 2004 except for the apparent use as a public gathering space for the customers of the food concessionaires in their mobile catering trucks parked on the right-of-way perimeter of the Site.
- The surrounding area was first developed in the 1940s and 1950s for residential and various commercial uses. Commercial uses of potential environmental concern were identified on adjoining properties to the west that included three former filling stations, a former dry cleaners, and a current automobile mechanic's shop. Identified petroleum releases are reported for two of the former adjoining filling stations (LS0000388 and LS0015841).

H. Opinions

According to the User, the Phase I ESA was conducted in association with the redevelopment of the Site. Opinions expressed herein are influenced by the stated reason for conducting the Phase I ESA.

Furthermore, the expressed opinions might not be applicable to alternate reasons for reliance on the content of the Phase I ESA.

H.1. Recognized Environmental Conditions

A recognized environmental condition is defined by ASTM Practice E1527-13 as: “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

This assessment identified no recognized environmental conditions in connection with the Site, with the exception of the following:

- Aerial photographs indicate grading and possible filling on the Site in the 1940s. The potential to encounter contamination in the fill on the Site during redevelopment represents a recognized environmental condition.
- A gasoline filling station occupied the southwest portion of the Site at 1570 White Bear Avenue North from the 1950s to until the early 1980s when it was demolished. A petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). A subsequent remedial investigation identified gasoline contaminated soils and groundwater in the southwest quarter of the Site. The use of the Site as a gasoline filling station and the identified gasoline contamination represents a recognized environmental condition.
- Commercial uses of potential environmental concern were identified on adjoining properties to the west that included three former filling stations, a former dry cleaners, and a current automobile mechanic's shop. Identified petroleum releases are reported for two of the former adjoining filling stations (LS0000388 and LS0015841). The identified petroleum releases and the potential for unknown releases of petroleum or hazardous substances from the uses of the adjoining properties represents a recognized environmental condition.

H.2. Controlled Recognized Environmental Conditions

A controlled recognized environmental condition is defined by ASTM Practice E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products

that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.”

This assessment identified no controlled recognized environmental conditions in connection with the Site.

H.3. Historical Recognized Environmental Conditions

A historical recognized environmental condition is defined by ASTM Practice E1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the Site and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Site to any required controls.”

This assessment identified no historical recognized environmental conditions in connection with the Site.

H.4. *De Minimis* Conditions

A *de minimis* condition is defined by ASTM Practice E1527-13 as “a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

The following findings are considered *de minimis* conditions:

- In addition to the former filling station, two other commercial buildings occupied the Site from the 1950s until demolished in the 2000s. The other commercial buildings consisted of a small commercial building used for various offices and a jewelry shop and a bowling alley. The Site has been unused vacant land since approximately 2004 except for the apparent use as a public gathering space for the customers of the food concessionaires in their mobile catering trucks parked on the right-of-way perimeter of the Site. Those past and current uses of the Site are considered *de minimis* conditions.

I. Conclusions

We have conducted this Phase I ESA of the Site in general conformance with the scope and limitations of ASTM Practice E1527-13. Any exceptions to, or deletions from, this practice are described in Section F of this report.

This assessment identified no controlled or historical recognized environmental conditions in connection with the Site. This assessment identified no recognized environmental conditions in connection with the Site, with the exception of the following:

- Aerial photographs indicate grading and possible filling on the Site in the 1940s. The potential to encounter contamination in the fill on the Site during redevelopment represents a recognized environmental condition.
- A gasoline filling station occupied the southwest portion of the Site at 1570 White Bear Avenue North from the 1950s to until the early 1980s when it was demolished. A petroleum tank release was reported for the Site on April 20, 1990 (LS0002453). A subsequent remedial investigation identified gasoline contaminated soils and groundwater in the southwest quarter of the Site. The use of the Site as a gasoline filling station and the identified gasoline contamination represents a recognized environmental condition.
- Commercial uses of potential environmental concern were identified on adjoining properties to the west that included three former filling stations, a former dry cleaners, and a current automobile mechanic's shop. Identified petroleum releases are reported for two of the former adjoining filling stations (LS0000388 and LS0015841). The identified petroleum releases and the potential for unknown releases of petroleum or hazardous substances from the uses of the adjoining properties represents a recognized environmental condition.

J. References

References are listed in Appendix L.

K. Environmental Professional Statement and Qualifications

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Qualifications of the environmental professional and the qualifications of the personnel conducting the site reconnaissance and interviews, if conducted by someone other than an environmental professional, are attached in Appendix M.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

BRAUN INTERTEC CORPORATION

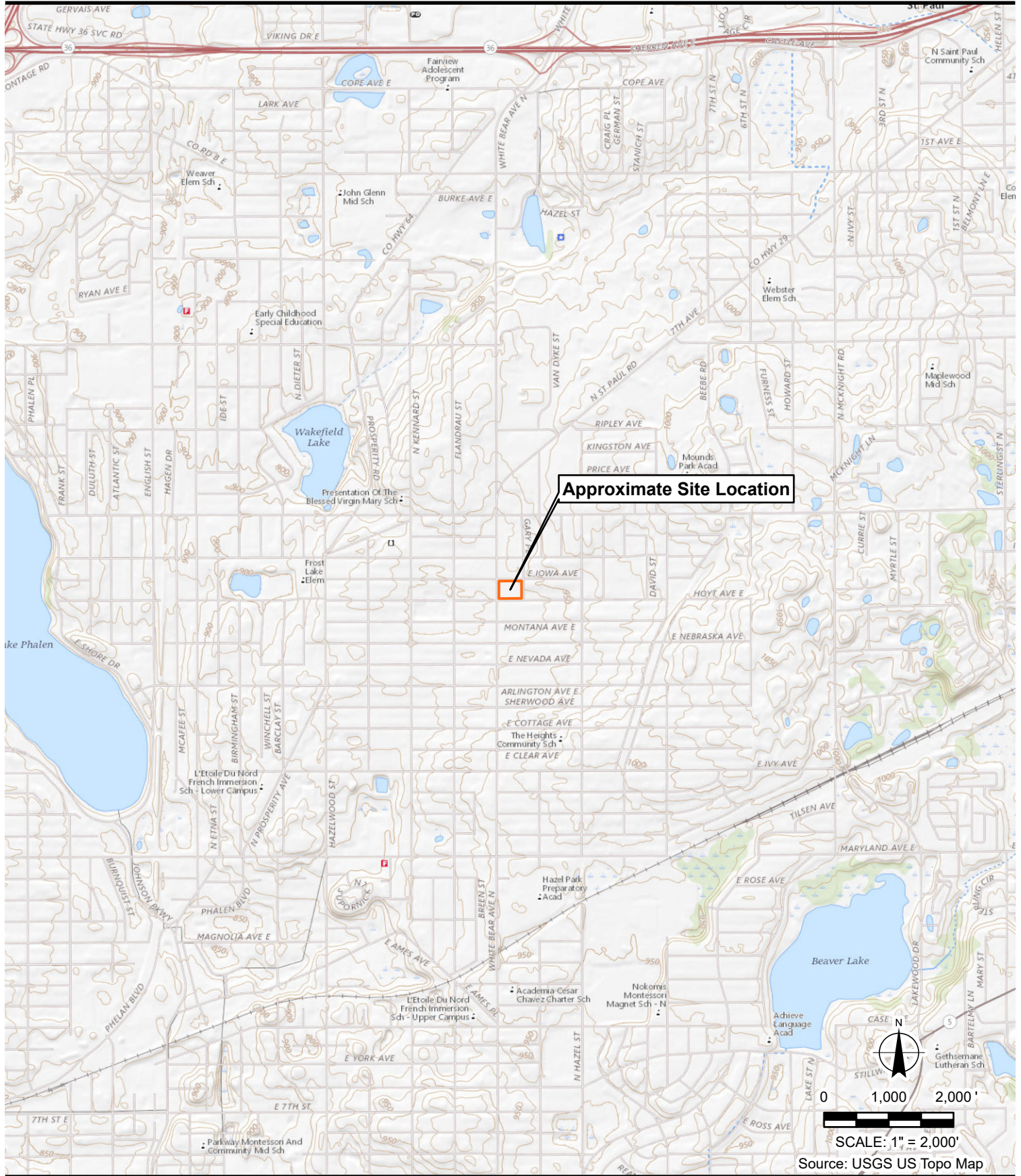


Matthew P. Erickson
Senior Scientist



Mark D. Keefer, PG
Group Manager, Senior Scientist

Appendix A
Site Location Map



**BRAUN
INTERTEC**
The Science You Build On.

11001 Hampshire Avenue S
Minneapolis, MN 55438
952.995.2000
braunintertec.com

Project No:
B2105938

Drawing No:
B2105938_Fig 1

Drawn By: ZS
Date Drawn: 7/23/2021
Checked By: MPE
Last Modified: 7/23/2021

Former Hafner's Bowling Alley

560, 1570, and 1590 White Bear Avenue

St. Paul, Minnesota

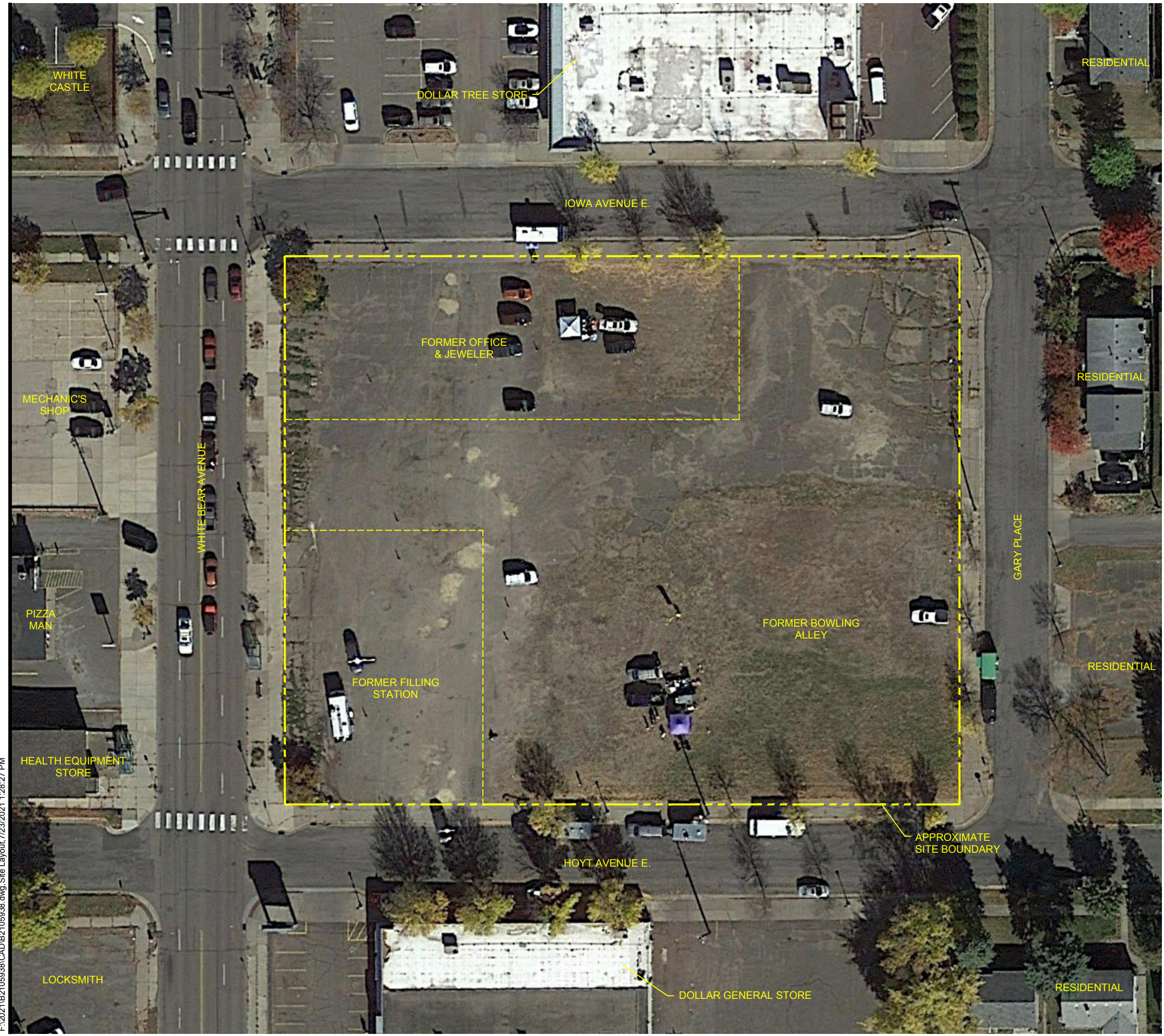
Site Location Map

Figure 1

Source: USGS US Topo Map

Appendix B

Site Sketch



F:\2021\B2105938\CAD\B2105938.dwg, Site Layout, 7/23/2021 1:28:27 PM



Drawing Information

Project No:	B2105938
Drawing No:	B2105938
Drawn By:	LAO
Date Drawn:	7/23/21
Checked By:	MPE
Last Modified:	7/6/21

Project Information

Former Hafner's Bowling Alley

560, 1570, and 1590
White Bear Avenue

St. Paul, Minnesota

Site Layout

Figure 2

Appendix C
Ramsey County Property Information



Overview



Legend

- Tax Parcel
- Ramsey County
- Waterbody
- Parcel Info

Parcel ID<	232922220050	Alternate ID	n/a	Owner Address	
Sec/Twp/Rng	23/029/022	Tax Classification	n/a		HOUSING REDEVELOPMENT AUTH
Property Address	1590 WHITE BEAR AVEN ST PAUL	Parcel Area	0.43		25 4TH ST W STE 1400 ST PAUL MN 55102-1634
Tax Authority Group (TAG)	ST PAUL 625 MNB				
Brief Tax Description	Lot 1 Block 8 of HILLCREST CENTER PLAT 2 W 240 FT OF N 78 FT OF LOT 1 BLK 8 <i>(Note: Not to be used on legal documents)</i>				

Date created: 6/30/2021
 Last Data Uploaded: 6/30/2021 4:02:07 AM



Overview

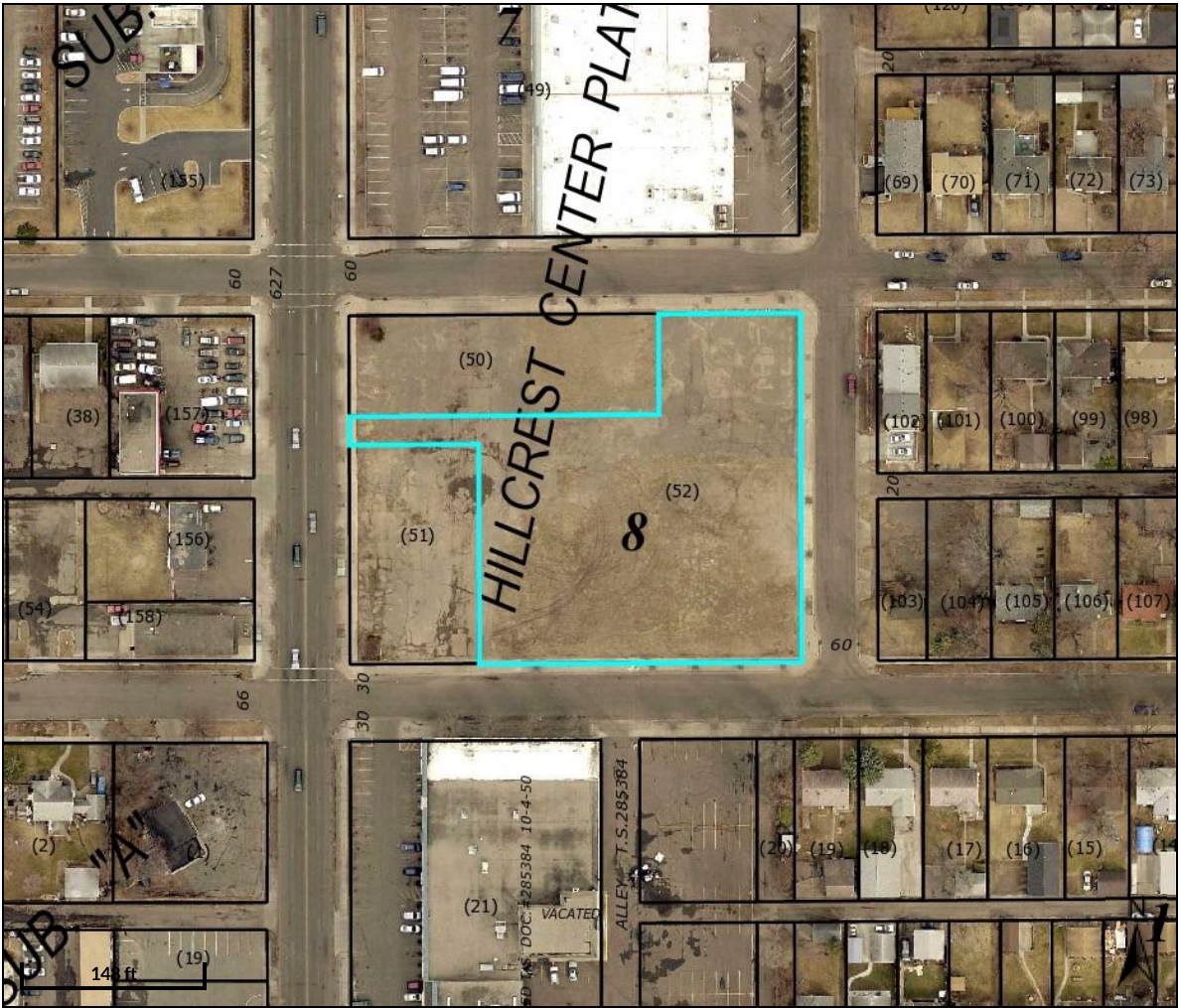


Legend

- Tax Parcel
- Ramsey County
- Waterbody
- Parcel Info

Parcel ID<	232922220051	Alternate ID	n/a	Owner Address	
Sec/Twp/Rng	23/029/022	Tax Classification	n/a		HOUSING REDEVELOPMENT AUTH
Property Address	0 WHITE BEAR AVE N ST PAUL	Parcel Area	0.39		25 4TH ST W STE 1400 ST PAUL MN 55102-1634
Tax Authority Group (TAG)	ST PAUL 625 MNB				
Brief Tax Description	Lot 1 Block 8 of HILLCREST CENTER PLAT 2 W 100 FT OF S 171 FT OF LOT 1 BLK 8				
	(Note: Not to be used on legal documents)				

Date created: 6/30/2021
 Last Data Uploaded: 6/30/2021 4:02:07 AM



Overview



Legend

- Tax Parcel
- Ramsey County
- Waterbody
- Parcel Info

Parcel ID<	232922220052	Alternate ID	n/a	Owner Address	
Sec/Twp/Rng	23/029/022	Tax Classification	n/a		HOUSING REDEVELOPMENT AUTH
Property Address	1570 WHITE BEAR AVEN ST PAUL	Parcel Area	1.36		25 4TH ST W STE 1400 ST PAUL MN 55102-1634

Tax Authority Group (TAG) ST PAUL 625 MNB
 Brief Tax Description Lot 1 Block 8 of HILLCREST CENTER PLAT 2
 EX W 100 FT OF S 171 FT AND EX W 240 FT OF N 78 FT LOT 1 BLK 8
 (Note: Not to be used on legal documents)

Date created: 6/30/2021
 Last Data Uploaded: 6/30/2021 4:02:07 AM

Appendix D

Environmental Risk Information Services, Ltd. Report



DATABASE REPORT

Project Property: *Former Hafner Bowl
1590 White Bear Avenue
St. Paul MN*

Project No: *2052563*

Report Type: *Database Report*

Order No: *21062900523*

Requested by: *Historical Information Gatherers*

Date Completed: *July 7, 2021*

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Executive Summary

Property Information:

Project Property: *Former Hafner Bowl
1590 White Bear Avenue St. Paul MN*

Project No: *2052563*

Coordinates:

Latitude:
Longitude:
UTM Northing: *4,981,706.69*
UTM Easting: *498,075.55*
UTM Zone: *15T*

Elevation: *935 FT*

Order Information:

Order No: *21062900523*
Date Requested: *June 29, 2021*
Requested by: *Historical Information Gatherers*
Report Type: *Database Report*

Historicals/Products:

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	10	3	-	-	13
RCRA NON GEN	Y	0.25	0	5	4	-	-	9
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
PLP	Y	1	0	0	0	0	0	0
DEL PLP	Y	1	0	0	0	0	0	0
SHWS	Y	0.5	0	0	0	0	-	0
SITE ASSESSMENT	Y	0.25	0	0	0	-	-	0
SWF/LF	Y	0.5	0	0	0	0	-	0
LCP	Y	0.5	0	0	0	0	-	0
UNPERMITTED LF	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
HIST LUST	Y	0.5	0	1	1	4	-	6
DEL LUST	Y	0.5	0	0	0	0	-	0
HIST LAST	Y	0.5	0	0	0	0	-	0
HIST LEAKSITES	Y	0.5	0	6	0	4	-	10
LST REM SITE	Y	0.5	0	8	2	9	-	19
LST INCIDENT	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	3	2	-	-	5
AST	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	1	-	-	1
DELISTED TANK	Y	0.5	0	0	0	0	-	0
INST	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	1	1	-	2
VIC	Y	0.5	0	0	1	1	-	2
POTENTIAL VIC	Y	0.5	0	0	0	0	-	0
MPCA AI	Y	0.5	0	22	14	25	-	61
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
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County **No County standard environmental record sources available for this State.**

Additional Environmental Records

Federal

PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	4	-	-	-	4
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	2	0	-	-	2
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0

State

DRYCLEANERS	Y	0.25	0	2	0	-	-	2
SPILLS	Y	0.125	0	6	-	-	-	6

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
AG SPILLS	Y	0.125	0	0	-	-	-	0
HIST SPL	Y	0.125	0	5	-	-	-	5
PFAS GW	Y	0.5	0	0	0	0	-	0
PFAS LANDFILL	Y	0.5	0	0	0	0	-	0
CDL	Y	PO	0	-	-	-	-	0
FEEDLOTS	Y	0.5	0	0	0	0	-	0
TIER 2	Y	0.125	0	3	-	-	-	3
BULK STORAGE	Y	0.25	0	0	0	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Total: 0 77 29 44 0 150

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA NON GEN	HILLCREST ENTERTAINMENT CENTER	1560 WHITE BEAR AVE N ST. PAUL MN 55106	WSW	0.01 / 31.93	-4	41
			<i>EPA Handler ID:</i> MNR000053769				
1	FINDS/FRS	HILLCREST ENTERTAINMENT CENTER	1560 WHITE BEAR AVE N ST. PAUL MN 55106	WSW	0.01 / 31.93	-4	42
1	HIST LEAKSITES	Haffners Resteraunt	1560 White Bear Ave N St. Paul MN 55106	WSW	0.01 / 31.93	-4	43
			<i>Complete Site Closure Date Leaksite Type Desc:</i> 01/17/1995 00:00:00 Leak Site				
1	MPCA AI	Haffners Resteraunt	1560 White Bear Ave N Saint Paul MN 55106	WSW	0.01 / 31.93	-4	44
1	MPCA AI	Hillcrest Entertainment Center	1560 White Bear Ave N Saint Paul MN 55106	WSW	0.01 / 31.93	-4	45
1	FINDS/FRS	HAFFNERS RESTERAUNT	1560 WHITE BEAR AVE N SAINT PAUL MN 55106	WSW	0.01 / 31.93	-4	45
1	LST REM SITE	Haffners Resteraunt	1560 White Bear Ave N Saint Paul MN	WSW	0.01 / 31.93	-4	46
2	HIST SPL	Xcel Energy	1590 Gary Place St. Paul MN	ENE	0.01 / 38.50	11	47
			<i>Program Int ID:</i> 63373219				
2	SPILLS	Xcel Energy	1590 Gary Place MN Saint Paul MN	ENE	0.01 / 38.50	11	48
3	RCRA VSQG	WAYNE'S AUTO & TIRE	1581 WHITE BEAR AVE N ST. PAUL MN 55106	W	0.01 / 49.36	-2	48
			<i>EPA Handler ID:</i> MND982213001				
3	FINDS/FRS	HILLCREST CERTIFIED AUTO SERVICE	1581 WHITE BEAR AVE N SAINT PAUL MN 55106	W	0.01 / 49.36	-2	50
3	HIST LEAKSITES	Amoco Ss# 8558 (mckinnon)	1581 White Bear Ave N St. Paul MN 55106	W	0.01 / 49.36	-2	51

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
Complete Site Closure Date Leaksite Type Desc: 08/12/1997 00:00:00 Leak Site							
3	MPCA AI	Former Hillcrest Auto	1581 White Bear Ave N Saint Paul MN 55106	W	0.01 / 49.36	-2	52
3	MPCA AI	Hillcrest Certified Auto Service	1581 White Bear Ave N Saint Paul MN 55106	W	0.01 / 49.36	-2	53
3	FINDS/FRS	AMOCO SS# 8558 (MCKINNON)	1581 WHITE BEAR AVE N SAINT PAUL MN 55106	W	0.01 / 49.36	-2	53
3	LST REM SITE	Amoco Ss# 8558 (mckinnon)	1581 White Bear Ave N Saint Paul MN	W	0.01 / 49.36	-2	54
3	LST REM SITE	Former Hillcrest Auto	1581 White Bear Ave N Saint Paul MN	W	0.01 / 49.36	-2	55
4	RCRA VSQG	INSTY PRINTS	1552 WHITE BEAR AVE ST PAUL MN 55106 <i>EPA Handler ID:</i> MND985708064	SW	0.02 / 118.20	-4	56
5	FED DRYCLEANERS	HAZEL PARK HARDWARE & SERVICE - ST PAUL	1557 WHITE BEAR AVENUE SAINT PAUL MN 55106	SW	0.02 / 130.23	-4	57
6	RCRA NON GEN	HAZEL PARK HARDWARE & SERVICE - ST PAUL	1557 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID:</i> MND981094634	SW	0.03 / 137.03	-4	57
6	MPCA AI	Hazel Park Hardware & Service - St Paul	1557 White Bear Ave N Saint Paul MN 55106	SW	0.03 / 137.03	-4	59
6	DRYCLEANERS	HAZEL PARK HARDWARE & SERVICE - ST PAUL	1557 WHITE BEAR AVE N SAINT PAUL MN 55106	SW	0.03 / 137.03	-4	59
7	HIST SPL	BIG WHEEL ROSSI	1620 White Bear Ave St. Paul MN <i>Program Int ID:</i> 170882	NW	0.03 / 179.88	5	60
7	SPILLS	BIG WHEEL ROSSI	1620 White Bear Ave MN Saint Paul MN	NW	0.03 / 179.88	5	61

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	HIST LEAKSITES	Hillcrest Shopping Center	1600 White Bear Ave N St. Paul MN 55106	NW	0.04 / 188.30	4	61
Complete Site Closure Date Leaksite Type Desc: 01/08/2001 00:00:00 Both Leak/PBP Site							
8	MPCA AI	Dollar Tree 04713	1600 White Bear Ave N Saint Paul MN 55106	NW	0.04 / 188.30	4	63
8	MPCA AI	Hillcrest Shopping Center	1600 White Bear Ave N Saint Paul MN 55106	NW	0.04 / 188.30	4	63
8	LST REM SITE	Hillcrest Shopping Center	1600 White Bear Ave N Saint Paul MN	NW	0.04 / 188.30	4	64
9	MPCA AI	DOLLAR GENERAL STORE #19173	1546 White Bear Ave N Saint Paul MN 55106	SW	0.04 / 198.50	-4	65
9	RCRA VSQG	DOLLAR GENERAL STORE 19173	1546 WHITE BEAR AVE N SAINT PAUL MN 55106-1602	SW	0.04 / 198.50	-4	65
EPA Handler ID: MNS000140111							
10	HIST LUST	White Castle	1601 White Bear Ave N St. Paul MN 55106	NW	0.04 / 199.76	4	67
Complete Site Closure Date Leaksite Type Desc: 03/07/2006 00:00:00 Both Leak/PBP Site							
10	MPCA AI	White Castle	1601 White Bear Ave N Saint Paul MN 55106	NW	0.04 / 199.76	4	68
10	LST REM SITE	White Castle	1601 White Bear Ave N Saint Paul MN	NW	0.04 / 199.76	4	69
11	RCRA NON GEN	OLLILA ROGER A DDS	1762 E IOWA AVE ST PAUL MN 55106	W	0.04 / 222.13	-4	70
EPA Handler ID: MND985685122							
11	RCRA NON GEN	CLASEN MARTIN W DDS	1762 IOWA ST ST. PAUL MN 55106	W	0.04 / 222.13	-4	71
EPA Handler ID: MND985669480							
11	MPCA AI	Clasen Martin W DDS	1762 Iowa St Saint Paul MN 55106	W	0.04 / 222.13	-4	73
12	RCRA NON GEN	SNYDER'S DRUG STORE 5073	1620 WHITE BEAR AVE N ST. PAUL MN 55106	NNW	0.07 / 385.03	4	74
EPA Handler ID: MNR000078386							
12	MPCA AI	Snyder's Drug Store 5073	1620 White Bear Ave N Saint Paul MN 55106	NNW	0.07 / 385.03	4	75

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
13	TIER 2	Iowa Hi-Rise	1743 E. Iowa Ave St. Paul MN 55106	W	0.08 / 431.33	-4	75
14	RCRA VSQG	STODDARD ROGER C DDS PA	1524 WHITE BEAR AVE N ST. PAUL MN 55106-1606 <i>EPA Handler ID: MND116906652</i>	SSW	0.08 / 443.55	-3	77
14	MPCA AI	Stoddard Roger C Dds Pa	1524 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 443.55	-3	78
15	UST	Premium Stop	1529 White Bear Ave N Saint Paul MN 55106 <i>Tank ID Tank Status: 112429-EQUI0000000006 Active, 112429-EQUI0000000001 Active, 112429-EQUI0000000003 Removed, 112429-EQUI0000000002 Removed, 112429-EQUI0000000004 Removed, 112429-EQUI0000000005 Removed</i>	SSW	0.08 / 444.06	-4	79
15	HIST SPL	Premium Stop - Pump 5	1529 White Bear Ave St. Paul MN <i>Program Int ID: 55359975</i>	SSW	0.08 / 444.06	-4	83
15	HIST LEAKSITES	Q Superette	1529 White Bear Ave N St. Paul MN 55106 <i>Complete Site Closure Date Leaksite Type Desc: 08/15/2001 00:00:00 Leak Site</i>	SSW	0.08 / 444.06	-4	84
15	MPCA AI	Q Superette	1529 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 444.06	-4	86
15	MPCA AI	Premium Stop	1529 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 444.06	-4	86
15	LST REM SITE	Q Superette	1529 White Bear Ave N Saint Paul MN	SSW	0.08 / 444.06	-4	86
15	SPILLS	Premium Stop - Pump 5	1529 White Bear Ave MN Saint Paul MN	SSW	0.08 / 444.06	-4	87
16	RCRA VSQG	PUBLIC HOUSING AUTHORITY	1743 IOWA AVE E ST. PAUL MN 55106-1300 <i>EPA Handler ID: MND980995054</i>	WNW	0.09 / 451.36	-4	88
16	MPCA AI	Public Housing Authority	1743 Iowa Ave E Saint Paul MN 55106	WNW	0.09 / 451.36	-4	89
16	TIER 2	New Cingular Wireless PCS, LLC - (USID85094)	1743 IOWA AVENUE EAST St. Paul MN 55106	WNW	0.09 / 451.36	-4	90

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	TIER 2	AT&T Mobility - POOLSVILLE - USID85094	1743 IOWA AVENUE EAST St. Paul MN 55106	WNW	0.09 / 451.36	-4	94
17	UST	Iowa Hi-rise (m-1-13)	1743 E Iowa Saint Paul MN 55106	W	0.09 / 456.84	-4	99
<i>Tank ID Tank Status:</i> 112011-EQUI0000000001 Removed, 112011-EQUI0000000002 Removed, 112011-EQUI0000000003 Active							
17	HIST SPL	Unknown Apartment Owner Complaint	1743 Iowa Street St. Paul MN	W	0.09 / 456.84	-4	100
<i>Program Int ID:</i> 58270239							
17	HIST LEAKSITES	Iowa Highrise	1743 E Iowa St. Paul MN 55106	W	0.09 / 456.84	-4	101
<i>Complete Site Closure Date Leaksite Type Desc:</i> 01/28/1999 00:00:00 Leak Site							
17	MPCA AI	Iowa Hi-rise (m-1-13)	1743 E Iowa Saint Paul MN 55106	W	0.09 / 456.84	-4	103
17	LST REM SITE	Iowa Highrise	1743 E Iowa Saint Paul MN	W	0.09 / 456.84	-4	103
17	SPILLS		1743 Iowa Street MN Saint Paul MN	W	0.09 / 456.84	-4	104
18	HIST LEAKSITES	Hillcrest Car Wash	1635 White Bear Ave St. Paul MN 55106	NNW	0.09 / 496.69	4	105
<i>Complete Site Closure Date Leaksite Type Desc:</i> 01/10/1990 00:00:00 Leak Site							
18	MPCA AI	Hillcrest Car Wash	1635 White Bear Ave Saint Paul MN 55106	NNW	0.09 / 496.69	4	106
18	LST REM SITE	Hillcrest Car Wash	1635 White Bear Ave Saint Paul MN	NNW	0.09 / 496.69	4	107
19	SPILLS		1728 Hoyt Ave E Saint Paul MN	W	0.11 / 571.23	-5	108
20	HIST SPL	Sheen on a Puddle - St. Paul	1728 Hoyt Ave St. Paul MN	W	0.11 / 575.61	-5	108
<i>Program Int ID:</i> 76840342							
20	SPILLS		1728 Hoyt Ave MN Saint Paul MN	W	0.11 / 575.61	-5	109

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
21	RCRA VSQG	MCCARTER PA DR THOMAS	1514 WHITE BEAR AVE ST PAUL MN 55106 <i>EPA Handler ID: MND985669449</i>	SSW	0.11 / 575.84	-1	109
21	MPCA AI	Premier Dental	1514 White Bear Ave White Bear Lake MN 55110	SSW	0.11 / 575.84	-1	111
21	RCRA VSQG	INSTITUTE OF FACIAL SURGERY	1514 WHITE BEAR AVE WHITE BEAR LAKE MN 55110 <i>EPA Handler ID: MND985669456</i>	SSW	0.11 / 575.84	-1	111
22	FED DRYCLEANERS	DSAI INC. DBA:GRAND CLEANERS	1645 WHITE BEAR AVE ST. PAUL MN 55106	NNW	0.11 / 584.83	3	113
23	RCRA VSQG	GRAND CLEANERS	1645 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MND098414733</i>	NNW	0.11 / 600.34	4	113
23	UST	Gold Eagle Cleaners Corp	1645 White Bear Ave N Saint Paul MN 55106 <i>Tank ID Tank Status: 112425-EQUI0000000001 Active</i>	NNW	0.11 / 600.34	4	115
23	MPCA AI	Gold Eagle Cleaners Corp	1645 White Bear Ave N Saint Paul MN 55106	NNW	0.11 / 600.34	4	116
23	MPCA AI	Grand Cleaners	1645 White Bear Ave N Saint Paul MN 55106	NNW	0.11 / 600.34	4	116
23	DRYCLEANERS	GRAND CLEANERS	1645 WHITE BEAR AVE N SAINT PAUL MN 55106	NNW	0.11 / 600.34	4	117
24	RCRA VSQG	RAJALA KRISTIN DDS	1504 WHITE BEAR AVE N STE A ST. PAUL MN 55106 <i>EPA Handler ID: MND985673540</i>	SSW	0.12 / 641.31	-3	117
24	RCRA VSQG	FAMILY FOOT CLINIC PA	1504 WHITE BEAR AVE N STE B ST. PAUL MN 55106 <i>EPA Handler ID: MND985709286</i>	SSW	0.12 / 641.31	-3	119
24	MPCA AI	Rajala Kristin DDS	1504 White Bear Ave N Ste A Saint Paul MN 55106	SSW	0.12 / 641.31	-3	120
24	MPCA AI	Family Foot Clinic PA	1504 White Bear Ave N Ste B Saint Paul MN 55106	SSW	0.12 / 641.31	-3	121

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
25	RCRA VSQG	CREST CHIROPRACTIC CLINIC	1497 WHITE BEAR AVE ST. PAUL MN 55106 <i>EPA Handler ID:</i> MND071353403	SSW	0.14 / 755.14	-2	121
25	MPCA AI	Crest Chiropractic Clinic	1497 White Bear Ave Saint Paul MN 55106	SSW	0.14 / 755.14	-2	123
26	RCRA VSQG	WALGREENS 07388	1665 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID:</i> MNS000141481	NNW	0.16 / 821.24	4	123
26	MPCA AI	Walgreens 07388	1665 White Bear Ave N Saint Paul MN 55106	NNW	0.16 / 821.24	4	124
27	RCRA NON GEN	CHECKER AUTO PARTS 1802	1680 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID:</i> MNR000079947	NNW	0.18 / 963.05	3	124
27	MPCA AI	Checker Auto Parts 1802	1680 White Bear Ave N Saint Paul MN 55106	NNW	0.18 / 963.05	3	126
27	LST REM SITE	Hillcrest Center	1680 White Bear Ave N Saint Paul MN	NNW	0.18 / 963.05	3	126
28	MPCA AI	Builders Square	White Bear Ave & Larpenteur Ave Maplewood MN 55109	NNW	0.20 / 1,044.56	3	127
29	MPCA AI	Hillcrest Knoll Stormwater Improvements	Address Unknown Saint Paul MN 55106	W	0.20 / 1,045.98	-6	128
30	RCRA VSQG	HOBDAY ROBERT F DDS	1469 WHITE BEAR AVE ST PAUL MN 55106 <i>EPA Handler ID:</i> MND116906637	SSW	0.20 / 1,076.74	3	128
30	MPCA AI	Robert F Hobday DDS	1469 White Bear Ave Saint Paul MN 55106	SSW	0.20 / 1,076.74	3	129
31	HIST LUST	Pizza Hut	1685 White Bear Ave N Maplewood MN 55109 <i>Complete Site Closure Date Leaksite Type Desc:</i> 06/29/2006 00:00:00 Leak Site	NNW	0.21 / 1,127.33	3	130
31	MPCA AI	Pizza Hut	1685 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,127.33	3	131

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
31	LST REM SITE	Pizza Hut	1685 White Bear Ave N Maplewood MN	NNW	0.21 / 1,127.33	3	132
32	MPCA AI	Photos To Go	1690 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,131.11	3	133
33	RCRA NON GEN	PHOTOS TO GO	1690 WHITE BEAR AVE MAPLEWOOD MN 55109 <i>EPA Handler ID: MND985708122</i>	N	0.21 / 1,134.60	2	133
34	RCRA NON GEN	WONDERMAT CLEANERS	1698 WHITE BEAR AVE N MAPLEWOOD MN 55109- 3702 <i>EPA Handler ID: MND076485051</i>	NNW	0.21 / 1,135.09	3	135
34	HIST TANK	Former Wondermat Cleaners	1698 White Bear Lake N Maplewood MN 55109 <i>Tank Site Active?: 123723 No Tank Status: Removed</i>	NNW	0.21 / 1,135.09	3	136
34	MPCA AI	Former Wondermat Cleaners	1698 White Bear Lake N Maplewood MN 55109	NNW	0.21 / 1,135.09	3	139
34	MPCA AI	Wondermat Cleaners	1698 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,135.09	3	139
34	UST	Former Wondermat Cleaners	1698 White Bear Lake N Maplewood MN 55109 <i>Tank ID Tank Status: 147602-EQUI0000000001 Removed</i>	NNW	0.21 / 1,135.09	3	140
35	RCRA NON GEN	RVK ARCHITECTS	1696 WHITE BEAR AVE MAPLEWOOD MN 55109 <i>EPA Handler ID: MNS000135160</i>	N	0.22 / 1,159.93	2	140
35	MPCA AI	RVK Architects	1696 White Bear Ave Maplewood MN 55109	N	0.22 / 1,159.93	2	141
36	MPCA AI	Hoyt-Kennard Residential St Paving Proj	See location description Saint Paul MN 55106	W	0.24 / 1,278.20	-8	142
37	MPCA AI	Former Burger King Restaurant	1706 White Bear Avenue Maplewood MN 55109	N	0.25 / 1,300.57	6	142
37	BROWNFIELDS	Burger King Restaurant	1706 White Bear Avenue Maplewood MN	N	0.25 / 1,300.57	6	143

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
37	VIC	Burger King Restaurant	1706 White Bear Avenue Maplewood MN	N	0.25 / 1,300.57	6	144
38	MPCA AI	McDonough Residence	1715 Larpenteur Ave E Maplewood MN 55109	NW	0.25 / 1,305.80	19	145
38	UST	McDonough Residence	1715 Larpenteur Ave E Maplewood MN 55109	NW	0.25 / 1,305.80	19	145
Tank ID / Tank Status: 213853-EQUI0000000001 Closed In-Place							
39	LST REM SITE	McDonough Residence	1715 East Larpenter Ave Maplewood MN	NW	0.26 / 1,373.75	22	146
40	MPCA AI	O'Reilly Auto Parts - 2074	1804 N St Paul Rd Maplewood MN 55109	N	0.30 / 1,598.15	20	148
41	HIST LUST	White Bear Avenue Midas Muffler Shop	1415 White Bear Ave N St. Paul MN 55106	S	0.30 / 1,603.72	8	148
Complete Site Closure Date / Leaksite Type Desc: 05/10/2010 00:00:00 Leak Site							
41	MPCA AI	Midas Muffler Shop - White Bear Ave	1415 White Bear Ave N Saint Paul MN 55106	S	0.30 / 1,603.72	8	150
41	LST REM SITE	White Bear Avenue Midas Muffler Shop	1415 White Bear Ave N Saint Paul MN	S	0.30 / 1,603.72	8	150
42	HIST LEAKSITES	Goodyear	1735 Van Dyke St Ste 1 Maplewood MN 55109	NNE	0.31 / 1,654.02	32	151
Complete Site Closure Date / Leaksite Type Desc: 01/09/1996 00:00:00 Both Leak/PBP Site							
42	MPCA AI	1st Choice Auto Repair	1735 Van Dyke St Ste 3 Maplewood MN 55109	NNE	0.31 / 1,654.02	32	153
42	MPCA AI	Performance Transmission	1735 Van Dyke St Ste 1 Maplewood MN 55109	NNE	0.31 / 1,654.02	32	153
42	MPCA AI	One Day Auto	1735 Van Dyke St Ste 2 Maplewood MN 55109	NNE	0.31 / 1,654.02	32	154
42	LST REM SITE	Goodyear	1735 Van Dyke St Ste 1 Maplewood MN	NNE	0.31 / 1,654.02	32	154
42	MPCA AI	Charles Belland & Son	1735 Van Dyke St Ste 4 Maplewood MN 55109	NNE	0.31 / 1,654.02	32	155

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
43	MPCA AI	Family Health Services PA	1814 North St Paul Rd Maplewood MN 55109	N	0.32 / 1,685.79	24	156
44	HIST LEAKSITES	Former Builders Square	1740 Van Dyke St Maplewood MN 55109	NNE	0.33 / 1,718.76	32	156
Complete Site Closure Date Leaksite Type Desc: 03/23/2000 00:00:00 Both Leak/PBP Site							
44	HIST LEAKSITES	Former Shoppers City Gas Station	1740 Van Dyke St Maplewood MN 55109	NNE	0.33 / 1,718.76	32	158
Complete Site Closure Date Leaksite Type Desc: 05/08/2000 00:00:00 Both Leak/PBP Site							
44	MPCA AI	Former Shoppers City Gas Station	1740 Van Dyke St Maplewood MN 55109	NNE	0.33 / 1,718.76	32	160
44	MPCA AI	Woodland Hills Church	1740 Van Dyke St Saint Paul MN 55109	NNE	0.33 / 1,718.76	32	160
44	LST REM SITE	Former Shoppers City Gas Station	1740 Van Dyke St Maplewood MN	NNE	0.33 / 1,718.76	32	160
44	LST REM SITE	Former Builders Square	1740 Van Dyke St Maplewood MN	NNE	0.33 / 1,718.76	32	162
45	HIST LUST	SuperAmerica #4022	1750 White Bear Ave N Maplewood MN 55109	N	0.33 / 1,751.86	24	163
Complete Site Closure Date Leaksite Type Desc: 11/05/2009 00:00:00 Leak Site							
45	MPCA AI	SuperAmerica 4022	1750 White Bear Ave N Maplewood MN 55109	N	0.33 / 1,751.86	24	164
45	LST REM SITE	SuperAmerica #4022	1750 White Bear Ave N Maplewood MN	N	0.33 / 1,751.86	24	165
46	MPCA AI	Presentation of Blessed Virgin Mary	1695 Kennard St Maplewood MN 55109	WNW	0.34 / 1,814.27	8	166
47	MPCA AI	Gruber's Power Equipment	1762 White Bear Ave N Maplewood MN 55109	N	0.35 / 1,859.72	25	167
48	MPCA AI	Capital Improvement Project 2011	Address Unknown Little Canada MN 55117	S	0.39 / 2,038.15	14	167

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
49	MPCA AI	Presentation of BVM Church	1735 Kennard St Maplewood MN 55109	NW	0.40 / 2,094.48	35	168
50	HIST LUST	Hayden Heights Elementary School	1863 Clear Ave St. Paul MN 55119	SSE	0.43 / 2,279.23	50	168
Complete Site Closure Date Leaksite Type Desc: 09/30/2003 00:00:00 Leak Site							
50	MPCA AI	Hayden Heights Elementary School	1863 Clear Ave E Saint Paul MN 55119	SSE	0.43 / 2,279.23	50	170
50	MPCA AI	ISD 625 - Hayden Heights	1863 Clear Ave Saint Paul MN 55119	SSE	0.43 / 2,279.23	50	170
50	LST REM SITE	Hayden Heights Elementary School	1863 Clear Ave Saint Paul MN	SSE	0.43 / 2,279.23	50	171
50	BROWNFIELDS	The Heights Elementary School	1863 Clear Ave E Saint Paul MN	SSE	0.43 / 2,279.23	50	172
50	VIC	The Heights Elementary School	1863 Clear Ave E Saint Paul MN	SSE	0.43 / 2,279.23	50	173
51	MPCA AI	Larpenteur Ave at Prosperity Rd Pond	SAINT PAUL MN 55109	WNW	0.45 / 2,368.67	-26	174
52	MPCA AI	Bobs Auto Parts	1571 Nebraska Ave E Saint Paul MN 55106	WSW	0.46 / 2,422.57	7	174
53	HIST LEAKSITES	Hejny Rental	1829 White Bear Ave Maplewood MN 55109	N	0.47 / 2,485.00	32	175
Complete Site Closure Date Leaksite Type Desc: 04/19/1994 00:00:00 Leak Site							
53	MPCA AI	Hejny Rental Inc	1829 White Bear Ave Maplewood MN 55109	N	0.47 / 2,485.00	32	177
54	MPCA AI	Hejny Rental	1829 White Bear Ave N Saint Paul MN 55109	N	0.47 / 2,490.52	32	177
54	LST REM SITE	Hejny Rental	1829 White Bear Ave N Saint Paul MN	N	0.47 / 2,490.52	32	178

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>55</u>	MPCA AI	Ramsey Cty HHW Maplewood Site	1800 Van Dyke St N Maplewood MN 55109	NNE	0.48 / 2,539.89	25	<u>179</u>
<u>56</u>	HIST LUST	Life Care Animal Hospital	1328 White Bear Ave N St. Paul MN 55106	S	0.49 / 2,594.76	29	<u>179</u>
Complete Site Closure Date Leaksite Type Desc: 12/23/2013 00:00:00 Leak Site							
<u>56</u>	MPCA AI	Life Care Animal Hospital	1328 White Bear Ave N Saint Paul MN 55106	S	0.49 / 2,594.76	29	<u>181</u>
<u>56</u>	LST REM SITE	Life Care Animal Hospital	1328 White Bear Ave N Saint Paul MN	S	0.49 / 2,594.76	29	<u>181</u>
<u>57</u>	MPCA AI	Ramsey Cty Parks Rec Goodrich Maint	1820 N Van Dyke St Maplewood MN 55109	NNE	0.49 / 2,599.80	26	<u>182</u>
<u>57</u>	MPCA AI	Goodrich Golf Course Improv	1820 N Van Dyke St Maplewood MN 55109	NNE	0.49 / 2,599.80	26	<u>183</u>
<u>58</u>	MPCA AI	Hope Lutheran Church	1340 N Hazel St Saint Paul MN 55119	SSE	0.50 / 2,614.32	57	<u>183</u>

Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Apr 5, 2021 has found that there are 13 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GRAND CLEANERS	1645 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MND098414733</i>	NNW	0.11 / 600.34	<u>23</u>
WALGREENS 07388	1665 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MNS000141481</i>	NNW	0.16 / 821.24	<u>26</u>
HOBDAY ROBERT F DDS	1469 WHITE BEAR AVE ST PAUL MN 55106 <i>EPA Handler ID: MND116906637</i>	SSW	0.20 / 1,076.74	<u>30</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WAYNE'S AUTO & TIRE	1581 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MND982213001</i>	W	0.01 / 49.36	<u>3</u>
INSTY PRINTS	1552 WHITE BEAR AVE ST PAUL MN 55106 <i>EPA Handler ID: MND985708064</i>	SW	0.02 / 118.20	<u>4</u>
DOLLAR GENERAL STORE 19173	1546 WHITE BEAR AVE N SAINT PAUL MN 55106-1602 <i>EPA Handler ID: MNS000140111</i>	SW	0.04 / 198.50	<u>9</u>
STODDARD ROGER C DDS PA	1524 WHITE BEAR AVE N ST. PAUL MN 55106-1606 <i>EPA Handler ID: MND116906652</i>	SSW	0.08 / 443.55	<u>14</u>
PUBLIC HOUSING AUTHORITY	1743 IOWA AVE E ST. PAUL MN 55106-1300 <i>EPA Handler ID: MND980995054</i>	WNW	0.09 / 451.36	<u>16</u>
INSTITUTE OF FACIAL SURGERY	1514 WHITE BEAR AVE WHITE BEAR LAKE MN 55110 <i>EPA Handler ID: MND985669456</i>	SSW	0.11 / 575.84	<u>21</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MCCARTER PA DR THOMAS	1514 WHITE BEAR AVE ST PAUL MN 55106 <i>EPA Handler ID: MND985669449</i>	SSW	0.11 / 575.84	21
FAMILY FOOT CLINIC PA	1504 WHITE BEAR AVE N STE B ST. PAUL MN 55106 <i>EPA Handler ID: MND985709286</i>	SSW	0.12 / 641.31	24
RAJALA KRISTIN DDS	1504 WHITE BEAR AVE N STE A ST. PAUL MN 55106 <i>EPA Handler ID: MND985673540</i>	SSW	0.12 / 641.31	24
CREST CHIROPRACTIC CLINIC	1497 WHITE BEAR AVE ST. PAUL MN 55106 <i>EPA Handler ID: MND071353403</i>	SSW	0.14 / 755.14	25

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Apr 5, 2021 has found that there are 9 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SNYDER'S DRUG STORE 5073	1620 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MNR000078386</i>	NNW	0.07 / 385.03	12
CHECKER AUTO PARTS 1802	1680 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MNR000079947</i>	NNW	0.18 / 963.05	27
PHOTOS TO GO	1690 WHITE BEAR AVE MAPLEWOOD MN 55109 <i>EPA Handler ID: MND985708122</i>	N	0.21 / 1,134.60	33
WONDERMAT CLEANERS	1698 WHITE BEAR AVE N MAPLEWOOD MN 55109-3702 <i>EPA Handler ID: MND076485051</i>	NNW	0.21 / 1,135.09	34
RVK ARCHITECTS	1696 WHITE BEAR AVE MAPLEWOOD MN 55109 <i>EPA Handler ID: MNS000135160</i>	N	0.22 / 1,159.93	35
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HILLCREST ENTERTAINMENT CENTER	1560 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MNR000053769</i>	WSW	0.01 / 31.93	1
HAZEL PARK HARDWARE & SERVICE - ST PAUL	1557 WHITE BEAR AVE N ST. PAUL MN 55106 <i>EPA Handler ID: MND981094634</i>	SW	0.03 / 137.03	6

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
OLLILA ROGER A DDS	1762 E IOWA AVE ST PAUL MN 55106	W	0.04 / 222.13	11
	<i>EPA Handler ID: MND985685122</i>			
CLASEN MARTIN W DDS	1762 IOWA ST ST. PAUL MN 55106	W	0.04 / 222.13	11
	<i>EPA Handler ID: MND985669480</i>			

State

HIST LUST - Historical Leaking Underground Storage Tanks

A search of the HIST LUST database, dated Nov 1, 2016 has found that there are 6 HIST LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
White Castle	1601 White Bear Ave N St. Paul MN 55106	NW	0.04 / 199.76	10
	<i>Complete Site Closure Date Leaksite Type Desc: 03/07/2006 00:00:00 Both Leak/PBP Site</i>			
Pizza Hut	1685 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,127.33	31
	<i>Complete Site Closure Date Leaksite Type Desc: 06/29/2006 00:00:00 Leak Site</i>			
White Bear Avenue Midas Muffler Shop	1415 White Bear Ave N St. Paul MN 55106	S	0.30 / 1,603.72	41
	<i>Complete Site Closure Date Leaksite Type Desc: 05/10/2010 00:00:00 Leak Site</i>			
SuperAmerica #4022	1750 White Bear Ave N Maplewood MN 55109	N	0.33 / 1,751.86	45
	<i>Complete Site Closure Date Leaksite Type Desc: 11/05/2009 00:00:00 Leak Site</i>			
Hayden Heights Elementary School	1863 Clear Ave St. Paul MN 55119	SSE	0.43 / 2,279.23	50
	<i>Complete Site Closure Date Leaksite Type Desc: 09/30/2003 00:00:00 Leak Site</i>			
Life Care Animal Hospital	1328 White Bear Ave N St. Paul MN 55106	S	0.49 / 2,594.76	56
	<i>Complete Site Closure Date Leaksite Type Desc: 12/23/2013 00:00:00 Leak Site</i>			

HIST LEAKSITES - Historical Leak Sites

A search of the HIST LEAKSITES database, dated Nov 1, 2016 has found that there are 10 HIST LEAKSITES site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Hillcrest Shopping Center	1600 White Bear Ave N St. Paul MN 55106	NW	0.04 / 188.30	8
	<i>Complete Site Closure Date Leaksite Type Desc: 01/08/2001 00:00:00 Both Leak/PBP Site</i>			
Hillcrest Car Wash	1635 White Bear Ave St. Paul MN 55106	NNW	0.09 / 496.69	18

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Complete Site Closure Date Leaksite Type Desc: 01/10/1990 00:00:00 Leak Site				
Goodyear	1735 Van Dyke St Ste 1 Maplewood MN 55109	NNE	0.31 / 1,654.02	42
Complete Site Closure Date Leaksite Type Desc: 01/09/1996 00:00:00 Both Leak/PBP Site				
Former Builders Square	1740 Van Dyke St Maplewood MN 55109	NNE	0.33 / 1,718.76	44
Complete Site Closure Date Leaksite Type Desc: 03/23/2000 00:00:00 Both Leak/PBP Site				
Former Shoppers City Gas Station	1740 Van Dyke St Maplewood MN 55109	NNE	0.33 / 1,718.76	44
Complete Site Closure Date Leaksite Type Desc: 05/08/2000 00:00:00 Both Leak/PBP Site				
Hejny Rental	1829 White Bear Ave Maplewood MN 55109	N	0.47 / 2,485.00	53
Complete Site Closure Date Leaksite Type Desc: 04/19/1994 00:00:00 Leak Site				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Haffners Resteraunt	1560 White Bear Ave N St. Paul MN 55106	WSW	0.01 / 31.93	1
Complete Site Closure Date Leaksite Type Desc: 01/17/1995 00:00:00 Leak Site				
Amoco Ss# 8558 (mckinnon)	1581 White Bear Ave N St. Paul MN 55106	W	0.01 / 49.36	3
Complete Site Closure Date Leaksite Type Desc: 08/12/1997 00:00:00 Leak Site				
Q Superette	1529 White Bear Ave N St. Paul MN 55106	SSW	0.08 / 444.06	15
Complete Site Closure Date Leaksite Type Desc: 08/15/2001 00:00:00 Leak Site				
Iowa Highrise	1743 E Iowa St. Paul MN 55106	W	0.09 / 456.84	17
Complete Site Closure Date Leaksite Type Desc: 01/28/1999 00:00:00 Leak Site				

LST REM SITE - MPCA Remediation Leak Sites

A search of the LST REM SITE database, dated Apr 16, 2021 has found that there are 19 LST REM SITE site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Hillcrest Shopping Center	1600 White Bear Ave N Saint Paul MN	NW	0.04 / 188.30	8
White Castle	1601 White Bear Ave N Saint Paul MN	NW	0.04 / 199.76	10
Hillcrest Car Wash	1635 White Bear Ave Saint Paul MN	NNW	0.09 / 496.69	18

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Hillcrest Center	1680 White Bear Ave N Saint Paul MN	NNW	0.18 / 963.05	27
Pizza Hut	1685 White Bear Ave N Maplewood MN	NNW	0.21 / 1,127.33	31
McDonough Residence	1715 East Larpenter Ave Maplewood MN	NW	0.26 / 1,373.75	39
White Bear Avenue Midas Muffler Shop	1415 White Bear Ave N Saint Paul MN	S	0.30 / 1,603.72	41
Goodyear	1735 Van Dyke St Ste 1 Maplewood MN	NNE	0.31 / 1,654.02	42
Former Builders Square	1740 Van Dyke St Maplewood MN	NNE	0.33 / 1,718.76	44
Former Shoppers City Gas Station	1740 Van Dyke St Maplewood MN	NNE	0.33 / 1,718.76	44
SuperAmerica #4022	1750 White Bear Ave N Maplewood MN	N	0.33 / 1,751.86	45
Hayden Heights Elementary School	1863 Clear Ave Saint Paul MN	SSE	0.43 / 2,279.23	50
Hejny Rental	1829 White Bear Ave N Saint Paul MN	N	0.47 / 2,490.52	54
Life Care Animal Hospital	1328 White Bear Ave N Saint Paul MN	S	0.49 / 2,594.76	56
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Haffners Resteraunt	1560 White Bear Ave N Saint Paul MN	WSW	0.01 / 31.93	1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Former Hillcrest Auto	1581 White Bear Ave N Saint Paul MN	W	0.01 / 49.36	3
Amoco Ss# 8558 (mckinnon)	1581 White Bear Ave N Saint Paul MN	W	0.01 / 49.36	3
Q Superette	1529 White Bear Ave N Saint Paul MN	SSW	0.08 / 444.06	15
Iowa Highrise	1743 E Iowa Saint Paul MN	W	0.09 / 456.84	17

UST - Underground Storage Tanks

A search of the UST database, dated Apr 16, 2021 has found that there are 5 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Gold Eagle Cleaners Corp	1645 White Bear Ave N Saint Paul MN 55106	NNW	0.11 / 600.34	23
<i>Tank ID Tank Status: 112425-EQUI0000000001 Active</i>				
Former Wondermat Cleaners	1698 White Bear Lake N Maplewood MN 55109	NNW	0.21 / 1,135.09	34
<i>Tank ID Tank Status: 147602-EQUI0000000001 Removed</i>				
McDonough Residence	1715 Larpenteur Ave E Maplewood MN 55109	NW	0.25 / 1,305.80	38
<i>Tank ID Tank Status: 213853-EQUI0000000001 Closed In-Place</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Premium Stop	1529 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 444.06	15
<i>Tank ID Tank Status: 112429-EQUI0000000006 Active, 112429-EQUI0000000001 Active, 112429-EQUI0000000003 Removed, 112429-EQUI0000000002 Removed, 112429-EQUI0000000004 Removed, 112429-EQUI0000000005 Removed</i>				
Iowa Hi-rise (m-1-13)	1743 E Iowa Saint Paul MN 55106	W	0.09 / 456.84	17
<i>Tank ID Tank Status: 112011-EQUI0000000001 Removed, 112011-EQUI0000000002 Removed, 112011-EQUI0000000003 Active</i>				

HIST TANK - Tank Sites

A search of the HIST TANK database, dated Dec 30, 2016 has found that there are 1 HIST TANK site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Former Wondermat Cleaners	1698 White Bear Lake N Maplewood MN 55109	NNW	0.21 / 1,135.09	34
	<i>Tank Site Active?: 123723 No</i>			
	<i>Tank Status: Removed</i>			

BROWNFIELDS - Petroleum Brownfields Program Sites

A search of the BROWNFIELDS database, dated Apr 16, 2021 has found that there are 2 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Burger King Restaurant	1706 White Bear Avenue Maplewood MN	N	0.25 / 1,300.57	37
The Heights Elementary School	1863 Clear Ave E Saint Paul MN	SSE	0.43 / 2,279.23	50

VIC - Voluntary Investigation and Cleanup Program List

A search of the VIC database, dated Apr 16, 2021 has found that there are 2 VIC site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Burger King Restaurant	1706 White Bear Avenue Maplewood MN	N	0.25 / 1,300.57	37
The Heights Elementary School	1863 Clear Ave E Saint Paul MN	SSE	0.43 / 2,279.23	50

MPCA AI - MPCA Agency Interests

A search of the MPCA AI database, dated Mar 27, 2021 has found that there are 61 MPCA AI site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Dollar Tree 04713	1600 White Bear Ave N Saint Paul MN 55106	NW	0.04 / 188.30	8
Hillcrest Shopping Center	1600 White Bear Ave N Saint Paul MN 55106	NW	0.04 / 188.30	8
White Castle	1601 White Bear Ave N Saint Paul MN 55106	NW	0.04 / 199.76	10

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Snyder's Drug Store 5073	1620 White Bear Ave N Saint Paul MN 55106	NNW	0.07 / 385.03	<u>12</u>
Hillcrest Car Wash	1635 White Bear Ave Saint Paul MN 55106	NNW	0.09 / 496.69	<u>18</u>
Gold Eagle Cleaners Corp	1645 White Bear Ave N Saint Paul MN 55106	NNW	0.11 / 600.34	<u>23</u>
Grand Cleaners	1645 White Bear Ave N Saint Paul MN 55106	NNW	0.11 / 600.34	<u>23</u>
Walgreens 07388	1665 White Bear Ave N Saint Paul MN 55106	NNW	0.16 / 821.24	<u>26</u>
Checker Auto Parts 1802	1680 White Bear Ave N Saint Paul MN 55106	NNW	0.18 / 963.05	<u>27</u>
Builders Square	White Bear Ave & Larpenteur Ave Maplewood MN 55109	NNW	0.20 / 1,044.56	<u>28</u>
Robert F Hobday DDS	1469 White Bear Ave Saint Paul MN 55106	SSW	0.20 / 1,076.74	<u>30</u>
Pizza Hut	1685 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,127.33	<u>31</u>
Photos To Go	1690 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,131.11	<u>32</u>
Former Wondermat Cleaners	1698 White Bear Lake N Maplewood MN 55109	NNW	0.21 / 1,135.09	<u>34</u>
Wondermat Cleaners	1698 White Bear Ave N Maplewood MN 55109	NNW	0.21 / 1,135.09	<u>34</u>
RVK Architects	1696 White Bear Ave Maplewood MN 55109	N	0.22 / 1,159.93	<u>35</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Former Burger King Restaurant	1706 White Bear Avenue Maplewood MN 55109	N	0.25 / 1,300.57	<u>37</u>
McDonough Residence	1715 Larpenteur Ave E Maplewood MN 55109	NW	0.25 / 1,305.80	<u>38</u>
O'Reilly Auto Parts - 2074	1804 N St Paul Rd Maplewood MN 55109	N	0.30 / 1,598.15	<u>40</u>
Midas Muffler Shop - White Bear Ave	1415 White Bear Ave N Saint Paul MN 55106	S	0.30 / 1,603.72	<u>41</u>
1st Choice Auto Repair	1735 Van Dyke St Ste 3 Maplewood MN 55109	NNE	0.31 / 1,654.02	<u>42</u>
Performance Transmission	1735 Van Dyke St Ste 1 Maplewood MN 55109	NNE	0.31 / 1,654.02	<u>42</u>
One Day Auto	1735 Van Dyke St Ste 2 Maplewood MN 55109	NNE	0.31 / 1,654.02	<u>42</u>
Charles Belland & Son	1735 Van Dyke St Ste 4 Maplewood MN 55109	NNE	0.31 / 1,654.02	<u>42</u>
Family Health Services PA	1814 North St Paul Rd Maplewood MN 55109	N	0.32 / 1,685.79	<u>43</u>
Former Shoppers City Gas Station	1740 Van Dyke St Maplewood MN 55109	NNE	0.33 / 1,718.76	<u>44</u>
Woodland Hills Church	1740 Van Dyke St Saint Paul MN 55109	NNE	0.33 / 1,718.76	<u>44</u>
SuperAmerica 4022	1750 White Bear Ave N Maplewood MN 55109	N	0.33 / 1,751.86	<u>45</u>
Presentation of Blessed Virgin Mary	1695 Kennard St Maplewood MN 55109	WNW	0.34 / 1,814.27	<u>46</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Gruber's Power Equipment	1762 White Bear Ave N Maplewood MN 55109	N	0.35 / 1,859.72	<u>47</u>
Capital Improvement Project 2011	Address Unknown Little Canada MN 55117	S	0.39 / 2,038.15	<u>48</u>
Presentation of BVM Church	1735 Kennard St Maplewood MN 55109	NW	0.40 / 2,094.48	<u>49</u>
Hayden Heights Elementary School	1863 Clear Ave E Saint Paul MN 55119	SSE	0.43 / 2,279.23	<u>50</u>
ISD 625 - Hayden Heights	1863 Clear Ave Saint Paul MN 55119	SSE	0.43 / 2,279.23	<u>50</u>
Bobs Auto Parts	1571 Nebraska Ave E Saint Paul MN 55106	WSW	0.46 / 2,422.57	<u>52</u>
Hejny Rental Inc	1829 White Bear Ave Maplewood MN 55109	N	0.47 / 2,485.00	<u>53</u>
Hejny Rental	1829 White Bear Ave N Saint Paul MN 55109	N	0.47 / 2,490.52	<u>54</u>
Ramsey Cty HHW Maplewood Site	1800 Van Dyke St N Maplewood MN 55109	NNE	0.48 / 2,539.89	<u>55</u>
Life Care Animal Hospital	1328 White Bear Ave N Saint Paul MN 55106	S	0.49 / 2,594.76	<u>56</u>
Ramsey Cty Parks Rec Goodrich Maint	1820 N Van Dyke St Maplewood MN 55109	NNE	0.49 / 2,599.80	<u>57</u>
Goodrich Golf Course Improv	1820 N Van Dyke St Maplewood MN 55109	NNE	0.49 / 2,599.80	<u>57</u>
Hope Lutheran Church	1340 N Hazel St Saint Paul MN 55119	SSE	0.50 / 2,614.32	<u>58</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Haffners Resteraunt	1560 White Bear Ave N Saint Paul MN 55106	WSW	0.01 / 31.93	<u>1</u>
Hillcrest Entertainment Center	1560 White Bear Ave N Saint Paul MN 55106	WSW	0.01 / 31.93	<u>1</u>
Former Hillcrest Auto	1581 White Bear Ave N Saint Paul MN 55106	W	0.01 / 49.36	<u>3</u>
Hillcrest Certified Auto Service	1581 White Bear Ave N Saint Paul MN 55106	W	0.01 / 49.36	<u>3</u>
Hazel Park Hardware & Service - St Paul	1557 White Bear Ave N Saint Paul MN 55106	SW	0.03 / 137.03	<u>6</u>
DOLLAR GENERAL STORE #19173	1546 White Bear Ave N Saint Paul MN 55106	SW	0.04 / 198.50	<u>9</u>
Clasen Martin W DDS	1762 Iowa St Saint Paul MN 55106	W	0.04 / 222.13	<u>11</u>
Stoddard Roger C Dds Pa	1524 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 443.55	<u>14</u>
Q Superette	1529 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 444.06	<u>15</u>
Premium Stop	1529 White Bear Ave N Saint Paul MN 55106	SSW	0.08 / 444.06	<u>15</u>
Public Housing Authority	1743 Iowa Ave E Saint Paul MN 55106	WNW	0.09 / 451.36	<u>16</u>
Iowa Hi-rise (m-1-13)	1743 E Iowa Saint Paul MN 55106	W	0.09 / 456.84	<u>17</u>
Premier Dental	1514 White Bear Ave White Bear Lake MN 55110	SSW	0.11 / 575.84	<u>21</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Rajala Kristin DDS	1504 White Bear Ave N Ste A Saint Paul MN 55106	SSW	0.12 / 641.31	<u>24</u>
Family Foot Clinic PA	1504 White Bear Ave N Ste B Saint Paul MN 55106	SSW	0.12 / 641.31	<u>24</u>
Crest Chiropractic Clinic	1497 White Bear Ave Saint Paul MN 55106	SSW	0.14 / 755.14	<u>25</u>
Hillcrest Knoll Stormwater Improvements	Address Unknown Saint Paul MN 55106	W	0.20 / 1,045.98	<u>29</u>
Hoyt-Kennard Residential St Paving Proj	See location description Saint Paul MN 55106	W	0.24 / 1,278.20	<u>36</u>
Larpenteur Ave at Prosperity Rd Pond	SAINT PAUL MN 55109	WNW	0.45 / 2,368.67	<u>51</u>

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 4 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HILLCREST ENTERTAINMENT CENTER	1560 WHITE BEAR AVE N ST. PAUL MN 55106	WSW	0.01 / 31.93	<u>1</u>
HAFFNERS RESTERAUNT	1560 WHITE BEAR AVE N SAINT PAUL MN 55106	WSW	0.01 / 31.93	<u>1</u>
AMOCO SS# 8558 (MCKINNON)	1581 WHITE BEAR AVE N SAINT PAUL MN 55106	W	0.01 / 49.36	<u>3</u>
HILLCREST CERTIFIED AUTO SERVICE	1581 WHITE BEAR AVE N SAINT PAUL MN 55106	W	0.01 / 49.36	<u>3</u>

FED DRYCLEANERS - Drycleaner Facilities

A search of the FED DRYCLEANERS database, dated May 5, 2021 has found that there are 2 FED DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DSAI INC. DBA:GRAND CLEANERS	1645 WHITE BEAR AVE ST. PAUL MN 55106	NNW	0.11 / 584.83	22

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAZEL PARK HARDWARE & SERVICE - ST PAUL	1557 WHITE BEAR AVENUE SAINT PAUL MN 55106	SW	0.02 / 130.23	5

State

SPILLS - Spills reported to the Pollution Control Agency

A search of the SPILLS database, dated Apr 16, 2021 has found that there are 6 SPILLS site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Xcel Energy	1590 Gary Place MN Saint Paul MN	ENE	0.01 / 38.50	2

BIG WHEEL ROSSI	1620 White Bear Ave MN Saint Paul MN	NW	0.03 / 179.88	7
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Premium Stop - Pump 5	1529 White Bear Ave MN Saint Paul MN	SSW	0.08 / 444.06	15

	1743 Iowa Street MN Saint Paul MN	W	0.09 / 456.84	17
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	1728 Hoyt Ave E Saint Paul MN	W	0.11 / 571.23	19
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	1728 Hoyt Ave MN Saint Paul MN	W	0.11 / 575.61	20
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HIST SPL - Historic spills reported to the Pollution Control Agency

A search of the HIST SPL database, dated Nov 1, 2016 has found that there are 5 HIST SPL site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Xcel Energy	1590 Gary Place St. Paul MN	ENE	0.01 / 38.50	2
	<i>Program Int ID: 63373219</i>			

BIG WHEEL ROSSI	1620 White Bear Ave St. Paul MN	NW	0.03 / 179.88	7
	<i>Program Int ID: 170882</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Premium Stop - Pump 5	1529 White Bear Ave St. Paul MN	SSW	0.08 / 444.06	15
	<i>Program Int ID: 55359975</i>			

Unknown Apartment Owner Complaint	1743 Iowa Street St. Paul MN	W	0.09 / 456.84	17
	<i>Program Int ID: 58270239</i>			

Sheen on a Puddle - St. Paul	1728 Hoyt Ave St. Paul MN	W	0.11 / 575.61	20
	<i>Program Int ID: 76840342</i>			

TIER 2 - Tier 2 Report

A search of the TIER 2 database, dated May 5, 2020 has found that there are 3 TIER 2 site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Iowa Hi-Rise	1743 E. Iowa Ave St. Paul MN 55106	W	0.08 / 431.33	13

New Cingular Wireless PCS, LLC - (USID85094)	1743 IOWA AVENUE EAST St. Paul MN 55106	WNW	0.09 / 451.36	16
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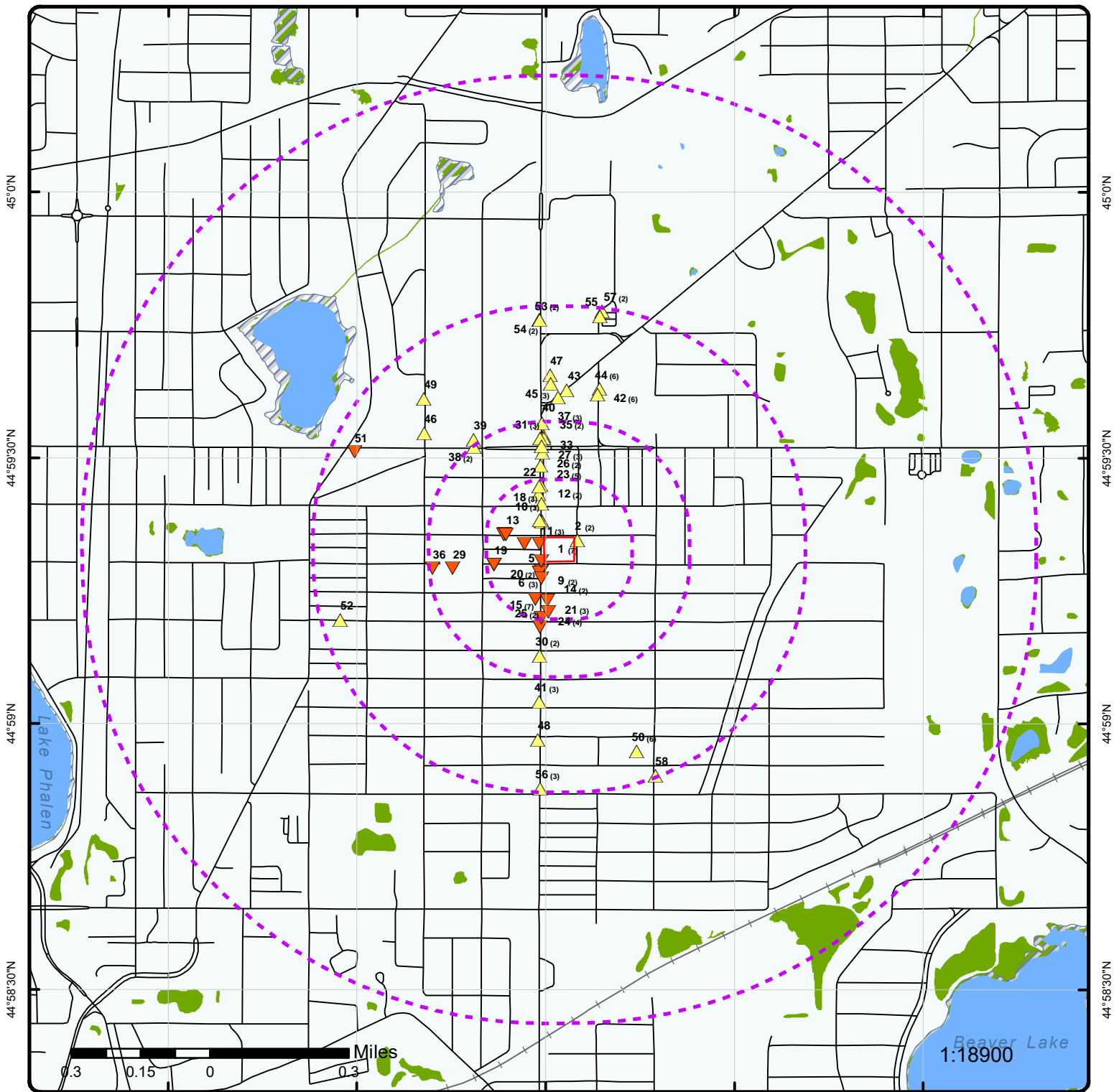
AT&T Mobility - POOLSVILLE - USID85094	1743 IOWA AVENUE EAST St. Paul MN 55106	WNW	0.09 / 451.36	16
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DRYCLEANERS - Registered Dry Cleaning Facilities

A search of the DRYCLEANERS database, dated Aug 20, 2019 has found that there are 2 DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GRAND CLEANERS	1645 WHITE BEAR AVE N SAINT PAUL MN 55106	NNW	0.11 / 600.34	23

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAZEL PARK HARDWARE & SERVICE - ST PAUL	1557 WHITE BEAR AVE N SAINT PAUL MN 55106	SW	0.03 / 137.03	6

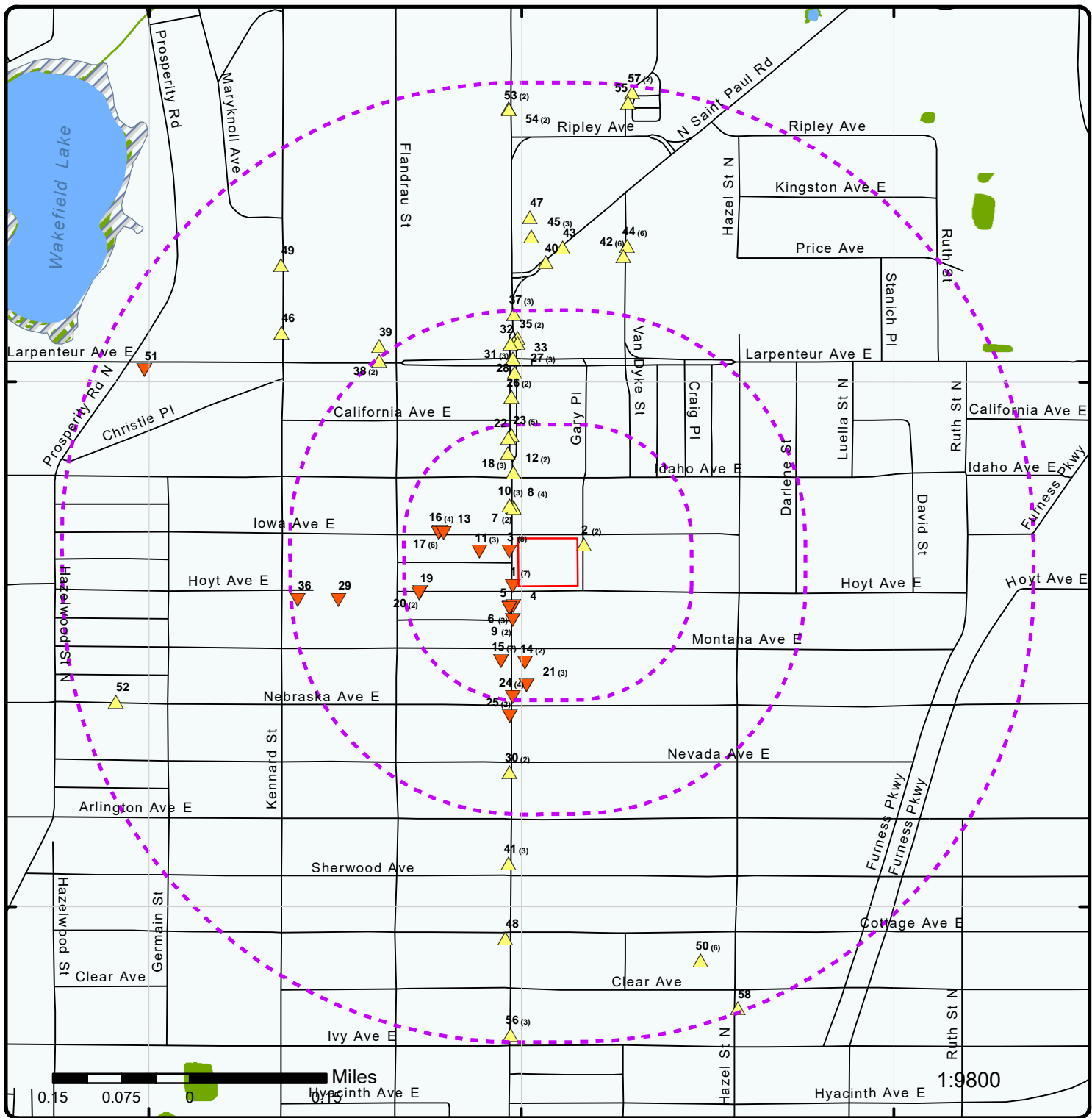


Map: 1.0 Mile Radius

Order Number: 21062900523
 Address: 1590 White Bear Avenue, St. Paul, MN



Buffer Outline	Rails	State Boundary	FWS Special Designation Areas	Plume
Eris Sites with Higher Elevation	Major Highways	National Priority List Sites	State Brownfield Sites	
Eris Sites with Same Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas	
Eris Sites with Lower Elevation	Major Roads	Indian Reserve Land	State Superfund Areas: Dept. of Defense	
Eris Sites with Unknown Elevation	Major Roads Ramps	100 Year Flood Zone	State Superfund Areas: NPL	
County Boundary	Secondary Roads	500 Year Flood Zone	WQARF Areas	
	Secondary Roads Ramps	Historic Fill	Federal Lands: Dept. of Defense (owned/administered areas)	
	Local Roads and Ramps			

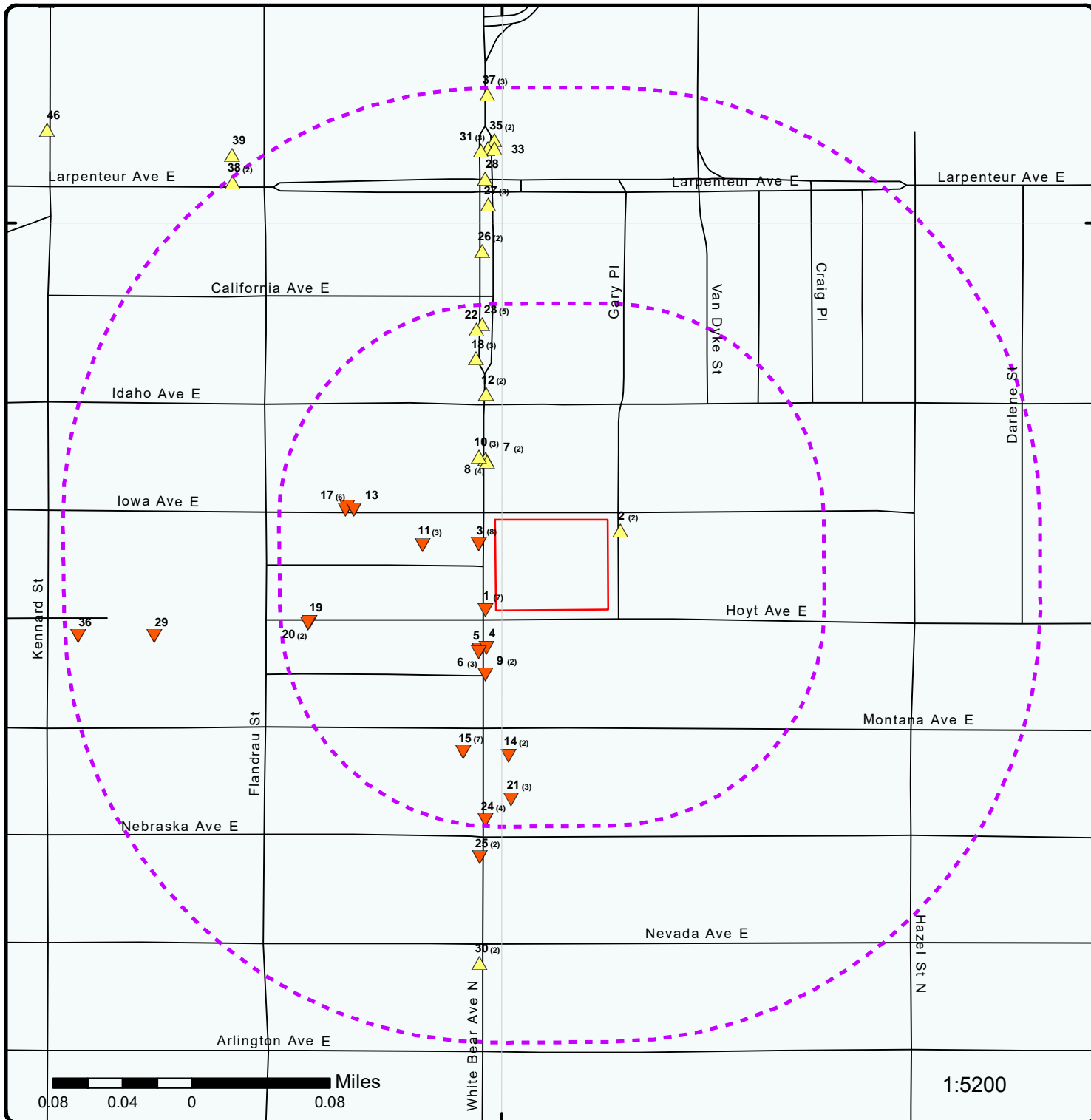


Map: 0.5 Mile Radius

Order Number: 21062900523
Address: 1590 White Bear Avenue, St. Paul, MN



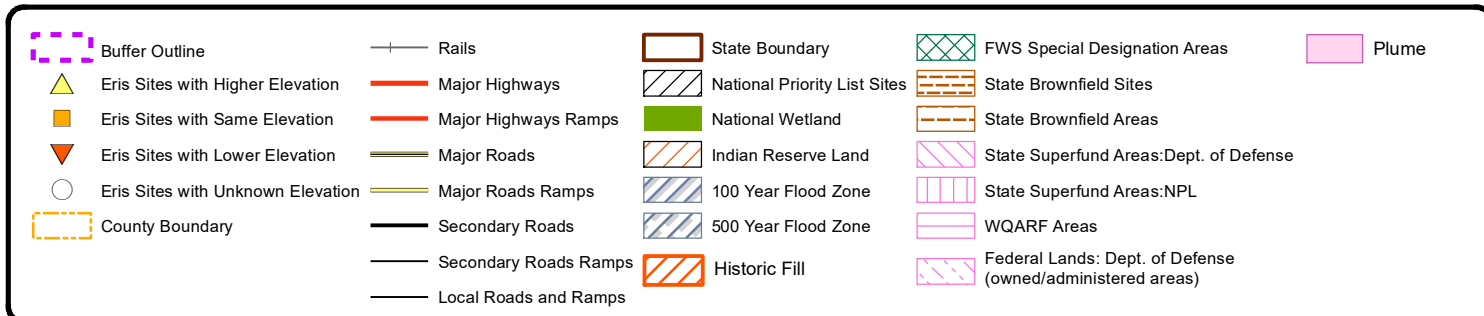
	Buffer Outline		Rails		State Boundary		FWS Special Designation Areas		Plume
	Eris Sites with Higher Elevation		Major Highways		National Priority List Sites		State Brownfield Sites		
	Eris Sites with Same Elevation		Major Highways Ramps		National Wetland		State Brownfield Areas		
	Eris Sites with Lower Elevation		Major Roads		Indian Reserve Land		State Superfund Areas: Dept. of Defense		
	Eris Sites with Unknown Elevation		Major Roads Ramps		100 Year Flood Zone		State Superfund Areas: NPL		
	County Boundary		Secondary Roads		500 Year Flood Zone		WQARF Areas		
			Secondary Roads Ramps		Historic Fill		Federal Lands: Dept. of Defense (owned/administered areas)		
			Local Roads and Ramps						



Map: 0.25 Mile Radius

Order Number: 21062900523

Address: 1590 White Bear Avenue, St. Paul, MN



93°2'W

93°1'30"W

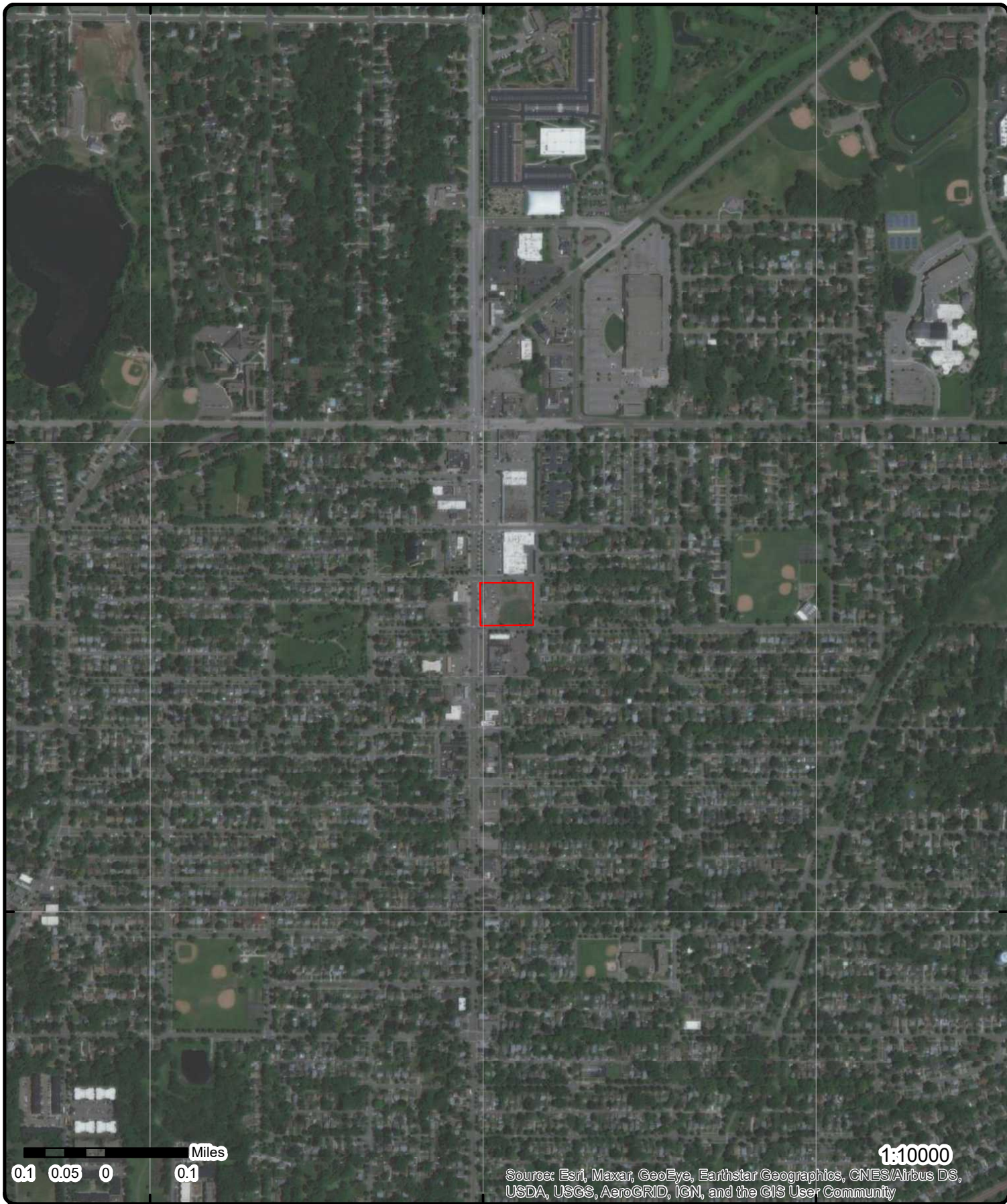
93°1'W

44°59'30"N

44°59'30"N

44°59'N

44°59'N



0.1 0.05 0 0.1 Miles

1:10000
 Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2020

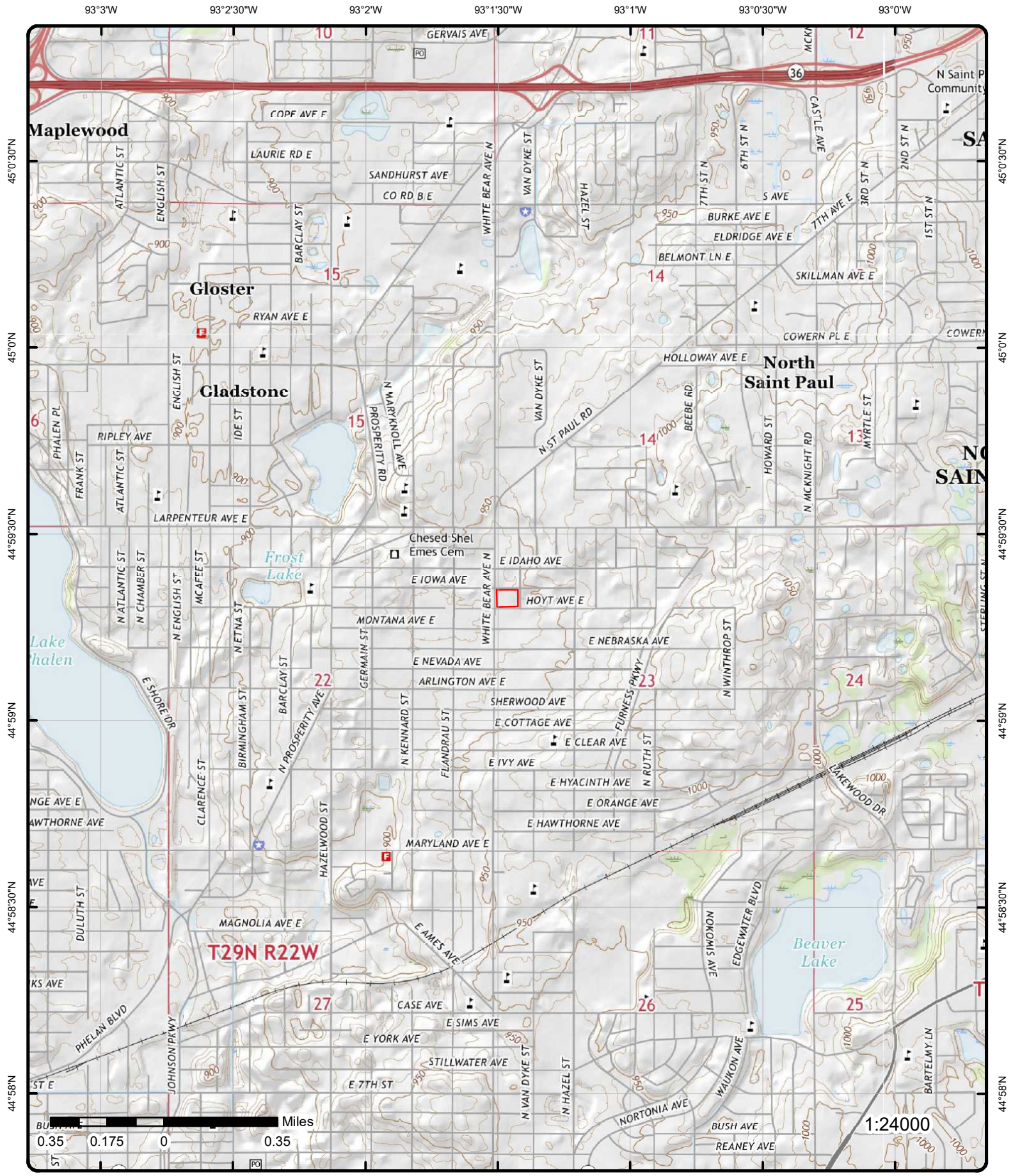
Address: 1590 White Bear Avenue, St. Paul, MN

Source: ESRI World Imagery

Order Number: 21062900523



© ERIS Information Inc.



Topographic Map Year: 2016

Order Number: 21062900523

Address: 1590 White Bear Avenue, MN



Quadrangle(s): Lake Elmo, MN; Saint Paul East, MN; White Bear Lake West, MN; White Bear Lake East, MN

Source: USGS Topographic Map

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 7	WSW	0.01 / 31.93	930.35 / -4	HILLCREST ENTERTAINMENT CENTER 1560 WHITE BEAR AVE N ST. PAUL MN 55106	RCRA NON GEN

EPA Handler ID: MNR000053769
Gen Status Universe: No Report
Contact Name: TOM LEHMAN
Contact Address: PO BOX 40592 , , ST. PAUL , MN, 55104 , US
Contact Phone No and Ext: 651-776-2704
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 19970811
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970811
Handler Name: HILLCREST ENTERTAINMENT CENTER
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D005				
Waste Code Description:		BARIUM				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D018				
Waste Code Description:		BENZENE				

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 40592
Name:	HILLCREST ENTERTAINMENT CENTER	Street 2:	
Date Became Current:	19990726	City:	ST. PAUL
Date Ended Current:	20011107	State:	MN
Phone:	651-776-2704	Country:	US
Source Type:	Notification	Zip Code:	55104

<u>1</u>	2 of 7	WSW	0.01 / 31.93	930.35 / -4	HILLCREST ENTERTAINMENT CENTER 1560 WHITE BEAR AVE N ST. PAUL MN 55106	FINDS/FRS
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Registry ID: 110003915238
FIPS Code: 27123
HUC Code: 07010206
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 02-JUN-16
Interest Types: STATE MASTER, UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 04
Census Block Code: 271230307032000
EPA Region Code: 05
County Name: RAMSEY
US/Mexico Border Ind:
Latitude: 44.98833
Longitude: -93.02523
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110003915238
Program Acronyms:

MN-TEMPO:29395, RCRAINFO:MNR000053769

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	3 of 7	WSW	0.01 / 31.93	930.35 / -4	Haffners Resteraunt 1560 White Bear Ave N St. Paul MN 55106	HIST LEAKSITES

Prog Int ID:	215253	Address Source:	CORE
Site ID:	241152	Township Name:	White Bear
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	129760
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	41433	Lat Degrees:	44
Tank Site:	2453	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	18.21
Interest Start Dt:	07/22/1997 00:00:00	Long Degrees:	-93
Interest End Dt:	01/16/2009 15:56:14	Long Minutes:	1
Active?:	No	Long Seconds:	30.68
Timestamp Added:	11/13/2006 08:31:54	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:06	Lat/Long Site ID:	241152
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	51737158
Source:	CORE	Collection Date:	03/29/2010 19:07:34
Coord Src Type:		Map Scale Code:	
Coord Src Desc:		Org Name Source:	
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	05/13/1999 13:38:25		
Addr Timestamp Lst Updt:	08/01/2007 21:43:51		
Addr Updater Staff ID:	SYSTEM		
Lat/Long Timestamp Added:	11/13/2006 08:32:05		
Lat/Long Tmstmp Last Upd:	03/29/2010 19:32:39		
Lat/Long Updater Staff ID:	MAPT_NC		
Lat/Long Desc:			
Coord Coll Method Desc:	Address Matching House Number		
Coord Coll Method Code:	A1		
Comments:			

Leak Site

Complete Site Closure Date: 01/17/1995 00:00:00
Cond Closure Date:
Release Discovered Date:
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 04/20/1990 00:00:00
Tank Reg Status Code: F
TMSP Added: 12/04/1999 14:03:44
TMSP Last Updt: 05/04/2002 09:07:39
CU Yds Excavated Qty: 0
ENF Action Begin Date: 05/03/1990 00:00:00
Residence Type Code:
File Archive Box: 30
File Archive Lot: 97/296
Soil Digout Date:
Staff ID Last Updt: TANKS
Std Letter Response Date:
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: Yes
Offsite Contam Flag: Y
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: No
Soil Gas Action Level Flag:
Soil Gas Data Collected Flag:
Sub Slab Sample Collected Flag:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Surface Water Impact Flag: N
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag:
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments:
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 402186
Leak Product Desc: Gasoline, Type Unknown
Leak Product Defn: The product is an unknown type of gasoline.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: RSUCHAN
Staff ID Wellhead Area Assess:
TMSP Added: 12/04/1999 14:07:28
TMSP Last Updt: 11/04/2003 12:57:06
Water Supply Exceeds Ral Flag: No
Cleanup Goal Achieved Flag:
DW Supply Contam Flag: N
Free Product at Close Flag:
Free Product Observed Flag: N
Free Product Thickness: 0
Ground Water Contam Flag: Y
GW Cleanup Goal: 100
GW Exceeds Cleanup Goal Flag: No
Impacted Aquifer Code: 3
MTBE High Level Date:
MTBE High Ug Per Liter Char:
MTBE High Ug Per Liter Numb:
MTBE Present Historically Flag:
MTBE Present Now Flag:
Protected Area Flag:
PWS Well Impacted Flag:
Sensitive Area Flag:

Leak Cleanup Act

Leak Action Seq ID: 330810	Product Rcvred Gal:
Leak Action Desc: CAD Monitoring	Product Rmved Gal:
Leak Action Apprv Dt:	Treated Water Gal:
Leak Action Begin Dt: 06/26/1990 00:00:00	Corrective Rsn Cd:
Leak Action End Dt: 06/01/1994 00:00:00	

<u>1</u>	4 of 7	WSW	0.01 / 31.93	930.35 / -4	Haffners Resteraunt 1560 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID: 194045-AISI0000194045	County Code: 123
Agency Interest ID: 194045	County: Ramsey
Status: Active	CTU Code: 239651
Status Dat:	CTU Name: Saint Paul
Document ID: 0	Congress District Cd: 4
Program: PR	House District: 67A
MPCA Program Desc: Petroleum Remediation	Senate District: 67
Subject Item Type: CON	HUC8: 07010206
Subject Item Ctgry: AISI	HUC8 Name: Mississippi River - Twin Cities

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Subject Item ID:	194045				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	25-Apr-2016				PLS Range:	
Tmsp Creat:	13-Nov-2006				PLS Range Direction:	
User Creat:	DELTA_M_R2				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9883941	
Spatial ID:	51737157				Longitude: -93.0251909	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

<u>1</u>	5 of 7	WSW	0.01 / 31.93	930.35 / -4	Hillcrest Entertainment Center 1560 White Bear Ave N Saint Paul MN 55106	MPCA AI
Item ID:	29395-AISI0000029395				County Code: 123	
Agency Interest ID:	29395				County: Ramsey	
Status:	Inactive				CTU Code: 239651	
Status Dat:	11/7/2001				CTU Name: Saint Paul	
Document ID:	0				Congress District Cd: 4	
Program:	HW				House District: 67A	
MPCA Program Desc:	Hazardous Waste				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgry:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	29395				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	07-Apr-2016				PLS Range:	
Tmsp Creat:	26-Jul-1999				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9883925	
Spatial ID:	22167				Longitude: -93.0251048	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

<u>1</u>	6 of 7	WSW	0.01 / 31.93	930.35 / -4	HAFFNERS RESTERAUNT 1560 WHITE BEAR AVE N SAINT PAUL MN 55106	FINDS/FRS
Registry ID:	110068304016					
FIPS Code:	27123					
HUC Code:	07010206					
Site Type Name:	STATIONARY					
Location Description:						
Supplemental Location:						
Create Date:	02-JUN-16					
Update Date:						
Interest Types:	STATE MASTER					
SIC Codes:						
SIC Code Descriptions:						
NAICS Codes:						
NAICS Code Descriptions:						
Conveyor:	FRS-GEOCODE					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 04
Census Block Code: 271230307032000
EPA Region Code: 05
County Name: RAMSEY
US/Mexico Border Ind:
Latitude: 44.98833
Longitude: -93.02523
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110068304016
Program Acronyms:
 MN-TEMPO:194045

<u>1</u>	7 of 7	WSW	0.01 / 31.93	930.35 / -4	Haffners Resteraunt 1560 White Bear Ave N Saint Paul MN	LST REM SITE
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Item ID:	194045-AREA0000000001	Federal Re:	Yes
Project ID:	LS0002453	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98836131
Petrol Brownfield?:		Longitude:	-93.02515232
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Haffners Resteraunt		
Site Address 1:	1560 White Bear Ave N		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Dawn Duncanson-Davison (no longer at MPCA)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	194045	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Haffners Resteraunt		
Loc Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Method Des: Address Matching House Number
Huc8 Name: Mississippi River - Twin Cities
Huc12 Name: Lake Phalen
Hydrologis: John Kaehler (no longer at MPCA)
WIMN Uri: https://webapp.pca.state.mn.us/wimn/site/194045

Spatial Remediation Activity

AI ID:	194045	Site Start:	20-Apr-1990
Site ID:	LS0002453	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	17-Jan-1995	NPL List:	
Leak Discovered:		NPL Delete:	
Leak Reported:	20-Apr-1990	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19900001	FF Approved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1990	App Comple:	
Discovered:		Er Site Ev:	

<u>2</u>	1 of 2	ENE	0.01 / 38.50	945.09 / 11	Xcel Energy 1590 Gary Place St. Paul MN	HIST SPL
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Program Int ID:	63373219	Tmsp Added:	07/09/2012 14:43:47
Site ID:	0	TMSP Update:	07/09/2012 14:43:47
Interest Type:	Spill Site	Prgm Int Source:	TALES
Preferred ID:	84471	Address Source:	TALES
Active?:		Interest Phone:	
Interest Start:	07/09/2012 14:43:47	Township:	
Interest End:		County:	Ramsey
Comments:	Vehicle accident where a semi truck hit a pole and brought down two transformers. They are sending out a clean up crew now.		

Spill Site

Spill Site Closure Date: 07/09/2012 00:00:00
Spill Date: 06/17/2012 00:00:00
Spill Reported Date: 06/17/2012 12:16:47
Priority Code:
MPCA Involvement: None
Initial Cause:
Initial Source: Transformers
Public Safety Spill ID: 35664
Duty Officer Report Number: 126874
Spill Reported by: Graham
Report Taken By Initials: 10615
Rpt Taken by Duty Officer Flag:
MPCA Project Manager: 10615
Tmsp Added: 07/09/2012 14:43:47
Tmsp Last Updt: 07/09/2012 14:43:47
Staff ID Last Updt: LYANTAC
Rep Name: Graham
Rep Phone: 8004518346
Archive Lot:
Archive Box:
Response Desc:

Spill Released Product

Spill Product: Mineral Oil

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Spill Released Quantity: 5
Spill Qty Units: Gallons
Spill Incident Accuracy: Estimated
Date Added: 07/09/2012 14:43:47
Last Update: 07/09/2012 14:43:47
Staff ID Last Update: LYANTAC

Spill Incident Affected

Spill Incident Affect: Street or Highway
Date Added: 07/09/2012 14:43:47
Last Update: 07/09/2012 14:43:47
Staff ID Last Update: LYANTAC

2	2 of 2	ENE	0.01 / 38.50	945.09 / 11	Xcel Energy 1590 Gary Place MN Saint Paul MN	SPILLS
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Incident ID:	84471	AI ID Source:	
Incident Status:	Closed or Completed	Source Address:	
Incident Type:	Transformer	Source City:	
Incident Date:	6/17/2012	Source State:	
Program:	Emergency Response	Source Zip:	
Closure Type:	Response/Action Completed	Latitude:	
County:	Ramsey	Longitude:	
Coord Method:			
Location:	1590 Gary Place MN		

**Note: Many records provided by the department have a truncated LOCATION field.

Lead Investigator and Duty Officer

Substances: 5 gallons Mineral Oil
Duty Officer No: 126874
Lead Investigator: Lisa McMahan

3	1 of 8	W	0.01 / 49.36	932.11 / -2	WAYNE'S AUTO & TIRE 1581 WHITE BEAR AVE N ST. PAUL MN 55106	RCRA VSQG
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EPA Handler ID: MND982213001
Gen Status Universe: VSG
Contact Name: WAYNE ANDERSON
Contact Address: 1581 WHITE BEAR AVE N , , ST. PAUL , MN, 55106 , US
Contact Phone No and Ext: 651-771-0302
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20050509
Location Latitude: 44.988903
Location Longitude: -93.025719

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Transporter Activity:		No				
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20050509
Handler Name: WAYNE'S AUTO & TIRE
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20070501
Handler Name: WAYNE'S AUTO & TIRE
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: X001
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind: Current Owner

Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1: 1581 WHITE BEAR AVE N	
Name:	WAYNE'S AUTO & TIRE				Street 2:	
Date Became Current:	19990726				City: ST. PAUL	
Date Ended Current:					State: MN	
Phone:	651-771-0302				Country: US	
Source Type:	Notification				Zip Code: 55106	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: 4258 VALLEY FORGE PL	
Name:	ANDERSON WAYNE				Street 2:	
Date Became Current:					City: EAGAN	
Date Ended Current:					State: MN	
Phone:	612-454-8715				Country:	
Source Type:	Notification				Zip Code: 55123	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1: 1581 WHITE BEAR AVE N	
Name:	WAYNE'S AUTO & TIRE				Street 2:	
Date Became Current:	19990726				City: ST. PAUL	
Date Ended Current:					State: MN	
Phone:	651-771-0302				Country: US	
Source Type:	Notification				Zip Code: 55106	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1: ADDRESS NOT REPORTED	
Name:	NAME NOT REPORTED				Street 2:	
Date Became Current:					City: CITY NOT REPORTED	
Date Ended Current:					State: AK	
Phone:	312-555-1212				Country:	
Source Type:	Notification				Zip Code: 99998	

Historical Handler Details

Receive Dt: 20070501
Generator Code Description: Very Small Quantity Generator
Handler Name: WAYNE'S AUTO & TIRE

3 2 of 8 **W** 0.01 / 49.36 932.11 / -2 **HILLCREST CERTIFIED AUTO SERVICE** **FINDS/FRS**
1581 WHITE BEAR AVE N
SAINT PAUL MN 55106

Registry ID: 110003816737
FIPS Code: 27123
HUC Code: 07010206
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 03-JUN-16
Interest Types: CESQG, STATE MASTER
SIC Codes: 7532, 7538
SIC Code Descriptions: GENERAL AUTOMOTIVE REPAIR SHOPS, TOP, BODY, AND UPHOLSTERY REPAIR SHOPS AND PAINT SHOPS
NAICS Codes: 811111, 811121
NAICS Code Descriptions: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE., GENERAL AUTOMOTIVE REPAIR.
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 04
Census Block Code: 271230307031011
EPA Region Code: 05
County Name: RAMSEY
US/Mexico Border Ind:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude:		44.988814				
Longitude:		-93.02523				
Reference Point:		ENTRANCE POINT OF A FACILITY OR STATION				
Coord Collection Method:		ADDRESS MATCHING-HOUSE NUMBER				
Accuracy Value:		50				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110003816737				
Program Acronyms:						

MN-TEMPO:29393, RCRAINFO:MND982213001

<u>3</u>	3 of 8	W	0.01 / 49.36	932.11 / -2	Amoco Ss# 8558 (mckinnon) 1581 White Bear Ave N St. Paul MN 55106	HIST LEAKSITES
Prog Int ID:	213359				Address Source: CORE	
Site ID:	181994				Township Name: Fort Snelling	
State County Code:	62				County Name: Ramsey	
Country:	USA				Lat/Long ID: 120941	
Interest Type Cd:	LS				Interest Type Dsc: Leak Site	
ADDR ID:	41431				Lat Degrees: 44	
Tank Site:	388				Lat Minutes: 59	
Interest Phone:	NO CORE PI PH.				Lat Seconds: 20.21	
Interest Start Dt:	07/28/1997 11:51:02				Long Degrees: -93	
Interest End Dt:	01/16/2009 15:56:28				Long Minutes: 1	
Active?:	No				Long Seconds: 32.07	
Timestamp Added:	03/23/2006 13:20:36				Lat/Long Source: CORE	
Timestamp Updt:	11/10/2014 08:17:05				Lat/Long Site ID: 181994	
Staff ID Updt:	RGAGLE				Lat/Long Spatial ID: 51063257	
Source:	CORE				Collection Date: 03/13/2012 09:47:48	
Coord Src Type:					Map Scale Code:	
Coord Src Desc:					Org Name Source:	
Foreign State:					Foreign Zone:	
FIPS County Cd1:	123					
Addr Timestamp Add:		05/13/1999 13:38:25				
Addr Timestamp Lst Updt:		08/01/2007 21:43:51				
Addr Updater Staff ID:		SYSTEM				
Lat/Long Timestamp Added:		03/23/2006 13:21:04				
Lat/Long Tmstmp Last Upd:		03/13/2012 09:47:48				
Lat/Long Updater Staff ID:		MAPTOOL				
Lat/Long Desc:						
Coord Coll Method Desc:		Digitized - Map Tool				
Coord Coll Method Code:		DM				
Comments:		Confidential file exists.				

Leak Site

Complete Site Closure Date:	08/12/1997 00:00:00
Cond Closure Date:	
Release Discovered Date:	11/05/1981 00:00:00
Leaksite Type Code:	1
Leaksite Type Desc:	Leak Site
Leak Report Date:	07/31/1987 00:00:00
Tank Reg Status Code:	F
TMSP Added:	12/04/1999 14:03:43
TMSP Last Updt:	08/18/2014 10:12:48
CU Yds Excavated Qty:	23
ENF Action Begin Date:	01/01/1901 00:00:00
Residence Type Code:	
File Archive Box:	09
File Archive Lot:	00/222
Soil Digout Date:	06/02/1994 00:00:00
Staff ID Last Updt:	DBOETTC
Std Letter Response Date:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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VPIC Acres:
 VPIC Application Date:
 Contam Soils Remaining Flag: Y
 Indoor Air Collected Flag:
 LUST Trust Eligible Flag: Yes
 Offsite Contam Flag: Y
 REIMB Awarded Flag: No
 Release From AST Flag: No
 Release From UST Flag: No
 Soil Gas Action Level Flag:
 Soil Gas Data Collected Flag:
 Sub Slab Sample Collected Flag:
 Surface Water Impact Flag: U
 Utility Project Flag: No
 Vapor Intrusion Action Flag:
 Vapor Intrusion Checked Flag:
 Leaksite Type Defn: Leak site (tank and petroleum contamination).
 Soil Gas Data Comments:
 Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 325768
 Leak Product Desc: Gasoline, Type Unknown
 Leak Product Defn: The product is an unknown type of gasoline.

Leak GW Info

Well Type Code:
 Affected Non Res Props:
 Affected Residential Props:
 Staff ID Last Updt: RSUCHAN
 Staff ID Wellhead Area Assess:
 TMSP Added: 12/04/1999 14:07:26
 TMSP Last Updt: 11/04/2003 12:57:06
 Water Supply Exceeds Ral Flag:
 Cleanup Goal Achieved Flag:
 DW Supply Contam Flag:
 Free Product at Close Flag:
 Free Product Observed Flag:
 Free Product Thickness:
 Ground Water Contam Flag: Y
 GW Cleanup Goal: 0
 GW Exceeds Cleanup Goal Flag:
 Impacted Aquifer Code:
 MTBE High Level Date:
 MTBE High Ug Per Liter Char:
 MTBE High Ug Per Liter Numb:
 MTBE Present Historically Flag:
 MTBE Present Now Flag:
 Protected Area Flag:
 PWS Well Impacted Flag:
 Sensitive Area Flag:

3	4 of 8	W	0.01 / 49.36	932.11 / -2	Former Hillcrest Auto 1581 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	187055-AISI0000187055	County Code:	123
Agency Interest ID:	187055	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program:	PR				House District: 67A	
MPCA Program Desc:	Petroleum Remediation				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgr:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	187055				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	CEN				DWSMA Name:	
Ref Desc:	Center of Feature Represented				TRDSQQ:	
Verified:	Yes				PLS Township:	
Collection:	09-Jan-2020				PLS Range:	
Tmsp Creat:	23-Mar-2006				PLS Range Direction:	
User Creat:	DELTA_M_R2				PLS Section:	
Tmsp Updt:	03-Feb-2020				PLS Quarters:	
User Updt:	vsetter				Latitude: 44.98894176	
Spatial ID:	51063256				Longitude: -93.02576386	
Method Code:	DM				Method Desc: Digitized - MPCA internal map	
Subject Item Category Desc:	Agency Interest					
Location Description:						

3 5 of 8 W 0.01 / 49.36 932.11 / -2 Hillcrest Certified Auto Service
1581 White Bear Ave N MPCA AI
Saint Paul MN 55106

Item ID:	29393-AISI0000029393	County Code:	123
Agency Interest ID:	29393	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	2/3/2011	CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	29393	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	07-Apr-2016	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9890416
Spatial ID:	22165	Longitude:	-93.0254775
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

3 6 of 8 W 0.01 / 49.36 932.11 / -2 AMOCO SS# 8558 (MCKINNON)
1581 WHITE BEAR AVE N FINDS/FRS
SAINT PAUL MN 55106

Registry ID:	110067812638
FIPS Code:	27123
HUC Code:	07010206
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	02-JUN-16
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SIC Code Descriptions:

NAICS Codes:

NAICS Code Descriptions:

Conveyor:

FRS-GEOCODE

Federal Facility Code:

Federal Agency Name:

Tribal Land Code:

Tribal Land Name:

Congressional Dist No:

04

Census Block Code:

271230307031011

EPA Region Code:

05

County Name:

RAMSEY

US/Mexico Border Ind:

Latitude:

44.988814

Longitude:

-93.02523

Reference Point:

ENTRANCE POINT OF A FACILITY OR STATION

Coord Collection Method:

ADDRESS MATCHING-HOUSE NUMBER

Accuracy Value:

50

Datum:

NAD83

Source:

Facility Detail Rprt URL:

https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110067812638

Program Acronyms:

MN-TEMPO:187055

<u>3</u>	7 of 8	W	0.01 / 49.36	932.11 / -2	Amoco Ss# 8558 (mckinnon) 1581 White Bear Ave N Saint Paul MN	LST REM SITE
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Item ID: 187055-AREA0000000001

Project ID: LS0000388

Project Type: Leak Site

Project ID (RAP):

Project Type (RAP):

Site Status: Closed

Perm List of Prior?:

Petrol Brownfield?:

VIC Site?:

Sf Volunta:

Inst Controls?:

State Reg:

Project Name: Amoco Ss# 8558 (mckinnon)

Site Address 1: 1581 White Bear Ave N

Site Address 2:

Site City: Saint Paul

Site State: MN

Site Zip: 55106

Site County: Ramsey

Project Name(RAP):

Address1 (RAP):

Address2(RAP):

City (RAP):

State (RAP):

Zip (RAP):

Project Ma: Gary Zarling (former)

Data Source: MPCA Remediation Sites

Federal Re: Yes

Fed State:

Non Reg:

SEMS?:

NPL:

Unpermitted Dump?:

Latitude: 44.98892548

Longitude: -93.02571418

County (RAP):

Latitude (RAP):

Longitude (RAP):

Remediation Sites Details

Activity ID: 187055

SI ID: 1

Si Cat: AREA

SI Type: LEAK

Site Type: CON

Acreage: 0

DWSMA Code:

DWSMA Name:

Cong Dist: 4

House Dist: 67A

Senate Dis: 67

HUC 8: 07010206

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
HRS Score:	0			HUC 10:	0701020608	
Score Year:				HUC 12:	070102060803	
AI Name:		Former Hillcrest Auto				
Loc Desc:						
Method Des:		Digitized - MPCA internal map				
Huc8 Name:		Mississippi River - Twin Cities				
Huc12 Name:		Lake Phalen				
Hydrologis:		Mike Bares (former)				
WIMN Uri:		https://webapp.pca.state.mn.us/wimn/site/187055				

Spatial Remediation Activity

AI ID:	187055	Site Start:	31-Jul-1987
Site ID:	LS0000388	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	12-Aug-1997	NPL List:	
Leak Discovered:	05-Nov-1981	NPL Delete:	
Leak Reported:	31-Jul-1987	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19870001	FF Approved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1987	App Comple:	
Discovered:		Er Site Ev:	

<u>3</u>	8 of 8	W	0.01 / 49.36	932.11 / -2	Former Hillcrest Auto 1581 White Bear Ave N Saint Paul MN	LST REM SITE
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Item ID:	187055-AREA0000000002	Federal Re:	
Project ID:	LS0020656	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98894191
Petrol Brownfield?:		Longitude:	-93.02576407
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:	Yes		
Project Name:	Former Hillcrest Auto		
Site Address 1:	1581 White Bear Ave N		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Gary Zarling (former), Ryan Lundgren (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	187055	DWSMA Code:	
SI ID:	2	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Type:	CON				Senate Dis:	67
Acreage:	0				HUC 8:	07010206
HRS Score:	0				HUC 10:	0701020608
Score Year:					HUC 12:	070102060803
AI Name:		Former Hillcrest Auto				
Loc Desc:						
Method Des:		Digitized - MPCA internal map				
Huc8 Name:		Mississippi River - Twin Cities				
Huc12 Name:		Lake Phalen				
Hydrologis:		Victor Henao (former)				
WIMN Url:		https://webapp.pca.state.mn.us/wimn/site/187055				

Spatial Remediation Activity

AI ID:	187055	Site Start:	04-Apr-2018
Site ID:	LS0020656	Remedy Imp:	
SI ID:	2	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	30-Jan-2020	NPL List:	
Leak Discovered:	04-Apr-2018	NPL Delete:	
Leak Reported:	04-Apr-2018	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW20180001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2018	App Comple:	
Discovered:		Er Site Ev:	

4 1 of 1 SW 0.02 / 118.20 930.40 / -4 INSTY PRINTS 1552 WHITE BEAR AVE ST PAUL MN 55106 RCRA VSQG

EPA Handler ID:	MND985708064
Gen Status Universe:	VSG
Contact Name:	DENNIS NELSON
Contact Address:	1552 WHITE BEAR AVE , , ST PAUL , MN, 55106 , US
Contact Phone No and Ext:	612-778-1122
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	19910624
Location Latitude:	44.987877
Location Longitude:	-93.024473

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19910624
 Handler Name: INSTY PRINTS
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE
 Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1552 WHITE BEAR AVE
Name:	NELSON DENNIS AND WITTER BRUCE	Street 2:	
Date Became Current:		City:	ST PAUL
Date Ended Current:		State:	MN
Phone:	612-778-1122	Country:	
Source Type:	Notification	Zip Code:	55106

5	1 of 1	SW	0.02 / 130.23	930.70 / -4	HAZEL PARK HARDWARE & SERVICE - ST PAUL 1557 WHITE BEAR AVENUE SAINT PAUL MN 55106	FED DRYCLEANERS
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FRS Facility ID: 110003798784
 NPDES IDs:
 NAICS Codes: 81232
 SIC Codes:
 Latitude: 44.988266
 Longitude: -93.02523

6	1 of 3	SW	0.03 / 137.03	930.70 / -4	HAZEL PARK HARDWARE & SERVICE - ST PAUL 1557 WHITE BEAR AVE N ST. PAUL MN 55106	RCRA NON GEN
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EPA Handler ID: MND981094634
 Gen Status Universe: No Report
 Contact Name: ED MCCABE
 Contact Address: 1557 WHITE BEAR AVE N , , ST. PAUL , MN, 55106 , US
 Contact Phone No and Ext: 651-778-3045
 Contact Email:
 Contact Country: US
 County Name: RAMSEY
 EPA Region: 05
 Land Type: Private
 Receive Date: 20051025
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020305
Handler Name: HAZEL PARK HARDWARE & SERVICE - ST PAUL
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20051025
Handler Name: HAZEL PARK HARDWARE & SERVICE - ST PAUL
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Owner/Operator Details

Owner/Operator Ind: Current Operator **Street No:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type:	Private	Street 1:	ADDRESS NOT REPORTED	
Name:	NAME NOT REPORTED	Street 2:		
Date Became Current:		City:	CITY NOT REPORTED	
Date Ended Current:		State:	AK	
Phone:	312-555-1212	Country:		
Source Type:	Notification	Zip Code:	99998	

Owner/Operator Ind:	Current Operator	Street No:		
Type:	Private	Street 1:	1812 MELODY LN	
Name:	MCCABE & SONS LLC	Street 2:		
Date Became Current:	19990726	City:	BURNSVILLE	
Date Ended Current:	20051027	State:	MN	
Phone:	651-778-3045	Country:	US	
Source Type:	Notification	Zip Code:	55337	

Historical Handler Details

Receive Dt:	20020305
Generator Code Description:	Not a Generator, Verified
Handler Name:	HAZEL PARK HARDWARE & SERVICE - ST PAUL

<u>6</u>	2 of 3	SW	0.03 / 137.03	930.70 / -4	Hazel Park Hardware & Service - St Paul 1557 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	22764-AISI0000022764	County Code:	123
Agency Interest ID:	22764	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	10/27/2005	CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	22764	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9883353
Spatial ID:	21348	Longitude:	-93.0254859
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

<u>6</u>	3 of 3	SW	0.03 / 137.03	930.70 / -4	HAZEL PARK HARDWARE & SERVICE - ST PAUL 1557 WHITE BEAR AVE N SAINT PAUL MN 55106	DRYCLEANERS
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County:	RAMSEY
AI ID:	22764
NAIC Code:	812320
NAIC Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Region Description:	MPCA METRO REGION
Waste Actd:	
Sic Description:	DRYCLEANING PLANTS, EXCEPT RUG CLEANING
Status Date:	10/27/2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status Description: INACTIVE
Hw Pref ID: MND981094634
Waste Actc:
Sic Code: 7216

Alternate ID

Alternate AI ID: MND981094634
Alternate AI ID User Group Description: HAZARDOUS WASTE PREFERRED ID
Status Date: 10/27/2005
Status Description: INACTIVE / RETIRED

Contact Details

AI Relation: THIS AI HAS HAZARDOUS WASTE NOTIFICATION CONTACT OF
Current Contact: ED MCCABE
Email Telecom:
Office Phone No: 651-778-3045
Contact Mail Address: 1557 White Bear Ave N
 Saint Paul, MN 55106
Relationship Code: IJ
Status Date: 10/27/2005
Status Description: INACTIVE / RETIRED

7	1 of 2	NW	0.03 / 179.88	939.40 / 5	BIG WHEEL ROSSI 1620 White Bear Ave St. Paul MN	HIST SPL
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Program Int ID:	170882	Tmsp Added:	03/21/1996 00:00:00
Site ID:	0	TMSP Update:	05/04/2002 06:41:17
Interest Type:	Spill Site	Prgm Int Source:	TALES
Preferred ID:	12343	Address Source:	TALES
Active?:		Interest Phone:	
Interest Start:	03/21/1996 00:00:00	Township:	
Interest End:		County:	Ramsey
Comments:			

Spill Site

Spill Site Closure Date: 01/01/1996 00:00:00
Spill Date:
Spill Reported Date: 10/17/1989 00:00:00
Priority Code: 4
MPCA Involvement:
Initial Cause: DUMPING
Initial Source:
Public Safety Spill ID:
Duty Officer Report Number:
Spill Reported by: ANONYMOUS
Report Taken By Initials: 3236
Rpt Taken by Duty Officer Flag:
MPCA Project Manager: 4124
Tmsp Added: 03/21/1996 00:00:00
Tmsp Last Updt: 04/11/2007 08:22:51
Staff ID Last Updt: RSUCHAN
Rep Name:
Rep Phone:
Archive Lot:
Archive Box:
Response Desc:

Spill Released Product

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Spill Product:		Petroleum, Unspecified				
Spill Released Quantity:		0				
Spill Qty Units:		Unknown				
Spill Incident Accuracy:		Unknown				
Date Added:		03/21/1996 00:00:00				
Last Update:		05/04/2002 06:41:17				
Staff ID Last Update:		TANKS				

7 2 of 2 **NW** 0.03 / 179.88 939.40 / 5 **BIG WHEEL ROSSI
1620 White Bear Ave MN
Saint Paul MN** **SPILLS**

Incident ID:	12343	AI ID Source:	
Incident Status:	Closed or Completed	Source Address:	
Incident Type:	Spill or Release	Source City:	
Incident Date:	1/1/1996	Source State:	
Program:	Emergency Response	Source Zip:	
Closure Type:		Latitude:	
County:	Ramsey	Longitude:	
Coord Method:			
Location:	1620 White Bear Ave MN		

**Note: Many records provided by the department have a truncated LOCATION field.

Lead Investigator and Duty Officer

Substances: 0 unknown units Petroleum Other
Duty Officer No:
Lead Investigator: Rebecca Lofgren

8 1 of 4 **NW** 0.04 / 188.30 938.68 / 4 **Hillcrest Shopping Center
1600 White Bear Ave N
St. Paul MN 55106** **HIST
LEAKSITES**

Prog Int ID:	225116	Address Source:	CORE
Site ID:	247282	Township Name:	White Bear
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	133644
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	272087	Lat Degrees:	44
Tank Site:	12735	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	23.07
Interest Start Dt:	06/30/1999 09:01:57	Long Degrees:	-93
Interest End Dt:	01/08/2001 00:00:00	Long Minutes:	1
Active?:	No	Long Seconds:	27.16
Timestamp Added:	12/01/2006 07:16:55	Lat/Long Source:	CORE
Timestamp Updt:	03/19/2013 13:26:55	Lat/Long Site ID:	247282
Staff ID Updt:	RSUCHAN	Lat/Long Spatial ID:	51841741
Source:	CORE	Collection Date:	05/27/2008 12:53:57
Coord Src Type:		Map Scale Code:	
Coord Src Desc:		Org Name Source:	
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	12/01/2006 07:16:36		
Addr Timestamp Lst Updt:	02/05/2009 12:48:47		
Addr Updater Staff ID:	BOLSON1		
Lat/Long Timestamp Added:	12/01/2006 07:17:06		
Lat/Long Tmstmp Last Upd:	05/27/2008 12:53:57		
Lat/Long Updater Staff ID:	MAPTOOL		
Lat/Long Desc:			
Coord Coll Method Desc:	Digitized - Map Tool		
Coord Coll Method Code:	DM		
Comments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Leak Site

Complete Site Closure Date: 01/08/2001 00:00:00
Cond Closure Date:
Release Discovered Date: 06/23/1999 00:00:00
Leaksite Type Code: 3
Leaksite Type Desc: Both Leak/PBP Site
Leak Report Date: 06/23/1999 00:00:00
Tank Reg Status Code: U
TMSP Added: 12/04/1999 14:03:53
TMSP Last Updt: 03/26/2014 13:43:42
CU Yds Excavated Qty:
ENF Action Begin Date: 06/28/1999 00:00:00
Residence Type Code:
File Archive Box:
File Archive Lot:
Soil Digout Date:
Staff ID Last Updt: DBOETTC
Std Letter Response Date: 03/06/2000 00:00:00
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: No
Offsite Contam Flag: U
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: No
Soil Gas Action Level Flag:
Soil Gas Data Collected Flag:
Sub Slab Sample Collected Flag:
Surface Water Impact Flag: U
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag:
Leaksite Type Defn: Both leak and a PBP site.
Soil Gas Data Comments:
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 36222
Leak Product Desc: Fuel Oil 1 & 2
Leak Product Defn: The product is fuel oil 1 & 2.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: RSUCHAN
Staff ID Wellhead Area Assess:
TMSP Added: 12/04/1999 14:07:36
TMSP Last Updt: 11/04/2003 12:57:08
Water Supply Exceeds Ral Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag: N
Free Product at Close Flag:
Free Product Observed Flag:
Free Product Thickness:
Ground Water Contam Flag: Y
GW Cleanup Goal: 0
GW Exceeds Cleanup Goal Flag:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Impacted Aquifer Code:
 MTBE High Level Date:
 MTBE High Ug Per Liter Char:
 MTBE High Ug Per Liter Numb:
 MTBE Present Historically Flag:
 MTBE Present Now Flag:
 Protected Area Flag:
 PWS Well Impacted Flag:
 Sensitive Area Flag:

<u>8</u>	2 of 4	NW	0.04 / 188.30	938.68 / 4	Dollar Tree 04713 1600 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	143769-AISI0000143769	County Code:	123
Agency Interest ID:	143769	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	143769	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	07-May-2014	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9892876
Spatial ID:	6806643	Longitude:	-93.0251617
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

<u>8</u>	3 of 4	NW	0.04 / 188.30	938.68 / 4	Hillcrest Shopping Center 1600 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	189859-AISI0000189859	County Code:	123
Agency Interest ID:	189859	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	PR	House District:	67A
MPCA Program Desc:	Petroleum Remediation	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	189859	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	25-Apr-2016	PLS Range:	
Tmsp Creat:	01-Dec-2006	PLS Range Direction:	
User Creat:	DELTA_M_R2	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9897427
Spatial ID:	51841740	Longitude:	-93.0242137

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Method Code: DM					Method Desc: Digitized - MPCA internal map	
Subject Item Category Desc:		Agency Interest				
Location Description:						

8	4 of 4	NW	0.04 / 188.30	938.68 / 4	Hillcrest Shopping Center 1600 White Bear Ave N Saint Paul MN	LST REM SITE
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Item ID:	189859-AREA0000000001	Federal Re:	
Project ID:	LS0012735	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98974499
Petrol Brownfield?:		Longitude:	-93.02421378
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Hillcrest Shopping Center		
Site Address 1:	1600 White Bear Ave N		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Jim McCann (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	189859	DWSMA Code:	
SI ID:	1	DWSMA Name:	
SI Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Hillcrest Shopping Center		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:			
WIMN Url:	https://webapp.pca.state.mn.us/wimn/site/189859		

Spatial Remediation Activity

AI ID:	189859	Site Start:	23-Jun-1999
Site ID:	LS0012735	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	08-Jan-2001	NPL List:	
Leak Discovered:	23-Jun-1999	NPL Delete:	
Leak Reported:	23-Jun-1999	PLP List:	
Leak Reopened:		PLP Delist:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Activity No:	1				Staff Assi:	
Activity ID:	SIW19990001				FF Approved:	
Activity Type:	Leak Site Investigation				FF Closed:	
Activity Code:	SIW				Inv Comple:	
Activity Year:	1999				App Comple:	
Discovered:					Er Site Ev:	

9	1 of 2	SW	0.04 / 198.50	930.88 / -4	DOLLAR GENERAL STORE #19173 1546 White Bear Ave N Saint Paul MN 55106	MPCA AI
Item ID:	128645-AISI0000128645				County Code:	123
Agency Interest ID:	128645				County:	Ramsey
Status:	Active				CTU Code:	239651
Status Dat:					CTU Name:	Saint Paul
Document ID:	0				Congress District Cd:	4
Program:	HW				House District:	67A
MPCA Program Desc:	Hazardous Waste				Senate District:	67
Subject Item Type:	CON				HUC8:	07010206
Subject Item Ctgry:	AISI				HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	128645				HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site				HUC12:	070102060803
Subj Item Designtn:					HUC12 Name:	Lake Phalen
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	25-Oct-2017				PLS Range:	
Tmsp Creat:	14-Oct-2008				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	25-Oct-2017				PLS Quarters:	
User Updt:	geo_nc				Latitude:	44.98789504
Spatial ID:	55079272				Longitude:	-93.02515238
Method Code:	DW				Method Desc:	Digitized - Web Map Google / Yahoo / Microsoft
Subject Item Category Desc:	Agency Interest					
Location Description:						

9	2 of 2	SW	0.04 / 198.50	930.88 / -4	DOLLAR GENERAL STORE 19173 1546 WHITE BEAR AVE N SAINT PAUL MN 55106-1602	RCRA VSQG
EPA Handler ID:	MNS000140111					
Gen Status Universe:	VSG					
Contact Name:	KRISTIN ELLIOTT					
Contact Address:	100 MISSION RDG , , GOODLETTSVILLE , TN, 37072-2171 ,					
Contact Phone No and Ext:	615-855-5365					
Contact Email:	ENVCOMPLIANCE@DOLLARGENERAL.COM					
Contact Country:						
County Name:	RAMSEY					
EPA Region:	05					
Land Type:						
Receive Date:	20171025					
Location Latitude:	44.987904					
Location Longitude:	-93.025202					

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mixed Waste Generator:		No				
Transporter Activity:		No				
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20081013
Handler Name: GREENFIELD VOEHL HAFNER CENTER LLC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20171025
Handler Name: DOLLAR GENERAL STORE 19173
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: U
Waste Code Description: Unknown Waste

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	7520 INDEPENDENCE BLVD
Name: DOLLAR INTERMEDIATE HOLDINGS LLC	Street 2:	
Date Became Current: 20151024	City:	CHARLOTTE
Date Ended Current: 20171025	State:	NC
Phone: 845-356-8390	Country:	US
Source Type: Implementer	Zip Code:	28227-9441

Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	3410 WINNETKA AVE N
Name: GREENFIELD VOEHL HAFNER CENTER LLC	Street 2:	
Date Became Current: 20081014	City:	NEW HOPE
Date Ended Current:	State:	MN
Phone: 952-941-2303	Country:	US
Source Type: Notification	Zip Code:	55427

Historical Handler Details

Receive Dt: 20081013
Generator Code Description: Not a Generator, Verified
Handler Name: GREENFIELD VOEHL HAFNER CENTER LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 3	NW	0.04 / 199.76	938.68 / 4	White Castle 1601 White Bear Ave N St. Paul MN 55106	HIST LUST

Prog Int ID:	299874	Address Source:	CORE
Site ID:	53941087	Township Name:	White Bear
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	138089
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	417968	Lat Degrees:	44
Tank Site:	15841	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	22.59
Interest Start Dt:	09/20/2004 00:00:00	Long Degrees:	-93
Interest End Dt:	12/17/2007 16:54:42	Long Minutes:	1
Active?:	No	Long Seconds:	31.81
Timestamp Added:	12/17/2007 16:54:42	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:06	Lat/Long Site ID:	53941087
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	53941089
Source:	CORE	Collection Date:	07/06/2005 00:00:00
Coord Src Type:	2	Map Scale Code:	
Coord Src Desc:	State	Org Name Source:	Stacey VanPatten
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	12/17/2007 16:54:39		
Addr Timestamp Lst Updt:	11/04/2008 21:13:53		
Addr Updater Staff ID:	SYSTEM		
Lat/Long Timestamp Added:	12/17/2007 16:54:43		
Lat/Long Tmstmp Last Upd:	03/30/2010 18:31:23		
Lat/Long Updater Staff ID:	MAPT_NC		
Lat/Long Desc:			
Coord Coll Method Desc:	Digitized-DOQ		
Coord Coll Method Code:	I2		
Comments:			

Leak Site

Complete Site Closure Date:	03/07/2006 00:00:00
Cond Closure Date:	
Release Discovered Date:	07/12/2004 00:00:00
Leaksite Type Code:	3
Leaksite Type Desc:	Both Leak/PBP Site
Leak Report Date:	07/12/2004 00:00:00
Tank Reg Status Code:	F
TMSP Added:	09/20/2004 13:10:02
TMSP Last Updt:	03/04/2008 12:54:24
CU Yds Excavated Qty:	
ENF Action Begin Date:	09/24/2004 00:00:00
Residence Type Code:	
File Archive Box:	
File Archive Lot:	
Soil Digout Date:	
Staff ID Last Updt:	JDIETZ
Std Letter Response Date:	11/12/2004 00:00:00
VPIC Acres:	.98
VPIC Application Date:	05/03/2005 00:00:00
Contam Soils Remaining Flag:	Y
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	No
Offsite Contam Flag:	N
REIMB Awarded Flag:	No
Release From AST Flag:	No
Release From UST Flag:	Yes
Soil Gas Action Level Flag:	
Soil Gas Data Collected Flag:	No
Sub Slab Sample Collected Flag:	
Surface Water Impact Flag:	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Utility Project Flag:		No				
Vapor Intrusion Action Flag:		No				
Vapor Intrusion Checked Flag:		No				
Leaksite Type Defn:		Both leak and a PBP site.				
Soil Gas Data Comments:		see above				
Vapor Intrusion Comments:		Investigation prior to requirement. Development site and vapor reposnse actions implemented on new development (VBs, passive vent).				

Leak Product RIs

Product RIs Seq ID: 96015
Leak Product Desc: Gasoline, Type Unknown
Leak Product Defn: The product is an unknown type of gasoline.

Product RIs Seq ID: 96016
Leak Product Desc: Diesel
Leak Product Defn: The product is diesel oil.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: SVANPAT
Staff ID Wellhead Area Assess: 3433
TMSP Added: 07/06/2005 16:13:39
TMSP Last Updt: 03/07/2006 10:50:46
Water Supply Exceeds Ral Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag:
Free Product at Close Flag: No
Free Product Observed Flag:
Free Product Thickness:
Ground Water Contam Flag: Y
GW Cleanup Goal:
GW Exceeds Cleanup Goal Flag:
Impacted Aquifer Code:
MTBE High Level Date:
MTBE High Ug Per Liter Char:
MTBE High Ug Per Liter Numb:
MTBE Present Historically Flag:
MTBE Present Now Flag:
Protected Area Flag: No
PWS Well Impacted Flag: No
Sensitive Area Flag: No

[10](#)

2 of 3

NW

0.04 /
199.76

938.68 /
4

White Castle
1601 White Bear Ave N
Saint Paul MN 55106

MPCA AI

Item ID: 186342-AISI0000186342
Agency Interest ID: 186342
Status: Active
Status Dat:
Document ID: 0
Program: PR
MPCA Program Desc: Petroleum Remediation
Subject Item Type: CON
Subject Item Ctgr: AISI
Subject Item ID: 186342
Subj Item Type Dsc: Conventional Site
Subj Item Designtn:
Description:
Ref Code: GEN

County Code: 123
County: Ramsey
CTU Code: 239651
CTU Name: Saint Paul
Congress District Cd: 4
House District: 67A
Senate District: 67
HUC8: 07010206
HUC8 Name: Mississippi River - Twin Cities
HUC10: 0701020608
HUC12: 070102060803
HUC12 Name: Lake Phalen
DWSMA Code:
DWSMA Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	25-Apr-2016				PLS Range:	
Tmsp Creat:	17-Dec-2007				PLS Range Direction:	
User Creat:	DELTA_M_R2				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude:	44.9896093
Spatial ID:	53941088				Longitude:	-93.0255034
Method Code:	I2				Method Desc:	Digitized-DOQ
Subject Item Category Desc:	Agency Interest					
Location Description:						

[10](#) 3 of 3 **NW** 0.04 / 199.76 938.68 / 4 **White Castle**
1601 White Bear Ave N
Saint Paul MN **LST**
REM SITE

Item ID:	186342-AREA0000000001	Federal Re:	Yes
Project ID:	LS0015841	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):	LS0015841	SEMS?:	
Project Type (RAP):	Leak Site	NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.9892742
Petrol Brownfield?:		Longitude:	-93.02530204
VIC Site?:		County (RAP):	Ramsey
Sf Volunta:		Latitude (RAP):	44.9892742
Inst Controls?:		Longitude (RAP):	-93.02530204
State Reg:			
Project Name:	White Castle		
Site Address 1:	1601 White Bear Ave N		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):	White Castle		
Address1 (RAP):	1601 White Bear Ave N		
Address2(RAP):			
City (RAP):	Saint Paul		
State (RAP):	MN		
Zip (RAP):	55106		
Project Ma:	Stacey VanPatten (former)		
Data Source:	MPCA Remediation Sites; MPCA Remediation Sites with RAP approvals		

Remediation Sites Details

Activity ID:	186342	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0.98	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	White Castle		
Loc Desc:			
Method Des:	Address Matching House Number		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Bassou Oulgout (former)		
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/186342		

Remediation Sites with RAP Approval

Activity ID: 186342

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Rap Date: 7/8/2005
Parcels:
AI Name: White Castle
Coord Collection Method: Address Matching House Number
WIMN: https://webapp.pca.state.mn.us/wimn/site/186342

Spatial Remediation Activity

AI ID: 186342	Site Start: 12-Jul-2004
Site ID: LS0015841	Remedy Imp:
SI ID: 1	Remedy Sel:
SI Cat: AREA	ASMT Compl:
NFA Decisi:	Received:
Site Close: 07-Mar-2006	NPL List:
Leak Discovered: 12-Jul-2004	NPL Delete:
Leak Reported: 12-Jul-2004	PLP List:
Leak Reopened:	PLP Delist:
Activity No: 1	Staff Assi:
Activity ID: SIW20040001	FF Approved:
Activity Type: Leak Site Investigation	FF Closed:
Activity Code: SIW	Inv Comple: 16-May-2005
Activity Year: 2004	App Comple:
Discovered:	Er Site Ev:

11	1 of 3	W	0.04 / 222.13	930.22 / -4	OLLILA ROGER A DDS 1762 E IOWA AVE ST PAUL MN 55106	RCRA NON GEN
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EPA Handler ID: MND985685122
Gen Status Universe: No Report
Contact Name: ROGER OLLILA
Contact Address: 1762 E IOWA AVE , , ST PAUL , MN, 55106 , US
Contact Phone No and Ext: 612-771-6464
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type:
Receive Date: 20080827
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19900709
 Handler Name: OLLILA ROGER A DDS
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D000
 Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20080827
 Handler Name: OLLILA ROGER A DDS
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	OLLILA ROGER A	Street 2:
Date Became Current:		City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	OLLILA ROGER A	Street 2:
Date Became Current:		City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Implementer	Zip Code:

Historical Handler Details

Receive Dt: 19900709
 Generator Code Description: Small Quantity Generator
 Handler Name: OLLILA ROGER A DDS

11	2 of 3	W	0.04 / 222.13	930.22 / -4	CLASEN MARTIN W DDS 1762 IOWA ST ST. PAUL MN 55106	RCRA NON GEN
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EPA Handler ID: MND985669480
 Gen Status Universe: No Report
 Contact Name: MARTIN W CLASEN
 Contact Address: 1789 WOODLANE DR , , WOODBURY , MN, 55125 , US
 Contact Phone No and Ext: 651-771-2921
 Contact Email:
 Contact Country: US
 County Name: RAMSEY
 EPA Region: 05
 Land Type: Private
 Receive Date: 20040525

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970218
Handler Name: CLASEN MARTIN W DDS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20040525
Handler Name: CLASEN MARTIN W DDS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private

Street No:
Street 1: ADDRESS NOT REPORTED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	NAME NOT REPORTED				Street 2:	
Date Became Current:					City:	CITY NOT REPORTED
Date Ended Current:					State:	AK
Phone:	312-555-1212				Country:	
Source Type:	Notification				Zip Code:	99998
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	1762 IOWA ST
Name:	CLASEN MARTIN W DDS				Street 2:	
Date Became Current:	19990726				City:	ST. PAUL
Date Ended Current:	20040602				State:	MN
Phone:	651-771-2921				Country:	US
Source Type:	Notification				Zip Code:	55106
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	1762 IOWA ST
Name:	CLASEN MARTIN W DDS				Street 2:	
Date Became Current:	19990726				City:	ST. PAUL
Date Ended Current:	20040602				State:	MN
Phone:	651-771-2921				Country:	US
Source Type:	Notification				Zip Code:	55106
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	1762 E IOWA AVE
Name:	CLASEN MARTIN W DDS PA				Street 2:	
Date Became Current:					City:	ST PAUL
Date Ended Current:					State:	MN
Phone:	612-771-2921				Country:	
Source Type:	Notification				Zip Code:	55106

Historical Handler Details

Receive Dt: 19970218
Generator Code Description: Not a Generator, Verified
Handler Name: CLASEN MARTIN W DDS

11 3 of 3 **W** 0.04 / 222.13 930.22 / -4 **Clasen Martin W DDS**
1762 Iowa St **MPCA AI**
Saint Paul MN 55106

Item ID:	26757-AISI0000026757	County Code:	123
Agency Interest ID:	26757	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	6/2/2004	CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	26757	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	28-Sep-2015	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9891775
Spatial ID:	22624	Longitude:	-93.0264903
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	1 of 2	NNW	0.07 / 385.03	938.88 / 4	SNYDER'S DRUG STORE 5073 1620 WHITE BEAR AVE N ST. PAUL MN 55106	RCRA NON GEN

EPA Handler ID: MNR000078386
Gen Status Universe: No Report
Contact Name: J EDWARDS
Contact Address: 14525 HIGHWAY 7 STE 104 , , MINNETONKA , MN, 55345 , US
Contact Phone No and Ext: 952-936-2416
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20000411
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20000411
Handler Name: SNYDER'S DRUG STORE 5073
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20031108

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:		SNYDER'S DRUG STORE 5073				
Source Type:		Notification				
Federal Waste Generator Code:		N				
Generator Code Description:		Not a Generator, Verified				

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	14525 HIGHWAY 7 STE 104
Name:	SNYDER'S DRUG STORES INC	Street 2:	
Date Became Current:	20000504	City:	MINNETONKA
Date Ended Current:	20031117	State:	MN
Phone:	952-936-2416	Country:	US
Source Type:	Notification	Zip Code:	55345

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	14525 HIGHWAY 7 STE 104
Name:	SNYDER'S DRUG STORES INC	Street 2:	
Date Became Current:	20000504	City:	MINNETONKA
Date Ended Current:	20031117	State:	MN
Phone:	952-936-2416	Country:	US
Source Type:	Notification	Zip Code:	55345

Historical Handler Details

Receive Dt:	20031108
Generator Code Description:	Not a Generator, Verified
Handler Name:	SNYDER'S DRUG STORE 5073

12	2 of 2	NNW	0.07 / 385.03	938.88 / 4	Snyder's Drug Store 5073 1620 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	38627-AISI0000038627	County Code:	123
Agency Interest ID:	38627	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	11/17/2003	CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	38627	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	04-May-2000	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9902367
Spatial ID:	51162	Longitude:	-93.025081
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

13	1 of 1	W	0.08 / 431.33	930.40 / -4	Iowa Hi-Rise 1743 E. Iowa Ave St. Paul MN 55106	TIER 2
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Facility ID:	16063	Latitude:	44.9892524
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Status:	ACTIVE				Longitude:	-93.0270499
County:	Ramsey					
Tier 2						
Client System ID:	620700552				Stge is Confidntal:	No
Chemical Name:	FUEL OIL 2-D				Combustible Dust:	No
Max Daily Amount:	84000				Corrosive to Metal:	No
Storage Container:	Below ground tank				Is Explosive:	Yes
Chemical Location:					Is Flammable:	Yes
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	168				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	531110				Is Pyrophoric Gas:	No
Manned Unmanned:	Yes				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	68476302				Is Acute Toxicity:	Yes
Is Pure:	No				Aspiration Hazard:	Yes
Is EHS:	No				Is Carcinogenicity:	Yes
EHS Name:					Germ Cell Mutagen:	No
Is Mix:	Yes				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	No
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	No
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	No
Mixture Chem Name:					Target Organ Toxcty:	No
Mixture is EHS:	No				Contact Type:	Emergency Contact2
Mixture EHS Name:					Name:	Tim Braun
Mix Percentage:					Title:	Construction Program Manager
Max Daily Amt Code:	9				Phone:	6512926082
Average Daily Amt:	0				A24 Hr Phone:	6512926082
Avg Daily Amt Code:	1					
Nature of Business:		low income housing				
Client System ID:	620700552				Stge is Confidntal:	No
Chemical Name:	FUEL OIL 2-D				Combustible Dust:	No
Max Daily Amount:	84000				Corrosive to Metal:	No
Storage Container:	Below ground tank				Is Explosive:	Yes
Chemical Location:					Is Flammable:	Yes
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	168				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	531110				Is Pyrophoric Gas:	No
Manned Unmanned:	Yes				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	68476302				Is Acute Toxicity:	Yes
Is Pure:	No				Aspiration Hazard:	Yes
Is EHS:	No				Is Carcinogenicity:	Yes
EHS Name:					Germ Cell Mutagen:	No
Is Mix:	Yes				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	No
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	No
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	No
Mixture Chem Name:					Target Organ Toxcty:	No
Mixture is EHS:	No				Contact Type:	Emergency Contact1
Mixture EHS Name:					Name:	Tim Angaran
Mix Percentage:					Title:	Maintenance Director
Max Daily Amt Code:	9				Phone:	6512926087
Average Daily Amt:	0				A24 Hr Phone:	6512926087

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Avg Daily Amt Code:	1					
Nature of Business:		low income housing				
Client System ID:	620700552				Stge is Confidntal:	No
Chemical Name:	FUEL OIL 2-D				Combustible Dust:	No
Max Daily Amount:	84000				Corrosive to Metal:	No
Storage Container:	Below ground tank				Is Explosive:	Yes
Chemical Location:					Is Flammable:	Yes
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	168				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	531110				Is Pyrophoric Gas:	No
Manned Unmanned:	Yes				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	68476302				Is Acute Toxicity:	Yes
Is Pure:	No				Aspiration Hazard:	Yes
Is EHS:	No				Is Carcinogenicity:	Yes
EHS Name:					Germ Cell Mutagen:	No
Is Mix:	Yes				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	No
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	No
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	No
Mixture Chem Name:					Target Organ Toxcty:	No
Mixture is EHS:	No				Contact Type:	Regulatory Point of Contact
Mixture EHS Name:					Name:	Tim Angaran
Mix Percentage:					Title:	Maintenance Director
Max Daily Amt Code:	9				Phone:	6512926087
Average Daily Amt:	0				A24 Hr Phone:	6512926087
Avg Daily Amt Code:	1					
Nature of Business:		low income housing				

[14](#) 1 of 2 SSW 0.08 / 443.55 931.91 / -3 STODDARD ROGER C DDS PA 1524 WHITE BEAR AVE N ST. PAUL MN 55106-1606 RCRA VSQG

EPA Handler ID: MND116906652
Gen Status Universe: VSG
Contact Name: JANEAN LAFOND
Contact Address: 1524 WHITE BEAR AVE N , , ST. PAUL , MN, 55106-1606 , US
Contact Phone No and Ext: 651-776-1597
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 19980205
Location Latitude: 44.987184
Location Longitude: -93.025201

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980205
Handler Name: STODDARD ROGER C DDS PA
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:	
Type: Private	Street 1:	1524 WHITE BEAR AVE N
Name: STODDARD ROGER C DDS PA	Street 2:	
Date Became Current: 19990726	City:	ST. PAUL
Date Ended Current:	State:	MN
Phone: 651-776-1597	Country:	US
Source Type: Notification	Zip Code:	55106-1606

Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	ADDRESS NOT REPORTED
Name: NAME NOT REPORTED	Street 2:	
Date Became Current:	City:	CITY NOT REPORTED
Date Ended Current:	State:	AK
Phone: 312-555-1212	Country:	
Source Type: Notification	Zip Code:	99998

Owner/Operator Ind: Current Owner	Street No:	
Type: Private	Street 1:	1524 WHITE BEAR AVE N
Name: STODDARD ROGER C DDS PA	Street 2:	
Date Became Current:	City:	ST PAUL
Date Ended Current:	State:	MN
Phone: 612-776-1597	Country:	
Source Type: Notification	Zip Code:	55106

14	2 of 2	SSW	0.08 / 443.55	931.91 / -3	Stoddard Roger C Dds Pa 1524 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Agency Interest ID:	31065				County: Ramsey	
Status:	Active				CTU Code: 239651	
Status Dat:					CTU Name: Saint Paul	
Document ID:	0				Congress District Cd: 4	
Program:	HW				House District: 67A	
MPCA Program Desc:	Hazardous Waste				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgr:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	31065				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	07-Apr-2016				PLS Range:	
Tmsp Creat:	26-Jul-1999				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9873352	
Spatial ID:	20886				Longitude: -93.0251067	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

15 1 of 7 SSW 0.08 / 444.06 930.98 / -4 Premium Stop 1529 White Bear Ave N Saint Paul MN 55106 UST

AI ID:	112429	AI Name(Map):	Premium Stop
Tank Type:	Underground Storage Tank System	Address1(Map):	1529 WHITE BEAR AVE N
AI Name:	Premium Stop	Address2(Map):	
Address1:	1529 White Bear Ave N	City(Map):	SAINT PAUL
Address2:		State(Map):	MN
Address3:		Zip(Map):	55106
City:	Saint Paul	Owner:	Oasis Market
County:	Ramsey	Owner Address:	
State:	MN	Owner City:	
Zip:	55106	Owner State:	
Location Description:		Owner Zip:	
Data Source:	Minnesota Pollution Control Agency Tank Sites; Minnesota Pollution Control Agency Regulated Tank Systems		

Tank Information

Tank Site ID:	TS0003923	Status Change Date:	7/16/2012
Tank ID:	112429-EQUI0000000006	Latitude:	44.95405554
Tank Status:	Active	Longitude:	-93.05320607
Install Date:	2/19/1988	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	12,000 gal/E-10 - 10% ethanol & 90% gas/Active		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003923		
Coord Collect Meth Desc:	Public Land Survey-Two Quarter		

Compartment Information

Compartment ID:	112429-EQUI0000000006-1	Programs:	UT
Compartment No:	1	Capacity (gal):	12000
Tank Wall Type:	Single	Cathodic Prot Sys:	Anode
Tank Material:	STI-P3	Special Use Desc:	None
Subject Item Designation:	105		
Overfill Prevention System:	UST Automatic shutoff		

Pipe Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Pipe Wall Type:	Single	Stored Product:	E-10 - 10% ethanol & 90% gas
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Automatic tank gauging
Pipe Material:	Coated steel	Vapor Recovery Flag:	Yes
Pipe Corrosion Protection:	Anode		

Tank Information

Tank Site ID:	TS0003923	Status Change Date:	7/16/2012
Tank ID:	112429-EQUI0000000001	Latitude:	44.98741267
Tank Status:	Active	Longitude:	-93.02530602
Install Date:	2/19/1988	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	12,000 gal/E-10 - 10% ethanol & 90% gas/Active		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003923		
Coord Collect Meth Desc:	Address Matching House Number		

Compartment Information

Compartment ID:	112429-EQUI0000000001-1	Programs:	UT
Compartment No:	1	Capacity (gal):	12000
Tank Wall Type:	Single	Cathodic Prot Sys:	Anode
Tank Material:	STI-P3	Special Use Desc:	None
Subject Item Designation:	106		
Overfill Prevention System:	UST Automatic shutoff		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	E-10 - 10% ethanol & 90% gas
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Automatic tank gauging
Pipe Material:	Coated steel	Vapor Recovery Flag:	Yes
Pipe Corrosion Protection:	Anode		

Tank Information

Tank Site ID:	TS0003923	Status Change Date:	2/19/1988
Tank ID:	112429-EQUI0000000003	Latitude:	44.95405554
Tank Status:	Removed	Longitude:	-93.05320607
Install Date:	1/1/1900	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	5,000 gal/Gasoline/Removed		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003923		
Coord Collect Meth Desc:	Public Land Survey-Two Quarter		

Compartment Information

Compartment ID:	112429-EQUI0000000003-1	Programs:	UT
Compartment No:	1	Capacity (gal):	5000
Tank Wall Type:	Single	Cathodic Prot Sys:	Not needed
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	None
Subject Item Designation:	102		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Gasoline
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Not needed
Pipe Material:	Galvanized steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

Tank Information

Tank Site ID:	TS0003923	Status Change Date:	2/19/1988
Tank ID:	112429-EQUI0000000002	Latitude:	44.95405554
Tank Status:	Removed	Longitude:	-93.05320607
Install Date:	1/1/1900	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	10,000 gal/Gasoline/Removed		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003923		
Coord Collect Meth Desc:	Public Land Survey-Two Quarter		

Compartment Information

Compartment ID:	112429-EQUI0000000002-1	Programs:	UT
Compartment No:	1	Capacity (gal):	10000
Tank Wall Type:	Single	Cathodic Prot Sys:	Not needed
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	None
Subject Item Designation:	101		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Gasoline
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Not needed
Pipe Material:	Galvanized steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

Tank Information

Tank Site ID:	TS0003923	Status Change Date:	2/19/1988
Tank ID:	112429-EQUI0000000004	Latitude:	44.98741267
Tank Status:	Removed	Longitude:	-93.02530602
Install Date:	1/1/1900	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	3,000 gal/Gasoline/Removed		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003923		
Coord Collect Meth Desc:	Address Matching House Number		

Compartment Information

Compartment ID:	112429-EQUI0000000004-1	Programs:	UT
Compartment No:	1	Capacity (gal):	3000
Tank Wall Type:	Single	Cathodic Prot Sys:	Not needed
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	None
Subject Item Designation:	103		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Gasoline
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Not needed
Pipe Material:	Galvanized steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

Tank Information

Tank Site ID:	TS0003923	Status Change Date:	2/19/1988
Tank ID:	112429-EQUI0000000005	Latitude:	44.95405554
Tank Status:	Removed	Longitude:	-93.05320607

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Install Date: 1/1/1900 **Contractor of Tank:**
Primary Naics:
Primary Sic:
Subject Item Description: 12,000 gal/Gasoline/Removed
Tanks Url: https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003923
Coord Collect Meth Desc: Public Land Survey-Two Quarter

Compartment Information

Compartment ID:	112429-EQUI0000000005-1	Programs:	UT
Compartment No:	1	Capacity (gal):	12000
Tank Wall Type:	Single	Cathodic Prot Sys:	Not needed
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	None
Subject Item Designation:	104		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Gasoline
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Not needed
Pipe Material:	Galvanized steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

MPCA Map Regulated Tank Systems

Item ID:	112429-EQUI0000000006	Longitude:	-93.05320607
Int Doc ID:	0	Ctu Name:	Saint Paul
Spatial ID:		Cong Dist:	4
SI Type:	USTS	House Dist:	67B
SI Cat:	EQUI	Senate Dist:	67
SI ID:	6	Huc8:	07010206
SI Cat Desc:	Equipment	Huc8 Name:	Mississippi River - Twin Cities
SI Type Desc:	Underground Storage Tank System	Huc10:	0701020608
SI Designation:	105	Huc12:	070102060805
Status Desc:	Active	Huc12 Name:	Harriet Island-Mississippi River
Status Date:	7/15/2012 8:00 PM	Dwsma Code:	
Install Date:	2/18/1988 7:00 PM	Dwsma Name:	
AI Prg Code:	UT	Trdsqq:	
AI Program:	Underground Tanks	Pls Twsp:	
Compartments:	1	Range :	
Substance:	E-10 - 10% ethanol & 90% gas	Range Dir:	
Capacity:	12000	Section:	
Overfill Prevent Desc:	UST Automatic shutoff	Quarters:	
Loc Desc:		Method Desc:	Public Land Survey-Two Quarter
County:	Ramsey	Ref Desc:	General Location
Latitude:	44.95405554		
Description:	12,000 gal/E-10 - 10% ethanol & 90% gas/Active		

MPCA Map Regulated Tank Systems

Item ID:	112429-EQUI0000000001	Longitude:	-93.02530602
Int Doc ID:	0	Ctu Name:	Saint Paul
Spatial ID:		Cong Dist:	4
SI Type:	USTS	House Dist:	67A
SI Cat:	EQUI	Senate Dist:	67
SI ID:	1	Huc8:	07010206
SI Cat Desc:	Equipment	Huc8 Name:	Mississippi River - Twin Cities
SI Type Desc:	Underground Storage Tank System	Huc10:	0701020608
SI Designation:	106	Huc12:	070102060803
Status Desc:	Active	Huc12 Name:	Lake Phalen
Status Date:	7/15/2012 8:00 PM	Dwsma Code:	
Install Date:	2/18/1988 7:00 PM	Dwsma Name:	
AI Prg Code:	UT	Trdsqq:	
AI Program:	Underground Tanks	Pls Twsp:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Compartments:	1				Range :	
Substance:	E-10 - 10% ethanol & 90% gas				Range Dir:	
Capacity:	12000				Section:	
Overfill Prevent Desc:	UST Automatic shutoff				Quarters:	
Loc Desc:					Method Desc:	Address Matching House Number
County:	Ramsey				Ref Desc:	General Location
Latitude:	44.98741267					
Description:	12,000 gal/E-10 - 10% ethanol & 90% gas/Active					

15 2 of 7 **SSW** 0.08 / 444.06 930.98 / -4 **Premium Stop - Pump 5
1529 White Bear Ave
St. Paul MN** **HIST SPL**

Program Int ID: 55359975 **Tmsp Added:** 01/15/2009 09:00:25
Site ID: 0 **TMSP Update:** 01/15/2009 09:00:25
Interest Type: Spill Site **Prgm Int Source:** TALES
Preferred ID: 74550 **Address Source:** TALES
Active?: **Interest Phone:**
Interest Start: 01/15/2009 09:00:25 **Township:**
Interest End: **County:** Ramsey
Comments: Caller was pumping gas today and the pump did not shut off until he manually shut it off. The gas was coming out like a fountain. This has happened before. Told clerk about it and they said it is because it is cold outside. The clerk also said that he has told the owner about it and he doesn't want to fix it. The manager is aware that it happens often. Not sure if the manager & owner are the same. This spill is between the pump & the building. No storm drains nearby.

Spill Site

Spill Site Closure Date: 01/15/2009 00:00:00
Spill Date: 01/08/2009 00:00:00
Spill Reported Date: 01/08/2009 09:16:51
Priority Code:
MPCA Involvement: None
Initial Cause:
Initial Source: Loading Area
Public Safety Spill ID: 25963
Duty Officer Report Number: 100741
Spill Reported by: Lary Mannhardt
Report Taken By Initials: 3234
Rpt Taken by Duty Officer Flag:
MPCA Project Manager: 3234
Tmsp Added: 01/15/2009 09:00:25
Tmsp Last Updt: 01/15/2009 09:00:25
Staff ID Last Updt: KFAUS
Rep Name: Lary Mannhardt
Rep Phone: 6517766146
Archive Lot:
Archive Box:
Response Desc:

Spill Released Product

Spill Product: Gasoline
Spill Released Quantity: 1
Spill Qty Units: Gallons
Spill Incident Accuracy: Estimated
Date Added: 01/15/2009 09:00:25
Last Update: 01/15/2009 09:00:25
Staff ID Last Update: KFAUS

Spill Incident Affected

Spill Incident Affect: Paved, Not Street
Date Added: 01/15/2009 09:00:25
Last Update: 01/15/2009 09:00:25

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Staff ID Last Update:		KFAUS				

[15](#) 3 of 7 **SSW** **0.08 / 444.06** **930.98 / -4** **Q Superette
1529 White Bear Ave N
St. Paul MN 55106** **HIST LEAKSITES**

Prog Int ID:	213371	Address Source:	CORE
Site ID:	240619	Township Name:	White Bear
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	129327
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	260464	Lat Degrees:	44
Tank Site:	404	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	14.1
Interest Start Dt:	09/01/1999 00:00:00	Long Degrees:	-93
Interest End Dt:	08/15/2001 00:00:00	Long Minutes:	1
Active?:	No	Long Seconds:	31.42
Timestamp Added:	11/09/2006 10:58:18	Lat/Long Source:	CORE
Timestamp Updt:	03/19/2013 13:26:55	Lat/Long Site ID:	240619
Staff ID Updt:	RSUCHAN	Lat/Long Spatial ID:	51649501
Source:	CORE	Collection Date:	05/27/2008 12:49:57
Coord Src Type:		Map Scale Code:	
Coord Src Desc:		Org Name Source:	
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	11/09/2006 10:57:59		
Addr Timestamp Lst Updt:	11/04/2008 21:13:55		
Addr Updater Staff ID:	SYSTEM		
Lat/Long Timestamp Added:	11/09/2006 10:58:26		
Lat/Long Tmstmp Last Upd:	05/27/2008 12:49:57		
Lat/Long Updater Staff ID:	MAPTOOL		
Lat/Long Desc:			
Coord Coll Method Desc:	Digitized - Map Tool		
Coord Coll Method Code:	DM		
Comments:			

Leak Site

Complete Site Closure Date: 08/15/2001 00:00:00
Cond Closure Date:
Release Discovered Date:
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 10/19/1987 00:00:00
Tank Reg Status Code: F
TMSP Added: 12/04/1999 14:03:43
TMSP Last Updt: 03/06/2014 13:30:50
CU Yds Excavated Qty: 1600
ENF Action Begin Date: 12/16/1987 00:00:00
Residence Type Code:
File Archive Box:
File Archive Lot:
Soil Digout Date: 11/04/1987 00:00:00
Staff ID Last Updt: DBOETTC
Std Letter Response Date:
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: Yes
Offsite Contam Flag: Y
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: No
Soil Gas Action Level Flag:
Soil Gas Data Collected Flag:
Sub Slab Sample Collected

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Flag:
Surface Water Impact Flag: U
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag:
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments:
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 325772
Leak Product Desc: Gasoline Leaded
Leak Product Defn: The product is leaded gasoline.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: RSUCHAN
Staff ID Wellhead Area Assess:
TMSP Added: 12/04/1999 14:07:26
TMSP Last Updt: 11/04/2003 12:57:06
Water Supply Exceeds Ral Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag: N
Free Product at Close Flag:
Free Product Observed Flag: Y
Free Product Thickness: .83
Ground Water Contam Flag: Y
GW Cleanup Goal: 0
GW Exceeds Cleanup Goal Flag:
Impacted Aquifer Code:
MTBE High Level Date: 01/08/1991 00:00:00
MTBE High Ug Per Liter Char: 2.3
MTBE High Ug Per Liter Numb: 2.3
MTBE Present Historically Flag: Y
MTBE Present Now Flag: Y
Protected Area Flag:
PWS Well Impacted Flag:
Sensitive Area Flag:

Leak Cleanup Act

Leak Action Seq ID: 329773 Leak Action Desc: Recovery Trench Leak Action Apprv Dt: Leak Action Begin Dt: 06/13/1988 00:00:00 Leak Action End Dt:	Product Rcvred Gal: Product Rmved Gal: Treated Water Gal: Corrective Rsn Cd:
Leak Action Seq ID: 330061 Leak Action Desc: Free Product Recovery Leak Action Apprv Dt: Leak Action Begin Dt: 06/13/1988 00:00:00 Leak Action End Dt:	Product Rcvred Gal: 543 Product Rmved Gal: Treated Water Gal: Corrective Rsn Cd:
Leak Action Seq ID: 329495 Leak Action Desc: Pump And Treat Leak Action Apprv Dt: Leak Action Begin Dt: 06/13/1988 00:00:00 Leak Action End Dt:	Product Rcvred Gal: 596 Product Rmved Gal: Treated Water Gal: Corrective Rsn Cd:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	4 of 7	SSW	0.08 / 444.06	930.98 / -4	Q Superette 1529 White Bear Ave N Saint Paul MN 55106	MPCA AI
Item ID:		186372-AISI0000186372		County Code:		123
Agency Interest ID:		186372		County:		Ramsey
Status:		Active		CTU Code:		239651
Status Dat:				CTU Name:		Saint Paul
Document ID:		0		Congress District Cd:		4
Program:		PR		House District:		67A
MPCA Program Desc:		Petroleum Remediation		Senate District:		67
Subject Item Type:		CON		HUC8:		07010206
Subject Item Ctgr:		AISII		HUC8 Name:		Mississippi River - Twin Cities
Subject Item ID:		186372		HUC10:		0701020608
Subj Item Type Dsc:		Conventional Site		HUC12:		070102060803
Subj Item Designtn:				HUC12 Name:		Lake Phalen
Description:				DWSMA Code:		
Ref Code:		CEN		DWSMA Name:		
Ref Desc:		Center of Feature Represented		TRDSQQ:		
Verified:		Yes		PLS Township:		
Collection:		11-Jan-2019		PLS Range:		
Tmsp Creat:		09-Nov-2006		PLS Range Direction:		
User Creat:		DELTA_M_R2		PLS Section:		
Tmsp Updt:		17-Jan-2019		PLS Quarters:		
User Updt:		vsetter		Latitude:		44.98724821
Spatial ID:		51649500		Longitude:		-93.02565531
Method Code:		DM		Method Desc:		Digitized - MPCA internal map
Subject Item Category Desc:		Agency Interest				
Location Description:						

15	5 of 7	SSW	0.08 / 444.06	930.98 / -4	Premium Stop 1529 White Bear Ave N Saint Paul MN 55106	MPCA AI
Item ID:		112429-AISI0000112429		County Code:		123
Agency Interest ID:		112429		County:		Ramsey
Status:		Active		CTU Code:		239651
Status Dat:				CTU Name:		Saint Paul
Document ID:		0		Congress District Cd:		4
Program:		UT		House District:		67A
MPCA Program Desc:		Underground Tanks		Senate District:		67
Subject Item Type:		CON		HUC8:		07010206
Subject Item Ctgr:		AISII		HUC8 Name:		Mississippi River - Twin Cities
Subject Item ID:		112429		HUC10:		0701020608
Subj Item Type Dsc:		Conventional Site		HUC12:		070102060803
Subj Item Designtn:				HUC12 Name:		Lake Phalen
Description:				DWSMA Code:		
Ref Code:		GEN		DWSMA Name:		
Ref Desc:		General Location		TRDSQQ:		
Verified:		No		PLS Township:		
Collection:		27-Sep-2015		PLS Range:		
Tmsp Creat:		29-Aug-2006		PLS Range Direction:		
User Creat:		DELTA_M_R1		PLS Section:		
Tmsp Updt:		27-Sep-2015		PLS Quarters:		
User Updt:		geo_nc		Latitude:		44.9874128
Spatial ID:		51376494		Longitude:		-93.0253223
Method Code:		A1		Method Desc:		Address Matching House Number
Subject Item Category Desc:		Agency Interest				
Location Description:						

15	6 of 7	SSW	0.08 / 444.06	930.98 / -4	Q Superette 1529 White Bear Ave N Saint Paul MN	LST REM SITE
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Item ID:	186372-AREA000000001				Federal Re: Yes	
Project ID:	LS0000404				Fed State:	
Project Type:	Leak Site				Non Reg:	
Project ID (RAP):					SEMS?:	
Project Type (RAP):					NPL:	
Site Status:	Closed				Unpermitted Dump?:	
Perm List of Prior?:					Latitude: 44.98724819	
Petrol Brownfield?:					Longitude: -93.02565911	
VIC Site?:					County (RAP):	
Sf Volunta:					Latitude (RAP):	
Inst Controls?:					Longitude (RAP):	
State Reg:						
Project Name:	Q Superette					
Site Address 1:	1529 White Bear Ave N					
Site Address 2:						
Site City:	Saint Paul					
Site State:	MN					
Site Zip:	55106					
Site County:	Ramsey					
Project Name(RAP):						
Address1 (RAP):						
Address2(RAP):						
City (RAP):						
State (RAP):						
Zip (RAP):						
Project Ma:	Jim McCann (former)					
Data Source:	MPCA Remediation Sites					

Remediation Sites Details

Activity ID:	186372	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Q Superette		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Stephen Thompson (no longer at MPCA)		
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/186372		

Spatial Remediation Activity

AI ID:	186372	Site Start:	19-Oct-1987
Site ID:	LS0000404	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	15-Aug-2001	NPL List:	
Leak Discovered:		NPL Delete:	
Leak Reported:	19-Oct-1987	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19870001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1987	App Comple:	
Discovered:		Er Site Ev:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Saint Paul MN

Incident ID:	74550	AI ID Source:	
Incident Status:	Closed or Completed	Source Address:	1529 White Bear Ave
Incident Type:	Facility Spill or Release	Source City:	St. Paul
Incident Date:	1/8/2009	Source State:	MN
Program:	Emergency Response	Source Zip:	
Closure Type:	Response/Action Completed	Latitude:	
County:	Ramsey	Longitude:	
Coord Method:			
Location:	1529 White Bear Ave MN		

**Note: Many records provided by the department have a truncated LOCATION field.

Lead Investigator and Duty Officer

Substances:	1 gallons Gasoline, Unleaded
Duty Officer No:	100741
Lead Investigator:	Kevin Faus

16	1 of 4	WNW	0.09 / 451.36	930.38 / -4	PUBLIC HOUSING AUTHORITY 1743 IOWA AVE E ST. PAUL MN 55106-1300	RCRA VSQG
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EPA Handler ID:	MND980995054
Gen Status Universe:	VSG
Contact Name:	MARK CURTIS
Contact Address:	1743 IOWA AVE E , , ST. PAUL , MN, 55106-1300 , US
Contact Phone No and Ext:	651-298-4481
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Other
Receive Date:	19841005
Location Latitude:	44.989275
Location Longitude:	-93.0267

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 1
Receive Date: 19841005
Handler Name: PUBLIC HOUSING AUTHORITY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: PUBLIC HOUSING AUTHORITY
Date Became Current: 19990726
Date Ended Current:
Phone: 651-298-4481
Source Type: Notification

Street No:
Street 1: 1743 IOWA AVE E
Street 2:
City: ST. PAUL
State: MN
Country: US
Zip Code: 55106-1300

Owner/Operator Ind: Current Operator
Type: Private
Name: NAME NOT REPORTED
Date Became Current:
Date Ended Current:
Phone: 312-555-1212
Source Type: Notification

Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Country:
Zip Code: 99998

Owner/Operator Ind: Current Owner
Type: Municipal
Name: PHA OF THE CITY OF ST PAUL
Date Became Current:
Date Ended Current:
Phone: 612-298-5665
Source Type: Notification

Street No:
Street 1: 480 CEDAR ST #600
Street 2:
City: ST PAUL
State: MN
Country:
Zip Code: 55101

16	2 of 4	WNW	0.09 / 451.36	930.38 / -4	Public Housing Authority 1743 Iowa Ave E Saint Paul MN 55106	MPCA AI
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Item ID: 30366-AISI0000030366
Agency Interest ID: 30366
Status: Active
Status Dat:
Document ID: 0
Program: HW
MPCA Program Desc: Hazardous Waste
Subject Item Type: CON
Subject Item Ctgry: AISI
Subject Item ID: 30366
Subj Item Type Dsc: Conventional Site
Subj Item Designtn:
Description:
Ref Code: GEN
Ref Desc: General Location
Verified: No
Collection: 07-Apr-2016
Tmsp Creat: 26-Jul-1999
User Creat: DELTA_M_R1
Tmsp Updt: 26-Apr-2016
User Updt: spatial_

County Code: 123
County: Ramsey
CTU Code: 239651
CTU Name: Saint Paul
Congress District Cd: 4
House District: 67A
Senate District: 67
HUC8: 07010206
HUC8 Name: Mississippi River - Twin Cities
HUC10: 0701020608
HUC12: 070102060803
HUC12 Name: Lake Phalen
DWSMA Code:
DWSMA Name:
TRDSQQ:
PLS Township:
PLS Range:
PLS Range Direction:
PLS Section:
PLS Quarters:
Latitude: 44.9894517

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Spatial ID:	21165				Longitude:	-93.0270702
Method Code:	A1				Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest					
Location Description:						

16 3 of 4 **WNW** 0.09 / 451.36 930.38 / -4 **New Cingular Wireless PCS, LLC - (USID85094)** **TIER 2**
1743 IOWA AVENUE EAST
St. Paul MN 55106

Facility ID: 17920 **Latitude:** 44.98994
Facility Status: ACTIVE **Longitude:** -93.02684
County: Ramsey

Tier 2

Client System ID:	620700697	Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid	Combustible Dust:	No
Max Daily Amount:	566	Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery	Is Explosive:	Yes
Chemical Location:		Is Flammable:	No
Storage Pressure:	Ambient pressure	Gas Under Pressure:	No
Storage Temp:	Ambient temperature	Is Physical Hnoc:	No
No of Days on Site:	84	Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No	Organic Peroxide:	No
Max No of Occupnts:	0	Is Oxidizer:	No
Fire Department:	ST PAUL	Pyrophrc Liq/Solid:	No
NAICS:	517312	Is Pyrophoric Gas:	No
Manned Unmanned:	No	Is Self Heating:	No
Report Year:	2019	Is Self Reactive:	No
CAS No:	7664939	Is Acute Toxicity:	Yes
Is Pure:	Yes	Aspiration Hazard:	Yes
Is EHS:	Yes	Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid	Germ Cell Mutagen:	Yes
Is Mix:	No	Is Health Hnoc:	No
Contains EHS:	No	Reproductv Toxicity:	Yes
Is Solid State:	No	Respir/Skin Sensit:	Yes
Is Liquid State:	Yes	Eye Dmg/Irritant:	Yes
Is Gas State:	No	Simple Asphyxiant:	No
Mixture CAS No:		Skn Corsion/Irriant:	Yes
Mixture Chem Name:		Target Organ Toxcty:	Yes
Mixture is EHS:	No	Contact Type:	Regulatory Point of Contact
Mixture EHS Name:		Name:	Jeremy McGrue
Mix Percentage:		Title:	National EPCRA Manager
Max Daily Amt Code:	3	Phone:	2144641712
Average Daily Amt:	566	A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3		
Nature of Business:	Wireless Communications		

Client System ID:	620700697	Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid	Combustible Dust:	No
Max Daily Amount:	566	Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery	Is Explosive:	Yes
Chemical Location:		Is Flammable:	No
Storage Pressure:	Ambient pressure	Gas Under Pressure:	No
Storage Temp:	Ambient temperature	Is Physical Hnoc:	No
No of Days on Site:	365	Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No	Organic Peroxide:	No
Max No of Occupnts:	0	Is Oxidizer:	No
Fire Department:	ST PAUL	Pyrophrc Liq/Solid:	No
NAICS:	517312	Is Pyrophoric Gas:	No
Manned Unmanned:	No	Is Self Heating:	No
Report Year:	2019	Is Self Reactive:	No
CAS No:	7664939	Is Acute Toxicity:	Yes
Is Pure:	Yes	Aspiration Hazard:	Yes
Is EHS:	Yes	Is Carcinogenicity:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact1
Mixture EHS Name:					Name:	MNOC Hotline
Mix Percentage:					Title:	Emergency Contact (IMS/EPCRA)
Max Daily Amt Code:	3				Phone:	8006382822
Average Daily Amt:	84				A24 Hr Phone:	8006382822
Avg Daily Amt Code:	1					
Nature of Business:	Wireless Communications					
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	67				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric acid (aerosol forms only)				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact2
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:	Wireless Communications					
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Is Solid State:</i>	No				<i>Respir/Skin Sensit:</i>	Yes
<i>Is Liquid State:</i>	Yes				<i>Eye Dmg/Irritant:</i>	Yes
<i>Is Gas State:</i>	No				<i>Simple Asphyxiant:</i>	No
<i>Mixture CAS No:</i>					<i>Skn Corsion/Irriant:</i>	Yes
<i>Mixture Chem Name:</i>					<i>Target Organ Toxcty:</i>	Yes
<i>Mixture is EHS:</i>	No				<i>Contact Type:</i>	Emergency Contact2
<i>Mixture EHS Name:</i>					<i>Name:</i>	Jeremy McGrue
<i>Mix Percentage:</i>					<i>Title:</i>	National EPCRA Manager
<i>Max Daily Amt Code:</i>	3				<i>Phone:</i>	2144641712
<i>Average Daily Amt:</i>	84				<i>A24 Hr Phone:</i>	8005669347
<i>Avg Daily Amt Code:</i>	1					
<i>Nature of Business:</i>		Wireless Communications				
<i>Client System ID:</i>	620700697				<i>Stge is Confidntal:</i>	No
<i>Chemical Name:</i>	Sulfuric Acid				<i>Combustible Dust:</i>	No
<i>Max Daily Amount:</i>	566				<i>Corrosive to Metal:</i>	Yes
<i>Storage Container:</i>	Lead Acid Battery				<i>Is Explosive:</i>	Yes
<i>Chemical Location:</i>					<i>Is Flammable:</i>	No
<i>Storage Pressure:</i>	Ambient pressure				<i>Gas Under Pressure:</i>	No
<i>Storage Temp:</i>	Ambient temperature				<i>Is Physical Hnoc:</i>	No
<i>No of Days on Site:</i>	365				<i>Gas Emssn wth Wtr:</i>	No
<i>EHS Gtr Than TPQ:</i>	No				<i>Organic Peroxide:</i>	No
<i>Max No of Occupnts:</i>	0				<i>Is Oxidizer:</i>	No
<i>Fire Department:</i>	ST PAUL				<i>Pyrophrc Liq/Solid:</i>	No
<i>NAICS:</i>	517312				<i>Is Pyrophoric Gas:</i>	No
<i>Manned Unmanned:</i>	No				<i>Is Self Heating:</i>	No
<i>Report Year:</i>	2019				<i>Is Self Reactive:</i>	No
<i>CAS No:</i>	7664939				<i>Is Acute Toxicity:</i>	Yes
<i>Is Pure:</i>	Yes				<i>Aspiration Hazard:</i>	Yes
<i>Is EHS:</i>	Yes				<i>Is Carcinogenicity:</i>	Yes
<i>EHS Name:</i>	Sulfuric Acid				<i>Germ Cell Mutagen:</i>	Yes
<i>Is Mix:</i>	No				<i>Is Health Hnoc:</i>	No
<i>Contains EHS:</i>	No				<i>Reproductv Toxicity:</i>	Yes
<i>Is Solid State:</i>	No				<i>Respir/Skin Sensit:</i>	Yes
<i>Is Liquid State:</i>	Yes				<i>Eye Dmg/Irritant:</i>	Yes
<i>Is Gas State:</i>	No				<i>Simple Asphyxiant:</i>	No
<i>Mixture CAS No:</i>					<i>Skn Corsion/Irriant:</i>	Yes
<i>Mixture Chem Name:</i>					<i>Target Organ Toxcty:</i>	Yes
<i>Mixture is EHS:</i>	No				<i>Contact Type:</i>	Regulatory Point of Contact
<i>Mixture EHS Name:</i>					<i>Name:</i>	Jeremy McGrue
<i>Mix Percentage:</i>					<i>Title:</i>	National EPCRA Manager
<i>Max Daily Amt Code:</i>	3				<i>Phone:</i>	2144641712
<i>Average Daily Amt:</i>	84				<i>A24 Hr Phone:</i>	8005669347
<i>Avg Daily Amt Code:</i>	1					
<i>Nature of Business:</i>		Wireless Communications				
<i>Client System ID:</i>	620700697				<i>Stge is Confidntal:</i>	No
<i>Chemical Name:</i>	Sulfuric Acid				<i>Combustible Dust:</i>	No
<i>Max Daily Amount:</i>	566				<i>Corrosive to Metal:</i>	Yes
<i>Storage Container:</i>	Lead Acid Battery				<i>Is Explosive:</i>	Yes
<i>Chemical Location:</i>					<i>Is Flammable:</i>	No
<i>Storage Pressure:</i>	Ambient pressure				<i>Gas Under Pressure:</i>	No
<i>Storage Temp:</i>	Ambient temperature				<i>Is Physical Hnoc:</i>	No
<i>No of Days on Site:</i>	67				<i>Gas Emssn wth Wtr:</i>	No
<i>EHS Gtr Than TPQ:</i>	No				<i>Organic Peroxide:</i>	No
<i>Max No of Occupnts:</i>	0				<i>Is Oxidizer:</i>	No
<i>Fire Department:</i>	ST PAUL				<i>Pyrophrc Liq/Solid:</i>	No
<i>NAICS:</i>	517312				<i>Is Pyrophoric Gas:</i>	No
<i>Manned Unmanned:</i>	No				<i>Is Self Heating:</i>	No
<i>Report Year:</i>	2019				<i>Is Self Reactive:</i>	No
<i>CAS No:</i>	7664939				<i>Is Acute Toxicity:</i>	Yes
<i>Is Pure:</i>	Yes				<i>Aspiration Hazard:</i>	Yes
<i>Is EHS:</i>	Yes				<i>Is Carcinogenicity:</i>	Yes
<i>EHS Name:</i>	Sulfuric acid (aerosol forms only)				<i>Germ Cell Mutagen:</i>	Yes
<i>Is Mix:</i>	No				<i>Is Health Hnoc:</i>	No
<i>Contains EHS:</i>	No				<i>Reproductv Toxicity:</i>	Yes
<i>Is Solid State:</i>	No				<i>Respir/Skin Sensit:</i>	Yes
<i>Is Liquid State:</i>	Yes				<i>Eye Dmg/Irritant:</i>	Yes
<i>Is Gas State:</i>	No				<i>Simple Asphyxiant:</i>	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Regulatory Point of Contact
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	84				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact2
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	67				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric acid (aerosol forms only)				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mixture EHS Name:				Name:	EH&S Hotline	
Mix Percentage:				Title:	Emergency Contact (IMS/EPCRA)	
Max Daily Amt Code:	3			Phone:	8005669347	
Average Daily Amt:	566			A24 Hr Phone:	8005669347	
Avg Daily Amt Code:	3					
Nature of Business:	Wireless Communications					
Client System ID:		620700697		Stge is Confidntal:	No	
Chemical Name:		Sulfuric Acid		Combustible Dust:	No	
Max Daily Amount:		566		Corrosive to Metal:	Yes	
Storage Container:		Lead Acid Battery		Is Explosive:	Yes	
Chemical Location:				Is Flammable:	No	
Storage Pressure:		Ambient pressure		Gas Under Pressure:	No	
Storage Temp:		Ambient temperature		Is Physical Hnoc:	No	
No of Days on Site:		84		Gas Emssn wth Wtr:	No	
EHS Gtr Than TPQ:		No		Organic Peroxide:	No	
Max No of Occupnts:		0		Is Oxidizer:	No	
Fire Department:		ST PAUL		Pyrophrc Liq/Solid:	No	
NAICS:		517312		Is Pyrophoric Gas:	No	
Manned Unmanned:		No		Is Self Heating:	No	
Report Year:		2019		Is Self Reactive:	No	
CAS No:		7664939		Is Acute Toxicity:	Yes	
Is Pure:		Yes		Aspiration Hazard:	Yes	
Is EHS:		Yes		Is Carcinogenicity:	Yes	
EHS Name:		Sulfuric Acid		Germ Cell Mutagen:	Yes	
Is Mix:		No		Is Health Hnoc:	No	
Contains EHS:		No		Reproductv Toxicity:	Yes	
Is Solid State:		No		Respir/Skin Sensit:	Yes	
Is Liquid State:		Yes		Eye Dmg/Irritant:	Yes	
Is Gas State:		No		Simple Asphyxiant:	No	
Mixture CAS No:				Skn Corsion/Irriant:	Yes	
Mixture Chem Name:				Target Organ Toxcty:	Yes	
Mixture is EHS:		No		Contact Type:	Emergency Contact1	
Mixture EHS Name:				Name:	MNOC Hotline	
Mix Percentage:				Title:	Emergency Contact (IMS/EPCRA)	
Max Daily Amt Code:		3		Phone:	8006382822	
Average Daily Amt:		566		A24 Hr Phone:	8006382822	
Avg Daily Amt Code:		3				
Nature of Business:	Wireless Communications					

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AT&T Mobility - POOLSVILLE -
USID85094
1743 IOWA AVENUE EAST
St. Paul MN 55106

TIER 2

Facility ID: 17920
Facility Status: ACTIVE
County: Ramsey

Latitude: 44.98994
Longitude: -93.02684

Tier 2

Client System ID: 620700697
Chemical Name: Sulfuric Acid
Max Daily Amount: 566
Storage Container: Lead Acid Battery
Chemical Location:
Storage Pressure: Ambient pressure
Storage Temp: Ambient temperature
No of Days on Site: 84
EHS Gtr Than TPQ: No
Max No of Occupnts: 0
Fire Department: ST PAUL
NAICS: 517312
Manned Unmanned: No
Report Year: 2019
CAS No: 7664939
Is Pure: Yes

Stge is Confidntal: No
Combustible Dust: No
Corrosive to Metal: Yes
Is Explosive: Yes
Is Flammable: No
Gas Under Pressure: No
Is Physical Hnoc: No
Gas Emssn wth Wtr: No
Organic Peroxide: No
Is Oxidizer: No
Pyrophrc Liq/Solid: No
Is Pyrophoric Gas: No
Is Self Heating: No
Is Self Reactive: No
Is Acute Toxicity: Yes
Aspiration Hazard: Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Regulatory Point of Contact
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact2
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	84				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	1					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	84				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxicity:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact1
Mixture EHS Name:					Name:	MNOC Hotline
Mix Percentage:					Title:	Emergency Contact (IMS/EPCRA)
Max Daily Amt Code:	3				Phone:	8006382822
Average Daily Amt:	566				A24 Hr Phone:	8006382822
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	67				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric acid (aerosol forms only)				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxicity:	Yes
Mixture is EHS:	No				Contact Type:	Regulatory Point of Contact
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	84				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact2
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicty:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Regulatory Point of Contact
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	84				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	1					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	365				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric Acid				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicty:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mixture is EHS:	No				Contact Type:	Emergency Contact1
Mixture EHS Name:					Name:	MNOC Hotline
Mix Percentage:					Title:	Emergency Contact (IMS/EPCRA)
Max Daily Amt Code:	3				Phone:	8006382822
Average Daily Amt:	84				A24 Hr Phone:	8006382822
Avg Daily Amt Code:	1					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	67				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric acid (aerosol forms only)				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact2
Mixture EHS Name:					Name:	Jeremy McGrue
Mix Percentage:					Title:	National EPCRA Manager
Max Daily Amt Code:	3				Phone:	2144641712
Average Daily Amt:	566				A24 Hr Phone:	8005669347
Avg Daily Amt Code:	3					
Nature of Business:		Wireless Communications				
Client System ID:	620700697				Stge is Confidntal:	No
Chemical Name:	Sulfuric Acid				Combustible Dust:	No
Max Daily Amount:	566				Corrosive to Metal:	Yes
Storage Container:	Lead Acid Battery				Is Explosive:	Yes
Chemical Location:					Is Flammable:	No
Storage Pressure:	Ambient pressure				Gas Under Pressure:	No
Storage Temp:	Ambient temperature				Is Physical Hnoc:	No
No of Days on Site:	67				Gas Emssn wth Wtr:	No
EHS Gtr Than TPQ:	No				Organic Peroxide:	No
Max No of Occupnts:	0				Is Oxidizer:	No
Fire Department:	ST PAUL				Pyrophrc Liq/Solid:	No
NAICS:	517312				Is Pyrophoric Gas:	No
Manned Unmanned:	No				Is Self Heating:	No
Report Year:	2019				Is Self Reactive:	No
CAS No:	7664939				Is Acute Toxicity:	Yes
Is Pure:	Yes				Aspiration Hazard:	Yes
Is EHS:	Yes				Is Carcinogenicity:	Yes
EHS Name:	Sulfuric acid (aerosol forms only)				Germ Cell Mutagen:	Yes
Is Mix:	No				Is Health Hnoc:	No
Contains EHS:	No				Reproductv Toxicity:	Yes
Is Solid State:	No				Respir/Skin Sensit:	Yes
Is Liquid State:	Yes				Eye Dmg/Irritant:	Yes
Is Gas State:	No				Simple Asphyxiant:	No
Mixture CAS No:					Skn Corsion/Irriant:	Yes
Mixture Chem Name:					Target Organ Toxcty:	Yes
Mixture is EHS:	No				Contact Type:	Emergency Contact1
Mixture EHS Name:					Name:	EH&S Hotline
Mix Percentage:					Title:	Emergency Contact (IMS/EPCRA)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Max Daily Amt Code:	3				Phone: 8005669347	
Average Daily Amt:	566				A24 Hr Phone: 8005669347	
Avg Daily Amt Code:	3					
Nature of Business:	Wireless Communications					

<u>17</u>	1 of 6	W	0.09 / 456.84	930.38 / -4	Iowa Hi-rise (m-1-13) 1743 E Iowa Saint Paul MN 55106	UST
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AI ID:	112011	AI Name(Map):	
Tank Type:	Underground Storage Tank System	Address1(Map):	
AI Name:	Iowa Hi-rise (m-1-13)	Address2(Map):	
Address1:	1743 E Iowa	City(Map):	
Address2:		State(Map):	
Address3:		Zip(Map):	
City:	Saint Paul	Owner:	Saint Paul Public Housing Agency
County:	Ramsey	Owner Address:	261 E University Ave
State:	MN	Owner City:	Saint Paul
Zip:	55106	Owner State:	MN
Location Description:		Owner Zip:	55130
Data Source:	Minnesota Pollution Control Agency Tank Sites		

Tank Information

Tank Site ID:	TS0003723	Status Change Date:	11/10/1998
Tank ID:	112011-EQUI0000000001	Latitude:	
Tank Status:	Removed	Longitude:	
Install Date:	1/1/1975	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	20,000 gal/Fuel Oil/Removed		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003723		
Coord Collect Meth Desc:			

Compartment Information

Compartment ID:	112011-EQUI0000000001-1	Programs:	UT
Compartment No:	1	Capacity (gal):	20000
Tank Wall Type:	Single	Cathodic Prot Sys:	Anode
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	Heating
Subject Item Designation:	2		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Fuel Oil
Pipe Leak Detection:	SSP	Tank Leak Detection:	UST Not needed
Pipe Material:	Wrapped Steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

Tank Information

Tank Site ID:	TS0003723	Status Change Date:	11/10/1980
Tank ID:	112011-EQUI0000000002	Latitude:	
Tank Status:	Removed	Longitude:	
Install Date:	1/1/1970	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	10,000 gal/Fuel Oil/Removed		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003723		
Coord Collect Meth Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Compartment Information

Compartment ID:	112011-EQUI0000000002-1	Programs:	UT
Compartment No:	1	Capacity (gal):	10000
Tank Wall Type:	Single	Cathodic Prot Sys:	Anode
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	Heating
Subject Item Designation:	1		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Fuel Oil
Pipe Leak Detection:	SSP	Tank Leak Detection:	UST Not needed
Pipe Material:	Wrapped Steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

Tank Information

Tank Site ID:	TS0003723	Status Change Date:	11/12/1998
Tank ID:	112011-EQUI0000000003	Latitude:	
Tank Status:	Active	Longitude:	
Install Date:	11/12/1998	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	12,000 gal/Diesel/Active		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003723		
Coord Collect Meth Desc:			

Compartment Information

Compartment ID:	112011-EQUI0000000003-1	Programs:	UT
Compartment No:	1	Capacity (gal):	12000
Tank Wall Type:	Double	Cathodic Prot Sys:	Not needed
Tank Material:	Fiberglass	Special Use Desc:	Dual use
Subject Item Designation:	3		
Overfill Prevention System:	UST Automatic shutoff		

Pipe Information

Pipe Wall Type:	Double	Stored Product:	Diesel
Pipe Leak Detection:	SSP, IM	Tank Leak Detection:	UST Automatic tank gauging, UST Interstitial monitoring
Pipe Material:	Fiberglass	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	Not needed		

17	2 of 6	W	0.09 / 456.84	930.38 / -4	Unknown Apartment Owner Complaint 1743 Iowa Street St. Paul MN	HIST SPL
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Program Int ID:	58270239	Tmsp Added:	07/09/2010 10:43:53
Site ID:	0	TMSP Update:	07/09/2010 10:43:53
Interest Type:	Spill Site	Prgm Int Source:	TALES
Preferred ID:	78716	Address Source:	TALES
Active?:		Interest Phone:	
Interest Start:	07/09/2010 10:43:53	Township:	
Interest End:		County:	Ramsey
Comments:	Caller states renovation is being done improperly and full of asbestos and insulation fibers.		

Spill Site

Spill Site Closure Date: 07/09/2010 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Spill Date:		09/17/2009 00:00:00				
Spill Reported Date:		09/17/2009 09:22:49				
Priority Code:						
MPCA Involvement:		None				
Initial Cause:						
Initial Source:		Other				
Public Safety Spill ID:		27819				
Duty Officer Report Number:		106281				
Spill Reported by:						
Report Taken By Initials:		3236				
Rpt Taken by Duty Officer Flag:						
MPCA Project Manager:		3236				
Tmsp Added:		07/09/2010 10:43:53				
Tmsp Last Updt:		07/09/2010 10:43:53				
Staff ID Last Updt:		DFIER				
Rep Name:						
Rep Phone:						
Archive Lot:						
Archive Box:						
Response Desc:						

Spill Released Product

Spill Product:	Other (Described In Remarks)
Spill Released Quantity:	
Spill Qty Units:	Unknown
Spill Incident Accuracy:	Unknown
Date Added:	07/09/2010 10:43:53
Last Update:	07/09/2010 10:43:53
Staff ID Last Update:	DFIER

Spill Incident Affected

Spill Incident Affect:	Air
Date Added:	07/09/2010 10:43:53
Last Update:	07/09/2010 10:43:53
Staff ID Last Update:	DFIER

17	3 of 6	W	0.09 / 456.84	930.38 / -4	Iowa Highrise 1743 E Iowa St. Paul MN 55106	HIST LEAKSITES
Prog Int ID:	224482				Address Source:	CORE
Site ID:	216406				Township Name:	White Bear
State County Code:	62				County Name:	Ramsey
Country:	USA				Lat/Long ID:	139793
Interest Type Cd:	LS				Interest Type Dsc:	Leak Site
ADDR ID:	271460				Lat Degrees:	44
Tank Site:	12086				Lat Minutes:	59
Interest Phone:	NO CORE PI PH.				Lat Seconds:	23.29
Interest Start Dt:	01/22/1999 00:00:00				Long Degrees:	-93
Interest End Dt:	11/30/2006 08:19:23				Long Minutes:	1
Active?:	No				Long Seconds:	35.71
Timestamp Added:	11/30/2006 08:19:23				Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:06				Lat/Long Site ID:	216406
Staff ID Updt:	RGAGLE				Lat/Long Spatial ID:	51834823
Source:	CORE				Collection Date:	05/27/2008 12:48:45
Coord Src Type:					Map Scale Code:	
Coord Src Desc:					Org Name Source:	
Foreign State:					Foreign Zone:	
FIPS County Cd1:	123					
Addr Timestamp Add:	08/29/2006 07:21:22					
Addr Timestamp Lst Updt:	11/04/2008 21:13:54					
Addr Updater Staff ID:	SYSTEM					
Lat/Long Timestamp Added:	05/27/2008 12:41:48					
Lat/Long Tmstmp Last Upd:	05/27/2008 12:48:45					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lat/Long Updater Staff ID:		MAPTOOL				
Lat/Long Desc:						
Coord Coll Method Desc:		Digitized - Map Tool				
Coord Coll Method Code:		DM				
Comments:						
<u>Leak Site</u>						
Complete Site Closure Date:		01/28/1999 00:00:00				
Cond Closure Date:						
Release Discovered Date:		11/09/1998 00:00:00				
Leaksite Type Code:		1				
Leaksite Type Desc:		Leak Site				
Leak Report Date:		11/10/1998 00:00:00				
Tank Reg Status Code:		U				
TMSP Added:		12/04/1999 14:03:52				
TMSP Last Updt:		06/17/2014 14:29:57				
CU Yds Excavated Qty:		72				
ENF Action Begin Date:		01/20/1986 00:00:00				
Residence Type Code:						
File Archive Box:						
File Archive Lot:						
Soil Digout Date:		11/11/1998 00:00:00				
Staff ID Last Updt:		DBOETTC				
Std Letter Response Date:						
VPIC Acres:						
VPIC Application Date:						
Contam Soils Remaining Flag:		S				
Indoor Air Collected Flag:						
LUST Trust Eligible Flag:		No				
Offsite Contam Flag:		U				
REIMB Awarded Flag:		No				
Release From AST Flag:		No				
Release From UST Flag:		No				
Soil Gas Action Level Flag:						
Soil Gas Data Collected Flag:						
Sub Slab Sample Collected Flag:						
Surface Water Impact Flag:		U				
Utility Project Flag:		No				
Vapor Intrusion Action Flag:						
Vapor Intrusion Checked Flag:						
Leaksite Type Defn:		Leak site (tank and petroleum contamination).				
Soil Gas Data Comments:						
Vapor Intrusion Comments:						

Leak Product RIs

Product RIs Seq ID:	324105
Leak Product Desc:	Fuel Oil 1 & 2
Leak Product Defn:	The product is fuel oil 1 & 2.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	
Affected Residential Props:	
Staff ID Last Updt:	RSUCHAN
Staff ID Wellhead Area Assess:	
TMSP Added:	12/04/1999 14:07:35
TMSP Last Updt:	11/04/2003 12:57:08
Water Supply Exceeds Ral Flag:	
Cleanup Goal Achieved Flag:	
DW Supply Contam Flag:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Free Product at Close Flag: Free Product Observed Flag: Free Product Thickness: Ground Water Contam Flag: N GW Cleanup Goal: 0 GW Exceeds Cleanup Goal Flag: Impacted Aquifer Code: MTBE High Level Date: MTBE High Ug Per Liter Char: MTBE High Ug Per Liter Numb: MTBE Present Historically Flag: MTBE Present Now Flag: Protected Area Flag: PWS Well Impacted Flag: Sensitive Area Flag:						

[17](#) 4 of 6 W 0.09 / 456.84 930.38 / -4 Iowa Hi-rise (m-1-13) 1743 E Iowa Saint Paul MN 55106 MPCA AI

Item ID:	112011-AISI0000112011	County Code:	123
Agency Interest ID:	112011	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	PR, UT	House District:	67A
MPCA Program Desc:	Petroleum Remediation, Underground Tanks	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	112011	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	07-Apr-2016	PLS Range:	
Tmsp Creat:	29-Aug-2006	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	07-Apr-2016	PLS Quarters:	
User Updt:	geo_nc	Latitude:	44.9898045
Spatial ID:	51376194	Longitude:	-93.0265874
Method Code:	DM	Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest		
Location Description:			

[17](#) 5 of 6 W 0.09 / 456.84 930.38 / -4 Iowa Highrise 1743 E Iowa Saint Paul MN LST REM SITE

Item ID:	112011-AREA0000000001	Federal Re:	
Project ID:	LS0012086	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98980064
Petrol Brownfield?:		Longitude:	-93.0265692
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Iowa Highrise		
Site Address 1:	1743 E Iowa		
Site Address 2:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site City:		Saint Paul				
Site State:		MN				
Site Zip:		55106				
Site County:		Ramsey				
Project Name(RAP):						
Address1 (RAP):						
Address2(RAP):						
City (RAP):						
State (RAP):						
Zip (RAP):						
Project Ma:		Kathryn Serier (former)				
Data Source:		MPCA Remediation Sites				

Remediation Sites Details

Activity ID:	112011	DWSMA Code:	
SI ID:	1	DWSMA Name:	
SI Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Iowa Hi-rise (m-1-13)		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:			
WIMN Url:	https://webapp.pca.state.mn.us/wimn/site/112011		

Spatial Remediation Activity

AI ID:	112011	Site Start:	10-Nov-1998
Site ID:	LS0012086	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	28-Jan-1999	NPL List:	
Leak Discovered:	09-Nov-1998	NPL Delete:	
Leak Reported:	10-Nov-1998	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19980001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1998	App Comple:	
Discovered:		Er Site Ev:	

[17](#) 6 of 6 W 0.09 / 456.84 930.38 / -4 1743 Iowa Street MN Saint Paul MN SPILLS

Incident ID:	78716	AI ID Source:	
Incident Status:	Closed or Completed	Source Address:	
Incident Type:	Spill or Release	Source City:	
Incident Date:	9/17/2009	Source State:	
Program:	Emergency Response	Source Zip:	
Closure Type:	Response/Action Completed	Latitude:	
County:	Ramsey	Longitude:	
Coord Method:			
Location:	1743 Iowa Street MN		

**Note: Many records provided by the department have a truncated LOCATION field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead Investigator and Duty Officer

Substances: unknown units Other substance
 Duty Officer No: 106281
 Lead Investigator: Dorene Fier-Tucker

<u>18</u>	1 of 3	NNW	0.09 / 496.69	938.01 / 4	Hillcrest Car Wash 1635 White Bear Ave St. Paul MN 55106	HIST LEAKSITES
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Prog Int ID:	213688	Address Source:	CORE
Site ID:	54916225	Township Name:	White Bear
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	141209
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	260778	Lat Degrees:	44
Tank Site:	761	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	26.59
Interest Start Dt:	02/22/1992 16:16:57	Long Degrees:	-93
Interest End Dt:	08/26/2008 14:31:45	Long Minutes:	1
Active?:	No	Long Seconds:	31.31
Timestamp Added:	08/26/2008 14:31:45	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:06	Lat/Long Site ID:	54916225
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	54916227
Source:	CORE	Collection Date:	08/03/2004 12:34:03
Coord Src Type:		Map Scale Code:	
Coord Src Desc:		Org Name Source:	
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	08/26/2008 14:31:45		
Addr Timestamp Lst Updt:	11/04/2008 21:13:55		
Addr Updater Staff ID:	SYSTEM		
Lat/Long Timestamp Added:	08/26/2008 14:31:47		
Lat/Long Tmstmp Last Upd:	03/30/2010 18:40:31		
Lat/Long Updater Staff ID:	MAPT_NC		
Lat/Long Desc:			
Coord Coll Method Desc:	Address Matching House Number		
Coord Coll Method Code:	A1		
Comments:			

Leak Site

Complete Site Closure Date: 01/10/1990 00:00:00
Cond Closure Date:
Release Discovered Date:
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 08/24/1988 00:00:00
Tank Reg Status Code: F
TMSP Added: 12/04/1999 14:03:43
TMSP Last Updt: 05/04/2002 09:02:00
CU Yds Excavated Qty: 0
ENF Action Begin Date: 01/01/1901 00:00:00
Residence Type Code:
File Archive Box: 05
File Archive Lot: 94/372
Soil Digout Date:
Staff ID Last Updt: TANKS
Std Letter Response Date:
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: Yes
Offsite Contam Flag: N
REIMB Awarded Flag: No
Release From AST Flag: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release From UST Flag:		No				
Soil Gas Action Level Flag:						
Soil Gas Data Collected Flag:						
Sub Slab Sample Collected Flag:						
Surface Water Impact Flag:		U				
Utility Project Flag:		No				
Vapor Intrusion Action Flag:						
Vapor Intrusion Checked Flag:						
Leaksite Type Defn:		Leak site (tank and petroleum contamination).				
Soil Gas Data Comments:						
Vapor Intrusion Comments:						

Leak Product RIs

Product RIs Seq ID:	401386
Leak Product Desc:	Gasoline, Type Unknown
Leak Product Defn:	The product is an unknown type of gasoline.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	
Affected Residential Props:	
Staff ID Last Updt:	RSUCHAN
Staff ID Wellhead Area Assess:	
TMSP Added:	12/04/1999 14:07:27
TMSP Last Updt:	11/04/2003 12:57:06
Water Supply Exceeds Ral Flag:	
Cleanup Goal Achieved Flag:	
DW Supply Contam Flag:	
Free Product at Close Flag:	
Free Product Observed Flag:	N
Free Product Thickness:	
Ground Water Contam Flag:	Y
GW Cleanup Goal:	0
GW Exceeds Cleanup Goal Flag:	
Impacted Aquifer Code:	
MTBE High Level Date:	
MTBE High Ug Per Liter Char:	
MTBE High Ug Per Liter Numb:	
MTBE Present Historically Flag:	
MTBE Present Now Flag:	
Protected Area Flag:	
PWS Well Impacted Flag:	
Sensitive Area Flag:	

18	2 of 3	NNW	0.09 / 496.69	938.01 / 4	Hillcrest Car Wash 1635 White Bear Ave Saint Paul MN 55106	MPCA AI
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Item ID:	191760-AISI0000191760	County Code:	123
Agency Interest ID:	191760	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	PR	House District:	67A
MPCA Program Desc:	Petroleum Remediation	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	191760	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtr:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ref Code:	CEN				DWSMA Name:	
Ref Desc:	Center of Feature Represented				TRDSQQ:	
Verified:	Yes				PLS Township:	
Collection:	10-Oct-2018				PLS Range:	
Tmsp Creat:	26-Aug-2008				PLS Range Direction:	
User Creat:	DELTA_M_R2				PLS Section:	
Tmsp Updt:	10-Oct-2018				PLS Quarters:	
User Updt:	vsetter				Latitude:	44.99056666
Spatial ID:	54916226				Longitude:	-93.02585266
Method Code:	DM				Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest					
Location Description:						

18 3 of 3 **NNW** 0.09 / 496.69 938.01 / 4 **Hillcrest Car Wash**
1635 White Bear Ave
Saint Paul MN **LST**
REM SITE

Item ID:	191760-AREA0000000001	Federal Re:	Yes
Project ID:	LS0000761	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.99056858
Petrol Brownfield?:		Longitude:	-93.02585
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Hillcrest Car Wash		
Site Address 1:	1635 White Bear Ave		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Ronald Schwartz (no longer at MPCA)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	191760	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Hillcrest Car Wash		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Shiela Grow (no longer at MPCA)		
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/191760		

Spatial Remediation Activity

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
AI ID:	191760				Site Start:	24-Aug-1988
Site ID:	LS0000761				Remedy Imp:	
SI ID:	1				Remedy Sel:	
SI Cat:	AREA				ASMT Compl:	
NFA Decisi:					Received:	
Site Close:	10-Jan-1990				NPL List:	
Leak Discovered:	24-Aug-1988				NPL Delete:	
Leak Reported:	24-Aug-1988				PLP List:	
Leak Reopened:					PLP Delist:	
Activity No:	1				Staff Assi:	
Activity ID:	SIW19880001				FF Aproved:	
Activity Type:	Leak Site Investigation				FF Closed:	
Activity Code:	SIW				Inv Comple:	
Activity Year:	1988				App Comple:	
Discovered:					Er Site Ev:	

[19](#) 1 of 1 W 0.11 / 571.23 929.91 / -5 1728 Hoyt Ave E Saint Paul MN SPILLS

Incident ID: 190965 **AI ID Source:**
Incident Status: Closed or Completed **Source Address:**
Incident Type: Spill or Release **Source City:**
Incident Date: 7/20/2019 **Source State:**
Program: Emergency Response **Source Zip:**
Closure Type: Response/Action Completed **Latitude:**
County: Ramsey **Longitude:**
Coord Method:
Location: 1728 Hoyt Ave E **Note: Many records provided by the department have a truncated LOCATION field.

Lead Investigator and Duty Officer

Substances: unknown units Antifreeze; unknown units Petroleum Other
Duty Officer No: 184846
Lead Investigator: Jim Stockinger

[20](#) 1 of 2 W 0.11 / 575.61 929.91 / -5 Sheen on a Puddle - St. Paul 1728 Hoyt Ave St. Paul MN HIST SPL

Program Int ID: 76840342 **Tmsp Added:** 03/17/2016 09:38:29
Site ID: 0 **TMSP Update:** 03/17/2016 09:38:29
Interest Type: Spill Site **Prgm Int Source:** TALES
Preferred ID: 95083 **Address Source:** TALES
Active?:
Interest Start: 03/17/2016 09:38:29 **Interest Phone:**
Interest End: **Township:** Ramsey
County: Ramsey
Comments: Elizabeth is calling about a concern from a neighbor that was out walking their dog while she was out at the site where there was a fire earlier this morning. The citizen came up to her and asked if she could smell the odor coming from a little puddle across the street that had a sheen on it. Elizabeth advised it is only about a cup full at the most, very minor. It is in the area where the fire trucks were parked. It is unknown if it was there before the fire or not. There are no storm drains nearby. The fire was at 1731 Hoyt Ave E, St Paul MN, across the street at 1728 Hoyt Ave. Elizabeth took a couple pictures.

Spill Site

Spill Site Closure Date: 03/17/2016 00:00:00
Spill Date: 03/06/2016 00:00:00
Spill Reported Date: 03/06/2016 16:11:59
Priority Code:
MPCA Involvement: None
Initial Cause:
Initial Source: Unknown
Public Safety Spill ID: 46109
Duty Officer Report Number: 156230

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Spill Reported by: Elizabeth Skalnek
Report Taken By Initials: 3414
Rpt Taken by Duty Officer Flag:
MPCA Project Manager: 3414
Tmsp Added: 03/17/2016 09:38:29
Tmsp Last Updt: 03/17/2016 09:38:29
Staff ID Last Updt: JSTOCKI
Rep Name: Elizabeth Skalnek
Rep Phone: 6515928658
Archive Lot:
Archive Box:
Response Desc:

Spill Released Product

Spill Product: Petroleum, Unspecified
Spill Released Quantity: 1
Spill Qty Units: Cups
Spill Incident Accuracy: Estimated
Date Added: 03/17/2016 09:38:29
Last Update: 03/17/2016 09:38:29
Staff ID Last Update: JSTOCKI

Spill Incident Affected

Spill Incident Affect: Paved, Not Street
Date Added: 03/17/2016 09:38:29
Last Update: 03/17/2016 09:38:29
Staff ID Last Update: JSTOCKI

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2 of 2

W

0.11 /
575.61

929.91 /
-5

1728 Hoyt Ave MN
Saint Paul MN

SPILLS

Incident ID: 95083
Incident Status: Closed or Completed
Incident Type: Spill or Release
Incident Date: 3/6/2016
Program: Emergency Response
Closure Type: Response/Action Completed
County: Ramsey
Coord Method:
Location: 1728 Hoyt Ave
MN

AI ID Source:
Source Address:
Source City:
Source State:
Source Zip:
Latitude:
Longitude:

**Note: Many records provided by the department have a truncated LOCATION field.

Lead Investigator and Duty Officer

Substances: 1 cups Petroleum Other
Duty Officer No: 156230
Lead Investigator: Jim Stockinger

[21](#)

1 of 3

SSW

0.11 /
575.84

933.33 /
-1

MCCARTER PA DR THOMAS
1514 WHITE BEAR AVE
ST PAUL MN 55106

RCRA VSQG

EPA Handler ID: MND985669449
Gen Status Universe: VSG
Contact Name: DR MCCARTER
Contact Address: 1514 WHITE BEAR AVE , , ST PAUL , MN, 55106 , US
Contact Phone No and Ext: 612-774-0311
Contact Email:
Contact Country: US
County Name: RAMSEY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPA Region:		05				
Land Type:						
Receive Date:		19890921				
Location Latitude:		44.986806				
Location Longitude:		-93.025202				

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19890921
Handler Name: MCCARTER PA DR THOMAS
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:	
Type: Private	Street 1:	ADDRESS NOT REPORTED
Name: MCCARTER DR THOMAS	Street 2:	
Date Became Current:	City:	CITY NOT REPORTED
Date Ended Current:	State:	AK
Phone: 312-555-1212	Country:	
Source Type: Notification	Zip Code:	99998

Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	ADDRESS NOT REPORTED
Name: NAME NOT REPORTED	Street 2:	
Date Became Current:	City:	CITY NOT REPORTED
Date Ended Current:	State:	AK
Phone: 312-555-1212	Country:	
Source Type: Notification	Zip Code:	99998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	2 of 3	SSW	0.11 / 575.84	933.33 / -1	Premier Dental 1514 White Bear Ave White Bear Lake MN 55110	MPCA AI

Item ID:	30339-AISI0000030339	County Code:	123
Agency Interest ID:	30339	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	11/19/2001	CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgy:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	30339	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	07-Apr-2016	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.98701461
Spatial ID:	22065	Longitude:	-93.02509925
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

21	3 of 3	SSW	0.11 / 575.84	933.33 / -1	INSTITUTE OF FACIAL SURGERY 1514 WHITE BEAR AVE WHITE BEAR LAKE MN 55110	RCRA VSQG
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EPA Handler ID:	MND985669456
Gen Status Universe:	VSG
Contact Name:	YEE LEE
Contact Address:	1514 WHITE BEAR AVE N , , SAINT PAUL , MN, 55106 ,
Contact Phone No and Ext:	651-340-6666
Contact Email:	TOMLEE8484@YAHOO.COM
Contact Country:	
County Name:	RAMSEY
EPA Region:	05
Land Type:	
Receive Date:	20180810
Location Latitude:	44.986806
Location Longitude:	-93.025202

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19961206
 Handler Name: INSTITUTE OF FACIAL SURGERY
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified
 Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20010125
 Handler Name: INSTITUTE OF FACIAL SURGERY
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified
 Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20010125
 Handler Name: INSTITUTE OF FACIAL SURGERY
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
 Waste Code Description: DESCRIPTION

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Code: D011
 Waste Code Description: SILVER

Hazardous Waste Handler Details

Sequence No: 3
 Receive Date: 20180810
 Handler Name: INSTITUTE OF FACIAL SURGERY
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Waste Code Details

Hazardous Waste Code: U
 Waste Code Description: Unknown Waste

Owner/Operator Details

Owner/Operator Ind: Current Operator

Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1:	ADDRESS NOT REPORTED
Name:	NAME NOT REPORTED				Street 2:	
Date Became Current:					City:	CITY NOT REPORTED
Date Ended Current:					State:	AK
Phone:	312-555-1212				Country:	
Source Type:	Implementer				Zip Code:	99998
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	1514 WHITE BEAR AVE
Name:	INSTITUTE OF FACIAL SURGERY				Street 2:	
Date Became Current:	19990726				City:	WHITE BEAR LAKE
Date Ended Current:	20011119				State:	MN
Phone:	651-774-9611				Country:	US
Source Type:	Notification				Zip Code:	55110

Historical Handler Details

Receive Dt: 20010125
Generator Code Description: Not a Generator, Verified
Handler Name: INSTITUTE OF FACIAL SURGERY

Receive Dt: 20010125
Generator Code Description: Not a Generator, Verified
Handler Name: INSTITUTE OF FACIAL SURGERY

Receive Dt: 19961206
Generator Code Description: Not a Generator, Verified
Handler Name: INSTITUTE OF FACIAL SURGERY

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1 of 1

NNW

0.11 /
584.83

937.63 /
3

DSAI INC. DBA:GRAND
CLEANERS
1645 WHITE BEAR AVE
ST. PAUL MN 55106

FED
DRYCLEANERS

FRS Facility ID: 110041067902
NPDES IDs:
NAICS Codes: 81232 8123
SIC Codes:
Latitude: 44.990815
Longitude: -93.0252

[23](#)

1 of 5

NNW

0.11 /
600.34

938.18 /
4

GRAND CLEANERS
1645 WHITE BEAR AVE N
ST. PAUL MN 55106

RCRA VSQG

EPA Handler ID: MND098414733
Gen Status Universe: VSG
Contact Name: DAVID ROZHANSKY
Contact Address: 1645 WHITE BEAR AVE N , , ST. PAUL , MN, 55106 , US
Contact Phone No and Ext: 651-776-3485
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20021216
Location Latitude: 44.990784
Location Longitude: -93.026016

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20021216
Handler Name: GRAND CLEANERS
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100216
Handler Name: GRAND CLEANERS
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	ADDRESS NOT REPORTED
Name:	NAME NOT REPORTED	Street 2:	
Date Became Current:		City:	CITY NOT REPORTED
Date Ended Current:		State:	AK
Phone:	312-555-1212	Country:	
Source Type:	Notification	Zip Code:	99998

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	1645 WHITE BEAR AVE N
Name:	GRAND CLEANERS	Street 2:	
Date Became Current:	19990726	City:	ST. PAUL
Date Ended Current:		State:	MN
Phone:	651-776-3485	Country:	US
Source Type:	Notification	Zip Code:	55106

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1645 WHITE BEAR AVE N
Name:	GRAND CLEANERS	Street 2:	
Date Became Current:	19990726	City:	ST. PAUL
Date Ended Current:		State:	MN
Phone:	651-776-3485	Country:	US
Source Type:	Notification	Zip Code:	55106

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	5340 MONARDA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name:	RUOHO PAUL ALLAN	Street 2:	
Date Became Current:		City:	STILLWATER
Date Ended Current:		State:	MN
Phone:	612-439-1015	Country:	
Source Type:	Notification	Zip Code:	55082

Historical Handler Details

Receive Dt:	20100216
Generator Code Description:	Small Quantity Generator
Handler Name:	GRAND CLEANERS

23	2 of 5	NNW	0.11 / 600.34	938.18 / 4	Gold Eagle Cleaners Corp 1645 White Bear Ave N Saint Paul MN 55106	UST
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AI ID:	112425	AI Name(Map):	Gold Eagle Cleaners Corp
Tank Type:	Underground Storage Tank System	Address1(Map):	1645 WHITE BEAR AVE N
AI Name:	Gold Eagle Cleaners Corp	Address2(Map):	
Address1:	1645 White Bear Ave N	City(Map):	SAINT PAUL
Address2:		State(Map):	MN
Address3:		Zip(Map):	55106
City:	Saint Paul	Owner:	Douglas Bronstad
County:	Ramsey	Owner Address:	
State:	MN	Owner City:	
Zip:	55106	Owner State:	
Location Description:		Owner Zip:	
Data Source:	Minnesota Pollution Control Agency Tank Sites; Minnesota Pollution Control Agency Regulated Tank Systems		

Tank Information

Tank Site ID:	TS0003917	Status Change Date:	4/1/1963
Tank ID:	112425-EQUI0000000001	Latitude:	44.99079018
Tank Status:	Active	Longitude:	-93.0253493
Install Date:	4/1/1963	Contractor of Tank:	
Primary Naics:			
Primary Sic:			
Subject Item Description:	6,000 gal/Fuel Oil/Active		
Tanks Url:	https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0003917		
Coord Collect Meth Desc:	Address Matching House Number		

Compartment Information

Compartment ID:	112425-EQUI0000000001-1	Programs:	UT
Compartment No:	1	Capacity (gal):	6000
Tank Wall Type:	Single	Cathodic Prot Sys:	Not needed
Tank Material:	Bare/Paint/Asph Coat Steel	Special Use Desc:	Heating
Subject Item Designation:	234		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Fuel Oil
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Not needed
Pipe Material:	Galvanized steel	Vapor Recovery Flag:	No
Pipe Corrosion Protection:	None		

MPCA Map Regulated Tank Systems

Item ID:	112425-EQUI0000000001	Longitude:	-93.0253493
Int Doc ID:	0	Ctu Name:	Saint Paul
Spatial ID:		Cong Dist:	4

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>SI Type:</i>	USTS				<i>House Dist:</i> 67A	
<i>SI Cat:</i>	EQUI				<i>Senate Dist:</i> 67	
<i>SI ID:</i>	1				<i>Huc8:</i> 07010206	
<i>SI Cat Desc:</i>	Equipment				<i>Huc8 Name:</i> Mississippi River - Twin Cities	
<i>SI Type Desc:</i>	Underground Storage Tank System				<i>Huc10:</i> 0701020608	
<i>SI Designation:</i>	234				<i>Huc12:</i> 070102060803	
<i>Status Desc:</i>	Active				<i>Huc12 Name:</i> Lake Phalen	
<i>Status Date:</i>	3/31/1963 7:00 PM				<i>Dwsma Code:</i>	
<i>Install Date:</i>	3/31/1963 7:00 PM				<i>Dwsma Name:</i>	
<i>AI Prg Code:</i>	UT				<i>Trdsqq:</i>	
<i>AI Program:</i>	Underground Tanks				<i>Pls Twsp:</i>	
<i>Compartments:</i>	1				<i>Range :</i>	
<i>Substance:</i>	Fuel Oil				<i>Range Dir:</i>	
<i>Capacity:</i>	6000				<i>Section:</i>	
<i>Overfill Prevent Desc:</i>	UST Not needed				<i>Quarters:</i>	
<i>Loc Desc:</i>					<i>Method Desc:</i> Address Matching House Number	
<i>County:</i>	Ramsey				<i>Ref Desc:</i> General Location	
<i>Latitude:</i>	44.99079018					
<i>Description:</i>	6,000 gal/Fuel Oil/Active					

23	3 of 5	NNW	0.11 / 600.34	938.18 / 4	Gold Eagle Cleaners Corp 1645 White Bear Ave N Saint Paul MN 55106	MPCA AI
<i>Item ID:</i>	112425-AISI0000112425				<i>County Code:</i> 123	
<i>Agency Interest ID:</i>	112425				<i>County:</i> Ramsey	
<i>Status:</i>	Active				<i>CTU Code:</i> 239651	
<i>Status Dat:</i>					<i>CTU Name:</i> Saint Paul	
<i>Document ID:</i>	0				<i>Congress District Cd:</i> 4	
<i>Program:</i>	UT				<i>House District:</i> 67A	
<i>MPCA Program Desc:</i>	Underground Tanks				<i>Senate District:</i> 67	
<i>Subject Item Type:</i>	CON				<i>HUC8:</i> 07010206	
<i>Subject Item Ctgr:</i>	AISI				<i>HUC8 Name:</i> Mississippi River - Twin Cities	
<i>Subject Item ID:</i>	112425				<i>HUC10:</i> 0701020608	
<i>Subj Item Type Dsc:</i>	Conventional Site				<i>HUC12:</i> 070102060803	
<i>Subj Item Designtn:</i>					<i>HUC12 Name:</i> Lake Phalen	
<i>Description:</i>					<i>DWSMA Code:</i>	
<i>Ref Code:</i>	GEN				<i>DWSMA Name:</i>	
<i>Ref Desc:</i>	General Location				<i>TRDSQQ:</i>	
<i>Verified:</i>	No				<i>PLS Township:</i>	
<i>Collection:</i>	27-Sep-2015				<i>PLS Range:</i>	
<i>Tmsp Creat:</i>	29-Aug-2006				<i>PLS Range Direction:</i>	
<i>User Creat:</i>	DELTA_M_R1				<i>PLS Section:</i>	
<i>Tmsp Updt:</i>	27-Sep-2015				<i>PLS Quarters:</i>	
<i>User Updt:</i>	geo_nc				<i>Latitude:</i> 44.990839	
<i>Spatial ID:</i>	51376485				<i>Longitude:</i> -93.0253533	
<i>Method Code:</i>	A1				<i>Method Desc:</i> Address Matching House Number	
<i>Subject Item Category Desc:</i>	Agency Interest					
<i>Location Description:</i>						

23	4 of 5	NNW	0.11 / 600.34	938.18 / 4	Grand Cleaners 1645 White Bear Ave N Saint Paul MN 55106	MPCA AI
<i>Item ID:</i>	24669-AISI0000024669				<i>County Code:</i> 123	
<i>Agency Interest ID:</i>	24669				<i>County:</i> Ramsey	
<i>Status:</i>	Active				<i>CTU Code:</i> 239651	
<i>Status Dat:</i>					<i>CTU Name:</i> Saint Paul	
<i>Document ID:</i>	0				<i>Congress District Cd:</i> 4	
<i>Program:</i>	HW				<i>House District:</i> 67A	
<i>MPCA Program Desc:</i>	Hazardous Waste				<i>Senate District:</i> 67	
<i>Subject Item Type:</i>	CON				<i>HUC8:</i> 07010206	
<i>Subject Item Ctgr:</i>	AISI				<i>HUC8 Name:</i> Mississippi River - Twin Cities	
<i>Subject Item ID:</i>	24669				<i>HUC10:</i> 0701020608	
<i>Subj Item Type Dsc:</i>	Conventional Site				<i>HUC12:</i> 070102060803	
<i>Subj Item Designtn:</i>					<i>HUC12 Name:</i> Lake Phalen	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description:				DWSMA Code:		
Ref Code:	GEN			DWSMA Name:		
Ref Desc:	General Location			TRDSQQ:		
Verified:	No			PLS Township:		
Collection:	28-Sep-2015			PLS Range:		
Tmsp Creat:	26-Jul-1999			PLS Range Direction:		
User Creat:	DELTA_M_R1			PLS Section:		
Tmsp Updt:	26-Apr-2016			PLS Quarters:		
User Updt:	spatial_			Latitude:	44.99079018	
Spatial ID:	22224			Longitude:	-93.0253493	
Method Code:	A1			Method Desc:	Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

[23](#) 5 of 5 **NNW** 0.11 / 600.34 938.18 / 4 **GRAND CLEANERS** 1645 WHITE BEAR AVE N SAINT PAUL MN 55106 **DRYCLEANERS**

County: RAMSEY
AI ID: 24669
NAIC Code: 812320
NAIC Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Region Description: MPCA METRO REGION
Waste Actd: VERY SMALL QUANTITY GENERATOR
Sic Description: GARMENT PRESSING, AND AGENTS FOR LAUNDRIES AND DRYCLEANERS
Status Date:
Status Description: ACTIVE
Hw Pref ID: MND098414733
Waste Actc: VSQG
Sic Code: 7212

Alternate ID

Alternate AI ID: MND098414733
Alternate AI ID User Group HAZARDOUS WASTE PREFERRED ID
Description:
Status Date:
Status Description:

Contact Details

AI Relation: THIS AI HAS HAZARDOUS WASTE NOTIFICATION CONTACT OF
Current Contact: DAVID ROZHANSKY
Email Telecom:
Office Phone No: 651-776-3485
Contact Mail Address: 1645 White Bear Ave N
 Saint Paul, MN 55106
Relationship Code: IJ
Status Date:
Status Description:

[24](#) 1 of 4 **SSW** 0.12 / 641.31 931.81 / -3 **RAJALA KRISTIN DDS** 1504 WHITE BEAR AVE N STE A ST. PAUL MN 55106 **RCRA VSQG**

EPA Handler ID: MND985673540
Gen Status Universe: VSG
Contact Name: KRISTIN RAJALA
Contact Address: 1504 WHITE BEAR AVE N STE A , , ST. PAUL , MN, 55106 , US
Contact Phone No and Ext: 651-774-7144
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Land Type: Private
Receive Date: 19891018
Location Latitude: 44.986635
Location Longitude: -93.024972

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19891018
Handler Name: RAJALA KRISTIN DDS
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: RAJALA KRISTIN DDS
Date Became Current: 19990726
Date Ended Current:
Phone: 651-774-7144
Source Type: Notification

Street No:
Street 1: 1504 WHITE BEAR AVE N STE A
Street 2:
City: ST. PAUL
State: MN
Country: US
Zip Code: 55106

Owner/Operator Ind: Current Owner
Type: Private

Street No:
Street 1: 1504 WHITE BEAR AVE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		RAJALA KRISTIN		Street 2:		
Date Became Current:				City:		ST PAUL
Date Ended Current:				State:		MN
Phone:		612-774-7144		Country:		
Source Type:		Notification		Zip Code:		55106
Owner/Operator Ind:		Current Operator		Street No:		
Type:		Private		Street 1:		ADDRESS NOT REPORTED
Name:		NAME NOT REPORTED		Street 2:		
Date Became Current:				City:		CITY NOT REPORTED
Date Ended Current:				State:		AK
Phone:		312-555-1212		Country:		
Source Type:		Notification		Zip Code:		99998

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SSW

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-3

FAMILY FOOT CLINIC PA
1504 WHITE BEAR AVE N STE B
ST. PAUL MN 55106

RCRA VSQG

EPA Handler ID: MND985709286
Gen Status Universe: VSG
Contact Name: MARC YANG
Contact Address: 1504 WHITE BEAR AVE N STE B , , ST. PAUL , MN, 55106 , US
Contact Phone No and Ext: 651-771-2513
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20071024
Location Latitude: 44.986635
Location Longitude: -93.024972

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20031014
Handler Name: FAMILY FOOT CLINIC PA
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 3
 Receive Date: 20071024
 Handler Name: FAMILY FOOT CLINIC PA
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20080512
 Handler Name: FAMILY FOOT CLINIC PA
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
 Waste Code Description: DESCRIPTION

Hazardous Waste Code: D011
 Waste Code Description: SILVER

Owner/Operator Details

Owner/Operator Ind: Current Owner
 Type: Private
 Name: FAMILY FOOT CLINIC PA
 Date Became Current: 19990726
 Date Ended Current:
 Phone: 651-771-2513
 Source Type: Notification

Street No:
 Street 1: 1504 WHITE BEAR AVE N STE B
 Street 2:
 City: ST. PAUL
 State: MN
 Country: US
 Zip Code: 55106

Owner/Operator Ind: Current Operator
 Type: Private
 Name: FAMILY FOOT CLINIC PA
 Date Became Current: 19990726
 Date Ended Current:
 Phone: 651-771-2513
 Source Type: Notification

Street No:
 Street 1: 1504 WHITE BEAR AVE N STE B
 Street 2:
 City: ST. PAUL
 State: MN
 Country: US
 Zip Code: 55106

Historical Handler Details

Receive Dt: 20080512
 Generator Code Description: Very Small Quantity Generator
 Handler Name: FAMILY FOOT CLINIC PA

Receive Dt: 20031014
 Generator Code Description: Very Small Quantity Generator
 Handler Name: FAMILY FOOT CLINIC PA

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-3

Rajala Kristin DDS
 1504 White Bear Ave N Ste A
 Saint Paul MN 55106

MPCA AI

Item ID: 28471-AISI0000028471
 Agency Interest ID: 28471
 Status: Active
 Status Dat:
 Document ID: 0

County Code: 123
 County: Ramsey
 CTU Code: 239651
 CTU Name: Saint Paul
 Congress District Cd: 4

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program:	HW				House District: 67A	
MPCA Program Desc:	Hazardous Waste				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgr:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	28471				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	07-Apr-2016				PLS Range:	
Tmsp Creat:	26-Jul-1999				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9866939	
Spatial ID:	21196				Longitude: -93.0250918	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

[24](#) 4 of 4 SSW 0.12 / 641.31 931.81 / -3 **Family Foot Clinic PA** 1504 White Bear Ave N Ste B Saint Paul MN 55106 **MPCA AI**

Item ID:	24663-AISI0000024663	County Code:	123
Agency Interest ID:	24663	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	24663	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	28-Sep-2015	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.98666973
Spatial ID:	22218	Longitude:	-93.02515137
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

[25](#) 1 of 2 SSW 0.14 / 755.14 932.82 / -2 **CREST CHIROPRACTIC CLINIC** 1497 WHITE BEAR AVE ST. PAUL MN 55106 **RCRA VSQG**

EPA Handler ID:	MND071353403
Gen Status Universe:	VSG
Contact Name:	SANDY SAUVAGEAU
Contact Address:	1497 WHITE BEAR AVE , , ST. PAUL , MN, 55106 , US
Contact Phone No and Ext:	651-776-7100
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Date:		20051130				
Location Latitude:		44.986365				
Location Longitude:		-93.02562				

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20051130
Handler Name: CREST CHIROPRACTIC CLINIC
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	1497 WHITE BEAR AVE
Name: CREST CHIROPRACTIC CLINIC	Street 2:	
Date Became Current: 20051201	City:	ST. PAUL
Date Ended Current:	State:	MN
Phone: 651-776-7100	Country:	US
Source Type: Notification	Zip Code:	55106
Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	ADDRESS NOT REPORTED
Name: NAME NOT REPORTED	Street 2:	
Date Became Current:	City:	CITY NOT REPORTED
Date Ended Current:	State:	AK
Phone: 312-555-1212	Country:	
Source Type: Notification	Zip Code:	99998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	2 of 2	SSW	0.14 / 755.14	932.82 / -2	Crest Chiropractic Clinic 1497 White Bear Ave Saint Paul MN 55106	MPCA AI

Item ID:	104349-AISI0000104349	County Code:	123
Agency Interest ID:	104349	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	104349	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	28-Jun-2016	PLS Range:	
Tmsp Creat:	01-Dec-2005	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	28-Jun-2016	PLS Quarters:	
User Updt:	geo_nc	Latitude:	44.98643647
Spatial ID:	50648313	Longitude:	-93.02530644
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

26	1 of 2	NNW	0.16 / 821.24	938.35 / 4	WALGREENS 07388 1665 WHITE BEAR AVE N ST. PAUL MN 55106	RCRA VSQG
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EPA Handler ID:	MNS000141481
Gen Status Universe:	VSG
Contact Name:	ALI ANJUM
Contact Address:	200 WILMONT RD MS 2171 , , DEERFIELD , IL, 60015 , US
Contact Phone No and Ext:	847-914-2264
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	20081208
Location Latitude:	44.99136
Location Longitude:	-93.025647

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20081208
 Handler Name: WALGREENS 07388
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	200 WILMONT RD MS 2171
Name:	WALGREENS CO	Street 2:	
Date Became Current:	20081208	City:	DEERFIELD
Date Ended Current:		State:	IL
Phone:	847-914-2264	Country:	US
Source Type:	Notification	Zip Code:	60015

26	2 of 2	NNW	0.16 / 821.24	938.35 / 4	Walgreens 07388 1665 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	133838-AISI0000133838	County Code:	123
Agency Interest ID:	133838	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	133838	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	08-Dec-2008	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9914892
Spatial ID:	55179053	Longitude:	-93.0253485
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

27	1 of 3	NNW	0.18 / 963.05	937.09 / 3	CHECKER AUTO PARTS 1802 1680 WHITE BEAR AVE N ST. PAUL MN 55106	RCRA NON GEN
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EPA Handler ID: MNR000079947
 Gen Status Universe: No Report
 Contact Name: STEVE MACHEN
 Contact Address: PO BOX 6030 DEPT 9216 , , PHOENIX , AZ, 85005-6030 , US
 Contact Phone No and Ext: 602-265-9200

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20091214
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20091214
Handler Name: CHECKER AUTO PARTS 1802
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: PO BOX 6030 DEPT 9216
Name: CSK AUTO INC	Street 2:
Date Became Current: 20000626	City: PHOENIX
Date Ended Current: 20091216	State: AZ
Phone: 602-265-9200	Country: US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Notification		Zip Code:		85005-6030
27	2 of 3	NNW	0.18 / 963.05	937.09 / 3	Checker Auto Parts 1802 1680 White Bear Ave N Saint Paul MN 55106	MPCA AI
Item ID:	49751-AISI0000049751		County Code:		123	
Agency Interest ID:	49751		County:		Ramsey	
Status:	Inactive		CTU Code:		239584	
Status Dat:	12/16/2009		CTU Name:		Maplewood	
Document ID:	0		Congress District Cd:		4	
Program:	HW, PR		House District:		67A	
MPCA Program Desc:	Hazardous Waste, Petroleum Remediation		Senate District:		67	
Subject Item Type:	CON		HUC8:		07010206	
Subject Item Ctgry:	AISII		HUC8 Name:		Mississippi River - Twin Cities	
Subject Item ID:	49751		HUC10:		0701020608	
Subj Item Type Desc:	Conventional Site		HUC12:		070102060803	
Subj Item Designtn:			HUC12 Name:		Lake Phalen	
Description:			DWSMA Code:			
Ref Code:	CEN		DWSMA Name:			
Ref Desc:	Center of Feature Represented		TRDSQQ:		02922223bb	
Verified:	Yes		PLS Township:		029	
Collection:	06-Dec-2018		PLS Range:		22	
Tmsp Creat:	26-Jun-2000		PLS Range Direction:		W	
User Creat:	DELTA_M_R1		PLS Section:		23	
Tmsp Updt:	06-Dec-2018		PLS Quarters:		bb	
User Updt:	vsetter		Latitude:		44.99179918	
Spatial ID:			Longitude:		-93.02440987	
Method Code:	DM		Method Desc:		Digitized - MPCA internal map	
Subject Item Category Desc:	Agency Interest					
Location Description:						
27	3 of 3	NNW	0.18 / 963.05	937.09 / 3	Hillcrest Center 1680 White Bear Ave N Saint Paul MN	LST REM SITE
Item ID:	49751-AREA0000000001		Federal Re:			
Project ID:	LS0020195		Fed State:			
Project Type:	Leak Site		Non Reg:		Yes	
Project ID (RAP):			SEMS?:			
Project Type (RAP):			NPL:			
Site Status:	Active / Existing		Unpermitted Dump?:			
Perm List of Prior?:			Latitude:		44.99179918	
Petrol Brownfield?:			Longitude:		-93.02440987	
VIC Site?:			County (RAP):			
Sf Volunta:			Latitude (RAP):			
Inst Controls?:			Longitude (RAP):			
State Reg:	Yes					
Project Name:	Hillcrest Center					
Site Address 1:	1680 White Bear Ave N					
Site Address 2:						
Site City:	Saint Paul					
Site State:	MN					
Site Zip:	55106					
Site County:	Ramsey					
Project Name(RAP):						
Address1 (RAP):						
Address2(RAP):						
City (RAP):						
State (RAP):						
Zip (RAP):						
Project Ma:	Artie Dworak (former), Rachel Kennedy (former), Ryan Lundgren (former), Shonda Wright (current)					
Data Source:	MPCA Remediation Sites					

Remediation Sites Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Activity ID: 49751
SI ID: 1
SI Cat: AREA
SI Type: LEAK
Site Type: CON
Acreage: 0
HRS Score: 0
Score Year:
AI Name: Checker Auto Parts 1802
Loc Desc:
Method Des: Digitized - MPCA internal map
Huc8 Name: Mississippi River - Twin Cities
Huc12 Name: Lake Phalen
Hydrologis:
WIMN Url: https://webapp.pca.state.mn.us/wimn/site/49751

DWSMA Code:
DWSMA Name:
Cong Dist: 4
House Dist: 67A
Senate Dis: 67
HUC 8: 07010206
HUC 10: 0701020608
HUC 12: 070102060803

Spatial Remediation Activity

AI ID: 49751
Site ID: LS0020195
SI ID: 1
SI Cat: AREA
NFA Decisi:
Site Close:
Leak Discovered: 23-Aug-2016
Leak Reported: 24-Aug-2016
Leak Reopened:
Activity No: 1
Activity ID: SIW20160001
Activity Type: Leak Site Investigation
Activity Code: SIW
Activity Year: 2016
Discovered:

Site Start: 24-Aug-2016
Remedy Imp:
Remedy Sel:
ASMT Compl:
Received:
NPL List:
NPL Delete:
PLP List:
PLP Delist:
Staff Assi:
FF Aproved:
FF Closed:
Inv Comple:
App Comple:
Er Site Ev:

[28](#) 1 of 1 **NNW** 0.20 / 1,044.56 937.41 / 3 **Builders Square White Bear Ave & Larpenteur Ave Maplewood MN 55109** **MPCA AI**

Item ID: 27698-AISI0000027698
Agency Interest ID: 27698
Status: Inactive
Status Dat: 7/27/1999 6:24:16 PM
Document ID: 0
Program: HW
MPCA Program Desc: Hazardous Waste
Subject Item Type: CON
Subject Item Ctgry: AISI
Subject Item ID: 27698
Subj Item Type Dsc: Conventional Site
Subj Item Designtn:
Description:
Ref Code: GEN
Ref Desc: General Location
Verified: No
Collection: 07-Apr-2016
Tmsp Creat: 26-Jul-1999
User Creat: DELTA_M_R1
Tmsp Updt: 26-Apr-2016
User Updt: spatial_
Spatial ID: 22680
Method Code: A1
Subject Item Category Desc: Agency Interest
Location Description:

County Code: 123
County: Ramsey
CTU Code: 239584
CTU Name: Maplewood
Congress District Cd: 4
House District: 43B
Senate District: 43
HUC8: 07010206
HUC8 Name: Mississippi River - Twin Cities
HUC10: 0701020608
HUC12: 070102060803
HUC12 Name: Lake Phalen
DWSMA Code:
DWSMA Name:
TRDSQQ:
PLS Township:
PLS Range:
PLS Range Direction:
PLS Section:
PLS Quarters:
Latitude: 44.991991
Longitude: -93.025249
Method Desc: Address Matching House Number

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
29	1 of 1	W	0.20 / 1,045.98	928.31 / -6	Hillcrest Knoll Stormwater Improvements Address Unknown Saint Paul MN 55106	MPCA AI

Item ID:	137844-AISI0000137844	County Code:	123
Agency Interest ID:	137844	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	CS	House District:	67A
MPCA Program Desc:	Construction Stormwater	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	137844	HUC10:	0701020608
Subj Item Type Desc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	25-Jun-2012	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9882
Spatial ID:	63134710	Longitude:	-93.0291
Method Code:	DP	Method Desc:	Digitized - MPCA online map
Subject Item Category Desc:	Agency Interest		
Location Description:			

30	1 of 2	SSW	0.20 / 1,076.74	937.62 / 3	HOBDAY ROBERT F DDS 1469 WHITE BEAR AVE ST PAUL MN 55106	RCRA VSQG
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EPA Handler ID:	MND116906637
Gen Status Universe:	VSG
Contact Name:	ROBERT HOBDAY
Contact Address:	1469 WHITE BEAR AVE , , ST PAUL , MN, 55106 , US
Contact Phone No and Ext:	612-776-0120
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	
Receive Date:	19891005
Location Latitude:	44.985474
Location Longitude:	-93.025544

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19891005
 Handler Name: HOBDAY ROBERT F DDS
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
 Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	ADDRESS NOT REPORTED
Name:	HOBDAY ROBERT F DDS	Street 2:	
Date Became Current:		City:	CITY NOT REPORTED
Date Ended Current:		State:	AK
Phone:	312-555-1212	Country:	
Source Type:	Notification	Zip Code:	99998

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	ADDRESS NOT REPORTED
Name:	NAME NOT REPORTED	Street 2:	
Date Became Current:		City:	CITY NOT REPORTED
Date Ended Current:		State:	AK
Phone:	312-555-1212	Country:	
Source Type:	Notification	Zip Code:	99998

30	2 of 2	SSW	0.20 / 1,076.74	937.62 / 3	Robert F Hobday DDS 1469 White Bear Ave Saint Paul MN 55106	MPCA AI
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Item ID:	137497-AISI0000137497	County Code:	123
Agency Interest ID:	137497	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	5/19/2011	CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	67A
MPCA Program Desc:	Hazardous Waste	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	137497	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtr:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	19-May-2011	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9855388
Spatial ID:	60104976	Longitude:	-93.0253238

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Method Code: A1					Method Desc: Address Matching House Number	
Subject Item Category Desc:		Agency Interest				
Location Description:						

[31](#) 1 of 3 **NNW** **0.21 / 1,127.33** **937.44 / 3** **Pizza Hut** **1685 White Bear Ave N** **Maplewood MN 55109** **HIST LUST**

Prog Int ID: 317516
Site ID: 249225
State County Code: 62
Country: USA
Interest Type Cd: LS
ADDR ID: 437549
Tank Site: 16062
Interest Phone: NO CORE PI PH.
Interest Start Dt: 05/16/2005 00:00:00
Interest End Dt: 12/06/2006 07:36:09
Active?: No
Timestamp Added: 12/06/2006 07:36:09
Timestamp Updt: 11/10/2014 08:17:05
Staff ID Updt: RGAGLE
Source: CORE
Coord Src Type:
Coord Src Desc:
Foreign State:
FIPS County Cd1: 123
Addr Timestamp Add: 12/06/2006 07:35:34
Addr Timestamp Lst Updt: 11/04/2008 21:13:55
Addr Updater Staff ID: SYSTEM
Lat/Long Timestamp Added: 03/30/2010 18:38:06
Lat/Long Tmstmp Last Upd: 03/30/2010 18:38:06
Lat/Long Updater Staff ID: MAPT_NC
Lat/Long Desc:
Coord Coll Method Desc: Address Matching House Number
Coord Coll Method Code: A1
Comments: File closed 6/29/06

Address Source: CORE
Township Name: White Bear
County Name: Ramsey
Lat/Long ID: 179586
Interest Type Dsc: Leak Site
Lat Degrees: 44
Lat Minutes: 59
Lat Seconds: 31.87
Long Degrees: -93
Long Minutes: 1
Long Seconds: 30.95
Lat/Long Source: CORE
Lat/Long Site ID: 249225
Lat/Long Spatial ID: 51863517
Collection Date: 03/30/2010 17:48:36
Map Scale Code:
Org Name Source:
Foreign Zone:

Leak Site

Complete Site Closure Date: 06/29/2006 00:00:00
Cond Closure Date:
Release Discovered Date: 05/06/2005 00:00:00
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 05/06/2005 00:00:00
Tank Reg Status Code: F
TMSP Added: 05/16/2005 11:10:24
TMSP Last Updt: 07/17/2006 13:10:48
CU Yds Excavated Qty:
ENF Action Begin Date: 05/20/2005 00:00:00
Residence Type Code:
File Archive Box:
File Archive Lot:
Soil Digout Date:
Staff ID Last Updt: JDIETZ
Std Letter Response Date: 10/13/2005 00:00:00
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: No
Offsite Contam Flag: N
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: Yes

Soil Gas Action Level Flag:
Soil Gas Data Collected Flag: No
Sub Slab Sample Collected Flag:
Surface Water Impact Flag: N
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag: No
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments:
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 101642
Leak Product Desc: Gasoline Leaded
Leak Product Defn: The product is leaded gasoline.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: MGILGOS
Staff ID Wellhead Area Assess: 4753
TMSP Added: 06/28/2006 13:29:42
TMSP Last Updt: 06/28/2006 13:29:42
Water Supply Exceeds Ral Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag:
Free Product at Close Flag: No
Free Product Observed Flag: N
Free Product Thickness:
Ground Water Contam Flag: Y
GW Cleanup Goal:
GW Exceeds Cleanup Goal Flag:
Impacted Aquifer Code:
MTBE High Level Date:
MTBE High Ug Per Liter Char:
MTBE High Ug Per Liter Numb:
MTBE Present Historically Flag:
MTBE Present Now Flag: N
Protected Area Flag: No
PWS Well Impacted Flag: No
Sensitive Area Flag: No

31	2 of 3	NNW	0.21 / 1,127.33	937.44 / 3	Pizza Hut 1685 White Bear Ave N Maplewood MN 55109	MPCA AI
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Item ID:	188191-AISI0000188191	County Code:	123
Agency Interest ID:	188191	County:	Ramsey
Status:	Active	CTU Code:	239584
Status Dat:		CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	PR	House District:	43B
MPCA Program Desc:	Petroleum Remediation	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	188191	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	CEN	DWSMA Name:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ref Desc:	Center of Feature Represented				TRDSQQ:	
Verified:	Yes				PLS Township:	
Collection:	12-Dec-2018				PLS Range:	
Tmsp Creat:	06-Dec-2006				PLS Range Direction:	
User Creat:	DELTA_M_R2				PLS Section:	
Tmsp Updt:	16-Jan-2019				PLS Quarters:	
User Updt:	vsetter				Latitude:	44.99240727
Spatial ID:	51863516				Longitude:	-93.02568534
Method Code:	DM				Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest					
Location Description:						

[31](#) 3 of 3 **NNW** 0.21 / 1,127.33 937.44 / 3 **Pizza Hut
1685 White Bear Ave N
Maplewood MN** **LST
REM SITE**

Item ID:	188191-AREA0000000001	Federal Re:	Yes
Project ID:	LS0016062	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.99241123
Petrol Brownfield?:		Longitude:	-93.02569294
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Pizza Hut		
Site Address 1:	1685 White Bear Ave N		
Site Address 2:			
Site City:	Maplewood		
Site State:	MN		
Site Zip:	55109		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Kathryn Serier (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	188191	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	43B
Site Type:	CON	Senate Dis:	43
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Pizza Hut		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Mike Gilgosch (no longer at MPCA)		
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/188191		

Spatial Remediation Activity

AI ID: 188191 **Site Start:** 06-May-2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID:	LS0016062				Remedy Imp:	
SI ID:	1				Remedy Sel:	
SI Cat:	AREA				ASMT Compl:	
NFA Decisi:					Received:	
Site Close:	29-Jun-2006				NPL List:	
Leak Discovered:	06-May-2005				NPL Delete:	
Leak Reported:	06-May-2005				PLP List:	
Leak Reopened:					PLP Delist:	
Activity No:	1				Staff Assi:	
Activity ID:	SIW20050001				FF Aproved:	
Activity Type:	Leak Site Investigation				FF Closed:	
Activity Code:	SIW				Inv Comple:	
Activity Year:	2005				App Comple:	
Discovered:					Er Site Ev:	

[32](#) 1 of 1 NNW 0.21 / 1,131.11 937.09 / 3 Photos To Go 1690 White Bear Ave N Maplewood MN 55109 MPCA AI

Item ID:	26149-AISI0000026149	County Code:	123
Agency Interest ID:	26149	County:	Ramsey
Status:	Inactive	CTU Code:	239584
Status Dat:	7/27/1999	CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	43B
MPCA Program Desc:	Hazardous Waste	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	26149	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	28-Sep-2015	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9922024
Spatial ID:	21267	Longitude:	-93.0251442
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

[33](#) 1 of 1 N 0.21 / 1,134.60 936.90 / 2 PHOTOS TO GO 1690 WHITE BEAR AVE MAPLEWOOD MN 55109 RCRA NON GEN

EPA Handler ID:	MND985708122
Gen Status Universe:	No Report
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	19970211
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910624
Handler Name: PHOTOS TO GO
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970211
Handler Name: PHOTOS TO GO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:	
Type: Private	Street 1:	1690 WHITE BEAR AVE N
Name: PHOTOS TO GO	Street 2:	
Date Became Current: 19990726	City:	MAPLEWOOD
Date Ended Current: 19990727	State:	MN
Phone:	Country:	US
Source Type: Notification	Zip Code:	55109-3702

Historical Handler Details

Receive Dt: 19910624
Generator Code Description: Not a Generator, Verified
Handler Name: PHOTOS TO GO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	1 of 5	NNW	0.21 / 1,135.09	937.09 / 3	WONDERMAT CLEANERS 1698 WHITE BEAR AVE N MAPLEWOOD MN 55109-3702	RCRA NON GEN

EPA Handler ID: MND076485051
Gen Status Universe: No Report
Contact Name: ANGELA SIMPSON
Contact Address: 1698 WHITE BEAR AVE N , , MAPLEWOOD , MN, 55109-3702 , US
Contact Phone No and Ext: 651-770-3249
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20031108
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19861015
Handler Name: WONDERMAT CLEANERS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20031108
 Handler Name: WONDERMAT CLEANERS
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1698 WHITE BEAR AVE N
Name:	WONDERMAT CLEANERS	Street 2:	
Date Became Current:	19990726	City:	MAPLEWOOD
Date Ended Current:	20031117	State:	MN
Phone:	651-770-3249	Country:	US
Source Type:	Notification	Zip Code:	55109-3702

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	157 SUMMER AVE
Name:	SIMPSON ANGELA	Street 2:	
Date Became Current:		City:	MAPLEWOOD
Date Ended Current:		State:	MN
Phone:	612-770-3249	Country:	
Source Type:	Notification	Zip Code:	55109

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	ADDRESS NOT REPORTED
Name:	NAME NOT REPORTED	Street 2:	
Date Became Current:		City:	CITY NOT REPORTED
Date Ended Current:		State:	AK
Phone:	312-555-1212	Country:	
Source Type:	Notification	Zip Code:	99998

Historical Handler Details

Receive Dt: 19861015
 Generator Code Description: Not a Generator, Verified
 Handler Name: WONDERMAT CLEANERS

34	2 of 5	NNW	0.21 / 1,135.09	937.09 / 3	Former Wondermat Cleaners 1698 White Bear Lake N Maplewood MN 55109	HIST TANK
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Prog Int ID:	299738	Address Source:	CORE
Site ID:	69904089	Township Name:	White Bear
AI ID:	147602	State County Code:	62
AI Name:	Former Wondermat Cleaners	County Name:	Ramsey
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=123723&programInterest=TS	Country:	USA
Interest Type Cd:	TS	Lat/Long ID:	208128
Interest Type Dsc:	Tank Site	Owner:	Former Wondermat Cleaners
ADDR ID:	417832	Owner Address:	1698 White Bear Lake N
Tank Site:	123723	Owner City:	Maplewood
Interest Phone:	NO CORE PI PH.	Owner State:	MN
Interest Start Dt:	09/17/2004 00:00:00	Owner Zip:	55109
Interest End Dt:	08/25/2014 16:25:43	Lat Degrees:	44
Active?:	No	Lat Minutes:	59
Timestamp Added:	08/25/2014 16:25:43	Lat Seconds:	32.81

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Timestamp Updt:	11/10/2014 08:17:06				Long Degrees:	-93
Staff ID Updt:	RGAGLE				Long Minutes:	1
Pgm Int Source:	CORE				Long Seconds:	30.36
Coord Src Type:					Lat/Long Source:	CORE
Coord Src Desc:					Lat/Long Site ID:	69904089
Org Name Source:					Lat/Long Spatial ID:	69904091
Foreign State:					Collection Date:	08/25/2014 17:35:21
Foreign Zone:	None				Map Scale Code:	
Tank Site ID:	TS123723				City Tempo:	Maplewood
Addr Timestamp Add:	08/25/2014 16:25:42				State Tempo:	MN
Addr Timestamp Lst Updt:	08/25/2014 16:25:42				Zip Tempo:	55109
FIPS County Cd1:	123					
Addr Updater Staff ID:		BPALMQU				
Lat/Long Timestamp Added:		08/25/2014 17:53:00				
Lat/Long Tmstmp Last Upd:		08/25/2014 17:53:00				
Lat/Long Updater Staff ID:		MAPT_NC				
Lat/Long Desc:						
Coord Coll Method Desc:		Address Matching House Number				
Coord Coll Method Code:		A1				
Address Tempo:		1698 White Bear Lake N				
Comments:						

Tank

Above Or Under: This is a below ground storage tank.
Tank Status: Removed
Tank Status Code: 5
Above Or Under Code: 2
Mpca Tank Number: 001
Tank Status Defn: The tank has been removed.
Piping Cathodic Protection:
Tank Cathodic Protection:
Stored Product: Chemical Other Or Unspecified
Client Tank Number: 001
AST Base Material:
Piping Material Code: 1
Piping Material Desc:
Second Contain. Tank:
Second Contain. Pipe:
Tank Const. Mat.: The tank is made of bare/paint/asph coat steel.
Tank Dispenser Type:
Tank Storage Capacity: 250
Tank Registration Date:
Unreg Tank Reported Date: 09/15/2004 00:00:00
Compartmental Tank Flag:
Heating Product Flag:
HW Generator Id:
Product Replaced Date:
Sludge Disposal Facility:
Comments:
Compliant Flag: Y
Serial Number:
Tank Dual Use: N
Tank Reg. Status: Unknown tank regulation

Compartments

Compartment Number: 1
Tank Stored Desc: PERC
Tank Stored Product Code: 7
Compartment Capacity: 250
Heating Flag: N
Other Desc:
Above Or Under Code: 2
Above Or Under: This is a below ground storage tank.
Tmsp Added: 09/17/2004 12:52:52

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tmsp Last Updt:			09/17/2004 12:52:52			
Staff ID Last Updt:			JHENRY			
<u>Tank Action</u>						
Tank Action ID:			1033084			
Tank Action Code:			2			
Tank Action:			Remove Tank			
Contractor No:			531			
Supervisor No:						
Action Date:			09/22/2004 00:00:00			
Action Date Unknown Flag:						
Corrosion Expert Name:						
Lab Flag:						
Tmsp Added:			09/30/2014 11:28:04			
Tmsp Last Updt:			09/30/2014 11:28:04			
Staff ID Last Updt:			JHENRY			
<u>Tank Action</u>						
Tank Action ID:			1033083			
Tank Action Code:			3			
Tank Action:			Install Tank			
Contractor No:						
Supervisor No:						
Action Date:						
Action Date Unknown Flag:			Y			
Corrosion Expert Name:						
Lab Flag:						
Tmsp Added:			09/30/2014 11:27:49			
Tmsp Last Updt:			09/30/2014 11:27:49			
Staff ID Last Updt:			JHENRY			
<u>Insrem Action</u>						
Insrem Project ID:			890601			
Insrem Action ID:			890602			
Insrem Action Code:			5			
Insrem Product Desc:			PERC			
Insrem Product Code:			3			
Tank Const Mat Code:						
Piping Material Code:						
Piping Material Desc:						
Action Completed Date:						
Insrem Project Number:			1			
Total Tank Capacity Qty:			250			
No of Dispensers:						
Tmsp Added:			09/17/2004 12:53:45			
Tmsp Last Updt:			09/17/2004 12:53:45			
Staff ID Last Updt:			JHENRY			
<u>Tabsite</u>						
Facility Desc:			Retail Store			
Facility Code:			31			
Above or Under Code:			2			
Above or Under Desc:			Under Ground			
Indian Reservation Flag:			N			
UST Registration Date:						
AST Registration Date:						
Max Monthly Gallons:						
Vapor Recovery Installed Flag:						
Vapor Notif Required Flag:						
Tmsp Added:			09/17/2004 12:52:19			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Tmsp Last Updt: 05/05/2006 06:53:32
 Staff ID Last Updt: RSUCHAN

34	3 of 5	NNW	0.21 / 1,135.09	937.09 / 3	Former Wondermat Cleaners 1698 White Bear Lake N Maplewood MN 55109	MPCA AI
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Item ID:	147602-AISI0000147602	County Code:	123
Agency Interest ID:	147602	County:	Ramsey
Status:	Inactive	CTU Code:	239584
Status Dat:	8/25/2014 4:25:43 PM	CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	UT	House District:	43B
MPCA Program Desc:	Underground Tanks	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	147602	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	25-Aug-2014	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9924474
Spatial ID:	69904090	Longitude:	-93.025102
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

34	4 of 5	NNW	0.21 / 1,135.09	937.09 / 3	Wondermat Cleaners 1698 White Bear Ave N Maplewood MN 55109	MPCA AI
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Item ID:	22648-AISI0000022648	County Code:	123
Agency Interest ID:	22648	County:	Ramsey
Status:	Inactive	CTU Code:	239584
Status Dat:	11/17/2003	CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	43B
MPCA Program Desc:	Hazardous Waste	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	22648	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9924485
Spatial ID:	20432	Longitude:	-93.025141
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	5 of 5	NNW	0.21 / 1,135.09	937.09 / 3	Former Wondermat Cleaners 1698 White Bear Lake N Maplewood MN 55109	UST

AI ID: 147602
Tank Type: Underground Storage Tank System
AI Name: Former Wondermat Cleaners
Address1: 1698 White Bear Lake N
Address2:
Address3:
City: Maplewood
County: Ramsey
State: MN
Zip: 55109
Location Description:
Data Source: Minnesota Pollution Control Agency Tank Sites

AI Name(Map):
Address1(Map):
Address2(Map):
City(Map):
State(Map):
Zip(Map):
Owner: Former Wondermat Cleaners
Owner Address: 1698 White Bear Lake N
Owner City: Maplewood
Owner State: MN
Owner Zip: 55109

Tank Information

Tank Site ID: TS0123723
Tank ID: 147602-EQUI0000000001
Tank Status: Removed
Install Date:
Primary Naics:
Primary Sic:
Subject Item Description: 250 gal/Chemical other or unspecified/Removed
Tanks Url: https://webapp.pca.state.mn.us/tank-leak/sites/TS/TS0123723
Coord Collect Meth Desc: Address Matching House Number

Status Change Date: 9/22/2004
Latitude: 44.99246231
Longitude: -93.02509568
Contractor of Tank:

Compartment Information

Compartment ID: 147602-EQUI0000000001-1
Compartment No: 1
Tank Wall Type: Single
Tank Material: Bare/Paint/Asph Coat Steel
Subject Item Designation: 1
Overfill Prevention System: UST Not needed

Programs: UT
Capacity (gal): 250
Cathodic Prot Sys: Unknown
Special Use Desc: None

Pipe Information

Pipe Wall Type: Single
Pipe Leak Detection: NONE
Pipe Material: Steel/Iron
Pipe Corrosion Protection: None

Stored Product: Chemical other or unspecified
Tank Leak Detection: UST Not needed
Vapor Recovery Flag:

35	1 of 2	N	0.22 / 1,159.93	936.91 / 2	RVK ARCHITECTS 1696 WHITE BEAR AVE MAPLEWOOD MN 55109	RCRA NON GEN
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EPA Handler ID: MNS000135160
Gen Status Universe: No Report
Contact Name: RICHARD KRUMM
Contact Address: 1696 WHITE BEAR AVE , , MAPLEWOOD , MN, 55109 , US
Contact Phone No and Ext: 651-738-0021
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 20080410
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Note: NO RECORDS: As of April 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080410
Handler Name: RVK ARCHITECTS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	166 N CONCORD EXCHANGE FLOOR Z
Name:	LARP LLC	Street 2:	
Date Became Current:	20080410	City:	SOUTH ST. PAUL
Date Ended Current:	20080619	State:	MN
Phone:	651-738-0021	Country:	US
Source Type:	Notification	Zip Code:	55075

35	2 of 2	N	0.22 / 1,159.93	936.91 / 2	RVK Architects 1696 White Bear Ave Maplewood MN 55109	MPCA AI
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Item ID:	101941-AISI0000101941	County Code:	123
Agency Interest ID:	101941	County:	Ramsey
Status:	Inactive	CTU Code:	239584
Status Dat:	6/19/2008	CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	43B
MPCA Program Desc:	Hazardous Waste	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	101941	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	10-Apr-2008	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
User Updt:	spatial_				Latitude: 44.9923938	
Spatial ID:	54334871				Longitude: -93.0251036	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

36	1 of 1	W	0.24 / 1,278.20	926.87 / -8	Hoyt-Kennard Residential St Paving Proj See location description Saint Paul MN 55106	MPCA AI
Item ID:	137572-AISI0000137572				County Code: 123	
Agency Interest ID:	137572				County: Ramsey	
Status:	Active				CTU Code: 239651	
Status Dat:					CTU Name: Saint Paul	
Document ID:	0				Congress District Cd: 4	
Program:	CS				House District: 67A	
MPCA Program Desc:	Construction Stormwater				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgy:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	137572				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	27-Sep-2015				PLS Range:	
Tmsp Creat:	10-Jun-2010				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9882	
Spatial ID:	58048666				Longitude: -93.03	
Method Code:	G8				Method Desc: GPS - Other	
Subject Item Category Desc:	Agency Interest					
Location Description:						

37	1 of 3	N	0.25 / 1,300.57	940.83 / 6	Former Burger King Restaurant 1706 White Bear Avenue Maplewood MN 55109	MPCA AI
Item ID:	213583-AISI0000213583				County Code: 123	
Agency Interest ID:	213583				County: Ramsey	
Status:	Active				CTU Code: 239584	
Status Dat:					CTU Name: Maplewood	
Document ID:	0				Congress District Cd: 4	
Program:	BV				House District: 43A	
MPCA Program Desc:	Brownfields				Senate District: 43	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgy:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	213583				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060802	
Subj Item Designtn:					HUC12 Name: McCarrons Lake	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ: 02922218ab	
Verified:	No				PLS Township: 029	
Collection:	26-Jul-2016				PLS Range: 22	
Tmsp Creat:	22-Jul-2016				PLS Range Direction: W	
User Creat:	RSP				PLS Section: 18	
Tmsp Updt:	10-Jul-2017				PLS Quarters: ab	
User Updt:	vsetter				Latitude: 45.00321929	
Spatial ID:					Longitude: -93.09621162	
Method Code:	C8				Method Desc: County Centroid	
Subject Item Category Desc:	Agency Interest					
Location Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Description:

37	2 of 3	N	0.25 / 1,300.57	940.83 / 6	Burger King Restaurant 1706 White Bear Avenue Maplewood MN	BROWNFIELDS
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Item ID:	213583-AREA0000000001	Federal Re:	
Project ID:	BF0000095	Fed State:	
Project Type:	Brownfield Site	Non Reg:	
Project ID (RAP):	BF0000095	SEMS?:	
Project Type (RAP):	Brownfield Site	NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.99275199
Petrol Brownfield?:		Longitude:	-93.02454232
VIC Site?:	Yes	County (RAP):	Ramsey
Sf Volunta:		Latitude (RAP):	44.99275199
Inst Controls?:		Longitude (RAP):	-93.02454232
State Reg:			
Project Name:	Burger King Restaurant		
Site Address 1:	1706 White Bear Avenue		
Site Address 2:			
Site City:	Maplewood		
Site State:	MN		
Site Zip:	55109		
Site County:	Ramsey		
Project Name(RAP):	Burger King Restaurant		
Address1 (RAP):	1706 White Bear Avenue		
Address2(RAP):			
City (RAP):	Maplewood		
State (RAP):	MN		
Zip (RAP):	55109		
Project Ma:	John Betcher (former)		
Data Source:	MPCA Remediation Sites; MPCA Remediation Sites with RAP approvals		

Remediation Sites Details

Activity ID:	213583	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	BROW	House Dist:	43B
Site Type:	CON	Senate Dis:	43
Acreage:	1.42	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Former Burger King Restaurant		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:			
WIMN Url:	https://webapp.pca.state.mn.us/wimn/site/213583		

Remediation Sites with RAP Approval

Activity ID:	213583
Rap Date:	5/31/2017
Parcels:	142922330014
AI Name:	Former Burger King Restaurant
Coord Collection Method:	Digitized - MPCA internal mapping application
WIMN:	https://webapp.pca.state.mn.us/wimn/site/213583

Spatial Remediation Activity

AI ID:	213583	Site Start:	26-Jul-2016
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID:	BF0000095				Remedy Imp:	
SI ID:	1				Remedy Sel:	
SI Cat:	AREA				ASMT Compl:	
NFA Decisi:					Received:	26-Jul-2017
Site Close:	08-Apr-2019				NPL List:	
Leak Discovered:					NPL Delete:	
Leak Reported:					PLP List:	
Leak Reopened:					PLP Delist:	
Activity No:	1				Staff Assi:	29-Jul-2016
Activity ID:	SIW20160001				FF Aproved:	
Activity Type:	Brownfield Site				FF Closed:	
Activity Code:	SIW				Inv Comple:	
Activity Year:	2016				App Comple:	26-Jul-2016
Discovered:					Er Site Ev:	

[37](#) 3 of 3 N 0.25 / 1,300.57 940.83 / 6 Burger King Restaurant 1706 White Bear Avenue Maplewood MN VIC

Item ID: 213583-AREA0000000001 Federal Re:
Project ID: BF0000095 Fed State:
Project Type: Brownfield Site Non Reg:
Project ID (RAP): BF0000095 SEMS?:
Project Type (RAP): Brownfield Site NPL:
Site Status: Closed Unpermitted Dump?:
Perm List of Prior?: Latitude: 44.99275199
Petrol Brownfield?: Longitude: -93.02454232
VIC Site?: Yes County (RAP): Ramsey
Sf Volunta: Latitude (RAP): 44.99275199
Inst Controls?: Longitude (RAP): -93.02454232
State Reg:
Project Name: Burger King Restaurant
Site Address 1: 1706 White Bear Avenue
Site Address 2:
Site City: Maplewood
Site State: MN
Site Zip: 55109
Site County: Ramsey
Project Name(RAP): Burger King Restaurant
Address1 (RAP): 1706 White Bear Avenue
Address2(RAP):
City (RAP): Maplewood
State (RAP): MN
Zip (RAP): 55109
Project Ma: John Betcher (former)
Data Source: MPCA Remediation Sites; MPCA Remediation Sites with RAP approvals

Remediation Sites Details

Activity ID: 213583 DWSMA Code:
SI ID: 1 DWSMA Name:
Si Cat: AREA Cong Dist: 4
SI Type: BROW House Dist: 43B
Site Type: CON Senate Dis: 43
Acreage: 1.42 HUC 8: 07010206
HRS Score: 0 HUC 10: 0701020608
Score Year: HUC 12: 070102060803
AI Name: Former Burger King Restaurant
Loc Desc:
Method Des: Digitized - MPCA internal map
Huc8 Name: Mississippi River - Twin Cities
Huc12 Name: Lake Phalen
Hydrologis:
WIMN Url: https://webapp.pca.state.mn.us/wimn/site/213583

Remediation Sites with RAP Approval

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Activity ID: 213583
Rap Date: 5/31/2017
Parcels: 142922330014
AI Name: Former Burger King Restaurant
Coord Collection Method: Digitized - MPCA internal mapping application
WIMN: https://webapp.pca.state.mn.us/wimn/site/213583

Spatial Remediation Activity

AI ID:	213583	Site Start:	26-Jul-2016
Site ID:	BF0000095	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	26-Jul-2017
Site Close:	08-Apr-2019	NPL List:	
Leak Discovered:		NPL Delete:	
Leak Reported:		PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	29-Jul-2016
Activity ID:	SIW20160001	FF Aproved:	
Activity Type:	Brownfield Site	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2016	App Comple:	26-Jul-2016
Discovered:		Er Site Ev:	

38	1 of 2	NW	0.25 / 1,305.80	953.85 / 19	McDonough Residence 1715 Larpenteur Ave E Maplewood MN 55109	MPCA AI
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Item ID:	213853-AISI0000213853	County Code:	123
Agency Interest ID:	213853	County:	Ramsey
Status:	Active	CTU Code:	239584
Status Dat:		CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	PR, UT	House District:	43B
MPCA Program Desc:	Petroleum Remediation, Underground Tanks	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	213853	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	CEN	DWSMA Name:	
Ref Desc:	Center of Feature Represented	TRDSQQ:	
Verified:	Yes	PLS Township:	
Collection:	03-Nov-2016	PLS Range:	
Tmsp Creat:	12-Aug-2016	PLS Range Direction:	
User Creat:	kkircho	PLS Section:	
Tmsp Updt:	10-Nov-2016	PLS Quarters:	
User Updt:	vsetter	Latitude:	44.99224669
Spatial ID:		Longitude:	-93.02817146
Method Code:	DM	Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest		
Location Description:			

38	2 of 2	NW	0.25 / 1,305.80	953.85 / 19	McDonough Residence 1715 Larpenteur Ave E Maplewood MN 55109	UST
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AI ID:	213853	AI Name(Map):	McDonough Residence
Tank Type:	Underground Storage Tank System	Address1(Map):	
AI Name:	McDonough Residence	Address2(Map):	
Address1:	1715 Larpenteur Ave E	City(Map):	
Address2:		State(Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address3:					Zip(Map):	
City:	Maplewood				Owner:	
County:	Ramsey				Owner Address:	
State:	MN				Owner City:	
Zip:	55109				Owner State:	
Location Description:					Owner Zip:	
Data Source:	Minnesota Pollution Control Agency Tank Sites; Minnesota Pollution Control Agency Regulated Tank Systems					

Tank Information

Tank Site ID:		Status Change Date:	7/28/2016
Tank ID:	213853-EQUI0000000001	Latitude:	44.99224669
Tank Status:	Closed In-Place	Longitude:	-93.02817146
Install Date:	1/1/1900	Contractor of Tank:	Dean's Tank
Primary Naics:			
Primary Sic:			
Subject Item Description:	2,000 ga. fuel oil tank closed in place 7/28/2016, registered 8/29/2016		
Tanks Url:			
Coord Collect Meth Desc:	Digitized - MPCA internal map		

Compartment Information

Compartment ID:	213853-EQUI0000000001-1	Programs:	UT
Compartment No:	1	Capacity (gal):	2000
Tank Wall Type:	Single	Cathodic Prot Sys:	Not needed
Tank Material:	Steel	Special Use Desc:	Heating
Subject Item Designation:	1		
Overfill Prevention System:	UST Not needed		

Pipe Information

Pipe Wall Type:	Single	Stored Product:	Fuel Oil #2
Pipe Leak Detection:	NONE	Tank Leak Detection:	UST Not needed
Pipe Material:	Copper	Vapor Recovery Flag:	
Pipe Corrosion Protection:	None		

MPCA Map Regulated Tank Systems

Item ID:	213853-EQUI0000000001	Longitude:	-93.02817146
Int Doc ID:	0	Ctu Name:	Maplewood
Spatial ID:		Cong Dist:	4
SI Type:	USTS	House Dist:	43B
SI Cat:	EQUI	Senate Dist:	43
SI ID:	1	Huc8:	07010206
SI Cat Desc:	Equipment	Huc8 Name:	Mississippi River - Twin Cities
SI Type Desc:	Underground Storage Tank System	Huc10:	0701020608
SI Designation:	001	Huc12:	070102060803
Status Desc:	Closed In-Place	Huc12 Name:	Lake Phalen
Status Date:	7/27/2016 8:00 PM	Dwsma Code:	
Install Date:	-2208988800000	Dwsma Name:	
AI Prg Code:	UT	Trdsqq:	
AI Program:	Underground Tanks	Pls Twsp:	
Compartments:	1	Range :	
Substance:	Fuel Oil #2	Range Dir:	
Capacity:	2000	Section:	
Overfill Prevent Desc:	UST Not needed	Quarters:	
Loc Desc:		Method Desc:	Digitized - MPCA internal map
County:	Ramsey	Ref Desc:	Copied from Agency Interest
Latitude:	44.99224669		
Description:	2,000 ga. fuel oil tank closed in place 7/28/2016, registered 8/29/2016		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Maplewood MN

Item ID:	213853-AREA0000000001	Federal Re:	
Project ID:	LS0020167	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.99224593
Petrol Brownfield?:		Longitude:	-93.02816824
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:	Yes		
Project Name:	McDonough Residence		
Site Address 1:	1715 East Larpenr Ave		
Site Address 2:			
Site City:	Maplewood		
Site State:	MN		
Site Zip:	55109		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Katherine Lewison (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	213853	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	43B
Site Type:	CON	Senate Dis:	43
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	McDonough Residence		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:			
WIMN Url:	https://webapp.pca.state.mn.us/wimn/site/213853		

Spatial Remediation Activity

AI ID:	213853	Site Start:	28-Jul-2016
Site ID:	LS0020167	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	08-Nov-2016	NPL List:	
Leak Discovered:	28-Jul-2016	NPL Delete:	
Leak Reported:	28-Jul-2016	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW20160001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2016	App Comple:	
Discovered:		Er Site Ev:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of 1	N	0.30 / 1,598.15	954.64 / 20	O'Reilly Auto Parts - 2074 1804 N St Paul Rd Maplewood MN 55109	MPCA AI

Item ID:	133350-AISI0000133350	County Code:	123
Agency Interest ID:	133350	County:	Ramsey
Status:	Active	CTU Code:	239584
Status Dat:		CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	43B
MPCA Program Desc:	Hazardous Waste	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	133350	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	30-Sep-2010	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9934211
Spatial ID:	58710704	Longitude:	-93.0245497
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

41	1 of 3	S	0.30 / 1,603.72	942.41 / 8	White Bear Avenue Midas Muffler Shop 1415 White Bear Ave N St. Paul MN 55106	HIST LUST
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Prog Int ID:	55662136	Address Source:	CORE
Site ID:	31938	Township Name:	
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	40070
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	41938	Lat Degrees:	44
Tank Site:	17560	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	2.75
Interest Start Dt:	04/20/2009 00:00:00	Long Degrees:	-93
Interest End Dt:	12/20/2013 14:35:50	Long Minutes:	1
Active?:	No	Long Seconds:	31.52
Timestamp Added:	04/20/2009 10:52:44	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:06	Lat/Long Site ID:	31938
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	55662137
Source:	CORE	Collection Date:	03/12/2010 17:47:42
Coord Src Type:	2	Map Scale Code:	E
Coord Src Desc:	State	Org Name Source:	MPCA
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	05/13/1999 13:38:28		
Addr Timestamp Lst Updt:	05/28/2009 11:49:38		
Addr Updater Staff ID:	BOLSON1		
Lat/Long Timestamp Added:	08/28/2000 10:31:51		
Lat/Long Tmstmp Last Upd:	03/12/2010 18:14:20		
Lat/Long Updater Staff ID:	MAPT_NC		
Lat/Long Desc:			
Coord Coll Method Desc:	Address Matching House Number		
Coord Coll Method Code:	A1		
Comments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Leak Site

Complete Site Closure Date: 05/10/2010 00:00:00
Cond Closure Date:
Release Discovered Date: 04/17/2009 00:00:00
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 04/17/2009 00:00:00
Tank Reg Status Code: N
TMSP Added: 04/20/2009 11:00:57
TMSP Last Updt: 12/20/2013 14:35:53
CU Yds Excavated Qty:
ENF Action Begin Date: 04/22/2009 00:00:00
Residence Type Code:
File Archive Box:
File Archive Lot:
Soil Digout Date:
Staff ID Last Updt: GZARLIN
Std Letter Response Date: 05/22/2009 00:00:00
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag: No
LUST Trust Eligible Flag: No
Offsite Contam Flag: N
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: Yes
Soil Gas Action Level Flag: Yes
Soil Gas Data Collected Flag: Yes
Sub Slab Sample Collected Flag: Yes
Surface Water Impact Flag: N
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag: Yes
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments: Petroleum levels were fairly low, but Perc was elevated.
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 120032
Leak Product Desc: Hydraulic Fluid
Leak Product Defn: The product is hydraulic fluid.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: AVANCLE
Staff ID Wellhead Area Assess: 7614
TMSP Added: 04/30/2010 09:31:00
TMSP Last Updt: 04/30/2010 09:31:00
Water Supply Exceeds Ral Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag: N
Free Product at Close Flag: No
Free Product Observed Flag: N
Free Product Thickness:
Ground Water Contam Flag: Y
GW Cleanup Goal:
GW Exceeds Cleanup Goal Flag:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Impacted Aquifer Code:
 MTBE High Level Date:
 MTBE High Ug Per Liter Char:
 MTBE High Ug Per Liter Numb:
 MTBE Present Historically Flag:
 MTBE Present Now Flag: N
 Protected Area Flag: No
 PWS Well Impacted Flag: No
 Sensitive Area Flag: No

41	2 of 3	S	0.30 / 1,603.72	942.41 / 8	Midas Muffler Shop - White Bear Ave 1415 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	23864-AISI0000023864	County Code:	123
Agency Interest ID:	23864	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW, PR	House District:	67A
MPCA Program Desc:	Hazardous Waste, Petroleum Remediation	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	23864	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtr:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	CEN	DWSMA Name:	
Ref Desc:	Center of Feature Represented	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	02-Jun-2020	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	02-Jun-2020	PLS Quarters:	
User Updt:	geo_nc	Latitude:	44.98410226
Spatial ID:	21560	Longitude:	-93.02564752
Method Code:	DM	Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest		
Location Description:			

41	3 of 3	S	0.30 / 1,603.72	942.41 / 8	White Bear Avenue Midas Muffler Shop 1415 White Bear Ave N Saint Paul MN	LST REM SITE
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Item ID:	23864-AREA0000000001	Federal Re:	
Project ID:	LS0017560	Fed State:	
Project Type:	Leak Site	Non Reg:	Yes
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98409877
Petrol Brownfield?:		Longitude:	-93.02564666
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	White Bear Avenue Midas Muffler Shop		
Site Address 1:	1415 White Bear Ave N		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address1 (RAP):
 Address2(RAP):
 City (RAP):
 State (RAP):
 Zip (RAP):
 Project Ma: Gary Zarling (former)
 Data Source: MPCA Remediation Sites

Remediation Sites Details

Activity ID:	23864	DWSMA Code:	
SI ID:	1	DWSMA Name:	
SI Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Midas Muffler Shop - White Bear Ave		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Audrey Van Cleve (no longer at MPCA)		
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/23864		

Spatial Remediation Activity

AI ID:	23864	Site Start:	17-Apr-2009
Site ID:	LS0017560	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	10-May-2010	NPL List:	
Leak Discovered:	17-Apr-2009	NPL Delete:	
Leak Reported:	17-Apr-2009	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW20090001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2009	App Comple:	
Discovered:		Er Site Ev:	

42	1 of 6	NNE	0.31 / 1,654.02	966.36 / 32	Goodyear 1735 Van Dyke St Ste 1 Maplewood MN 55109	HIST LEAKSITES
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Prog Int ID:	220729	Address Source:	CORE
Site ID:	31839	Township Name:	
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	58980
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	41839	Lat Degrees:	44
Tank Site:	8146	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	37.61
Interest Start Dt:	09/16/1997 00:00:00	Long Degrees:	-93
Interest End Dt:	12/03/2009 07:23:42	Long Minutes:	1
Active?:	No	Long Seconds:	21.78
Timestamp Added:	11/21/2006 08:01:36	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:06	Lat/Long Site ID:	31839
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	51821246
Source:	CORE	Collection Date:	03/12/2010 17:47:41
Coord Src Type:	2	Map Scale Code:	T
Coord Src Desc:		Org Name Source:	MPCA
Foreign State:		Foreign Zone:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
FIPS County Cd1:	123					
Addr Timestmp Add:		05/13/1999 13:38:27				
Addr Timestamp Lst Updt:		12/03/2009 07:22:35				
Addr Updater Staff ID:		BOLSON1				
Lat/Long Timestamp Added:		02/24/2001 00:00:00				
Lat/Long Tmstmp Last Upd:		03/12/2010 18:15:10				
Lat/Long Updater Staff ID:		MAPT_NC				
Lat/Long Desc:						
Coord Coll Method Desc:		Address Matching House Number				
Coord Coll Method Code:		A1				
Comments:						

Leak Site

Complete Site Closure Date:	01/09/1996 00:00:00
Cond Closure Date:	
Release Discovered Date:	01/09/1995 00:00:00
Leaksite Type Code:	3
Leaksite Type Desc:	Both Leak/PBP Site
Leak Report Date:	01/10/1995 00:00:00
Tank Reg Status Code:	F
TMSP Added:	12/04/1999 14:03:49
TMSP Last Updt:	11/24/2008 20:03:37
CU Yds Excavated Qty:	0
ENF Action Begin Date:	01/12/1995 00:00:00
Residence Type Code:	
File Archive Box:	13
File Archive Lot:	98/206
Soil Digout Date:	12/07/1995 00:00:00
Staff ID Last Updt:	SYSTEM
Std Letter Response Date:	01/15/1995 00:00:00
VPIC Acres:	
VPIC Application Date:	
Contam Soils Remaining Flag:	Y
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	Yes
Offsite Contam Flag:	U
REIMB Awarded Flag:	No
Release From AST Flag:	No
Release From UST Flag:	No
Soil Gas Action Level Flag:	
Soil Gas Data Collected Flag:	
Sub Slab Sample Collected Flag:	
Surface Water Impact Flag:	U
Utility Project Flag:	No
Vapor Intrusion Action Flag:	
Vapor Intrusion Checked Flag:	
Leaksite Type Defn:	Both leak and a PBP site.
Soil Gas Data Comments:	
Vapor Intrusion Comments:	

Leak Product RIs

Product RIs Seq ID:	322603
Leak Product Desc:	Used Oil
Leak Product Defn:	The product is used oil.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	
Affected Residential Props:	
Staff ID Last Updt:	RSUCHAN
Staff ID Wellhead Area Assess:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
TMSP Added:		12/04/1999 14:07:32				
TMSP Last Updt:		11/04/2003 12:57:07				
Water Supply Exceeds Ral Flag:						
Cleanup Goal Achieved Flag:						
DW Supply Contam Flag:						
Free Product at Close Flag:						
Free Product Observed Flag:						
Free Product Thickness:						
Ground Water Contam Flag:		S				
GW Cleanup Goal:		0				
GW Exceeds Cleanup Goal Flag:						
Impacted Aquifer Code:						
MTBE High Level Date:						
MTBE High Ug Per Liter Char:						
MTBE High Ug Per Liter Numb:						
MTBE Present Historically Flag:						
MTBE Present Now Flag:						
Protected Area Flag:						
PWS Well Impacted Flag:						
Sensitive Area Flag:						

42	2 of 6	NNE	0.31 / 1,654.02	966.36 / 32	1st Choice Auto Repair 1735 Van Dyke St Ste 3 Maplewood MN 55109	MPCA AI
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Item ID:	119190-AISI0000119190	County Code:	123
Agency Interest ID:	119190	County:	Ramsey
Status:	Active	CTU Code:	239584
Status Dat:		CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	43B
MPCA Program Desc:	Hazardous Waste	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	119190	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	07-Dec-2009	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9932186
Spatial ID:	57326187	Longitude:	-93.0227642
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

42	3 of 6	NNE	0.31 / 1,654.02	966.36 / 32	Performance Transmission 1735 Van Dyke St Ste 1 Maplewood MN 55109	MPCA AI
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Item ID:	24894-AISI0000024894	County Code:	123
Agency Interest ID:	24894	County:	Ramsey
Status:	Active	CTU Code:	239584
Status Dat:		CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW, PR, UT	House District:	43B
MPCA Program Desc:	Hazardous Waste, Petroleum Remediation, Underground Tanks	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Subject Item Ctgry:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	24894				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	28-Sep-2015				PLS Range:	
Tmsp Creat:	26-Jul-1999				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.99323748	
Spatial ID:	21779				Longitude: -93.02275948	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

42	4 of 6	NNE	0.31 / 1,654.02	966.36 / 32	One Day Auto 1735 Van Dyke St Ste 2 Maplewood MN 55109	MPCA AI
Item ID:	99744-AISI0000099744				County Code: 123	
Agency Interest ID:	99744				County: Ramsey	
Status:	Active				CTU Code: 239584	
Status Dat:					CTU Name: Maplewood	
Document ID:	0				Congress District Cd: 4	
Program:					House District: 43B	
MPCA Program Desc:					Senate District: 43	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgry:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	99744				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	07-Apr-2016				PLS Range:	
Tmsp Creat:	03-Apr-2006				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9932186	
Spatial ID:	51085890				Longitude: -93.0227642	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

42	5 of 6	NNE	0.31 / 1,654.02	966.36 / 32	Goodyear 1735 Van Dyke St Ste 1 Maplewood MN	LST REM SITE
Item ID:	24894-AREA0000000001				Federal Re: Yes	
Project ID:	LS0008146				Fed State:	
Project Type:	Leak Site				Non Reg:	
Project ID (RAP):					SEMS?:	
Project Type (RAP):					NPL:	
Site Status:	Closed				Unpermitted Dump?:	
Perm List of Prior?:					Latitude: 44.99356221	
Petrol Brownfield?:					Longitude: -93.02295231	
VIC Site?:					County (RAP):	
Sf Volunta:					Latitude (RAP):	
Inst Controls?:					Longitude (RAP):	
State Reg:						
Project Name:	Goodyear					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Address 1:		1735 Van Dyke St Ste 1				
Site Address 2:						
Site City:		Maplewood				
Site State:		MN				
Site Zip:		55109				
Site County:		Ramsey				
Project Name(RAP):						
Address1 (RAP):						
Address2(RAP):						
City (RAP):						
State (RAP):						
Zip (RAP):						
Project Ma:		James Joslyn (no longer at MPCA)				
Data Source:		MPCA Remediation Sites				

Remediation Sites Details

Activity ID:	24894	DWSMA Code:	
SI ID:	1	DWSMA Name:	
SI Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	43B
Site Type:	CON	Senate Dis:	43
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Performance Transmission		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:			
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/24894		

Spatial Remediation Activity

AI ID:	24894	Site Start:	10-Jan-1995
Site ID:	LS0008146	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	09-Jan-1996	NPL List:	
Leak Discovered:	09-Jan-1995	NPL Delete:	
Leak Reported:	10-Jan-1995	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19950001	FF Approved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1995	App Comple:	
Discovered:		Er Site Ev:	

42	6 of 6	NNE	0.31 / 1,654.02	966.36 / 32	Charles Belland & Son 1735 Van Dyke St Ste 4 Maplewood MN 55109	MPCA AI
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Item ID:	216797-AISI0000216797	County Code:	123
Agency Interest ID:	216797	County:	Ramsey
Status:	Active	CTU Code:	239584
Status Dat:		CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	HW	House District:	43B
MPCA Program Desc:	Hazardous Waste	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgy:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	216797	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	23-May-2017				PLS Range:	
Tmsp Creat:	23-May-2017				PLS Range Direction:	
User Creat:	swright1				PLS Section:	
Tmsp Updt:	23-May-2017				PLS Quarters:	
User Updt:	geo_nc				Latitude: 44.992817	
Spatial ID:					Longitude: -93.023241	
Method Code:	DP				Method Desc: Digitized - MPCA online map	
Subject Item Category Desc:	Agency Interest					
Location Description:						

[43](#) 1 of 1 N 0.32 / 1,685.79 958.19 / 24 Family Health Services PA 1814 North St Paul Rd Maplewood MN 55109 MPCA AI

Item ID:	123454-AISI0000123454	County Code:	123
Agency Interest ID:	123454	County:	Ramsey
Status:	Inactive	CTU Code:	239584
Status Dat:	2/23/2008	CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:		House District:	43B
MPCA Program Desc:		Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgy:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	123454	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	22-Feb-2008	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.9937773
Spatial ID:	54231705	Longitude:	-93.0241108
Method Code:	A1	Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
Location Description:			

[44](#) 1 of 6 NNE 0.33 / 1,718.76 966.68 / 32 Former Builders Square 1740 Van Dyke St Maplewood MN 55109 HIST LEAKSITES

Prog Int ID:	225934	Address Source:	CORE
Site ID:	74090	Township Name:	
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	54942
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	125800	Lat Degrees:	44
Tank Site:	13212	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	37.84
Interest Start Dt:	12/30/1999 00:00:00	Long Degrees:	-93
Interest End Dt:	03/19/2012 16:32:28	Long Minutes:	1
Active?:	No	Long Seconds:	15.14
Timestamp Added:	12/01/2006 08:13:03	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:05	Lat/Long Site ID:	74090
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	51842786
Source:	CORE	Collection Date:	03/19/2012 16:31:32
Coord Src Type:		Map Scale Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Coord Src Desc:					Org Name Source:	
Foreign State:					Foreign Zone:	
FIPS County Cd1:	123					
Addr Timestmp Add:		07/17/2000 15:19:10				
Addr Timestamp Lst Updt:		01/22/2009 14:19:38				
Addr Updater Staff ID:		MKIMLIN				
Lat/Long Timestamp Added:		09/14/2000 15:35:53				
Lat/Long Tmstmp Last Upd:		03/19/2012 16:31:32				
Lat/Long Updater Staff ID:		MAPTOOL				
Lat/Long Desc:						
Coord Coll Method Desc:		Digitized - Map Tool				
Coord Coll Method Code:		DM				
Comments:						

Leak Site

Complete Site Closure Date:	03/23/2000 00:00:00
Cond Closure Date:	
Release Discovered Date:	12/01/1999 00:00:00
Leaksite Type Code:	3
Leaksite Type Desc:	Both Leak/PBP Site
Leak Report Date:	12/16/1999 00:00:00
Tank Reg Status Code:	F
TMSP Added:	12/30/1999 15:32:28
TMSP Last Updt:	05/19/2014 13:30:18
CU Yds Excavated Qty:	
ENF Action Begin Date:	01/10/2000 00:00:00
Residence Type Code:	
File Archive Box:	
File Archive Lot:	
Soil Digout Date:	
Staff ID Last Updt:	DBOETTC
Std Letter Response Date:	
VPIC Acres:	
VPIC Application Date:	
Contam Soils Remaining Flag:	U
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	Yes
Offsite Contam Flag:	U
REIMB Awarded Flag:	No
Release From AST Flag:	No
Release From UST Flag:	No
Soil Gas Action Level Flag:	
Soil Gas Data Collected Flag:	
Sub Slab Sample Collected Flag:	
Surface Water Impact Flag:	U
Utility Project Flag:	No
Vapor Intrusion Action Flag:	
Vapor Intrusion Checked Flag:	
Leaksite Type Defn:	Both leak and a PBP site.
Soil Gas Data Comments:	
Vapor Intrusion Comments:	

Leak Product RIs

Product RIs Seq ID:	35697
Leak Product Desc:	Waste Oil
Leak Product Defn:	The product is waste oil.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	
Affected Residential Props:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
Staff ID Last Updt: Staff ID Wellhead Area Assess: TMSP Added: TMSP Last Updt: Water Supply Exceeds Ral Flag: Cleanup Goal Achieved Flag: DW Supply Contam Flag: Free Product at Close Flag: Free Product Observed Flag: Free Product Thickness: Ground Water Contam Flag: GW Cleanup Goal: GW Exceeds Cleanup Goal Flag: Impacted Aquifer Code: MTBE High Level Date: MTBE High Ug Per Liter Char: MTBE High Ug Per Liter Numb: MTBE Present Historically Flag: MTBE Present Now Flag: Protected Area Flag: PWS Well Impacted Flag: Sensitive Area Flag:		RSUCHAN					
44	2 of 6	NNE	0.33 / 1,718.76	966.68 / 32	Former Shoppers City Gas Station 1740 Van Dyke St Maplewood MN 55109	HIST LEAKSITES	
Prog Int ID:	225933				Address Source:	CORE	
Site ID:	247621				Township Name:	White Bear	
State County Code:	62				County Name:	Ramsey	
Country:	USA				Lat/Long ID:	134055	
Interest Type Cd:	LS				Interest Type Dsc:	Leak Site	
ADDR ID:	125800				Lat Degrees:	44	
Tank Site:	13211				Lat Minutes:	59	
Interest Phone:	NO CORE PI PH.				Lat Seconds:	40.44	
Interest Start Dt:	12/30/1999 00:00:00				Long Degrees:	-93	
Interest End Dt:	03/19/2012 16:22:59				Long Minutes:	1	
Active?:	No				Long Seconds:	18.92	
Timestamp Added:	12/01/2006 08:13:03				Lat/Long Source:	CORE	
Timestamp Updt:	11/10/2014 08:17:05				Lat/Long Site ID:	247621	
Staff ID Updt:	RGAGLE				Lat/Long Spatial ID:	51842784	
Source:	CORE				Collection Date:	03/19/2012 16:10:03	
Coord Src Type:					Map Scale Code:		
Coord Src Desc:					Org Name Source:		
Foreign State:					Foreign Zone:		
FIPS County Cd1:	123						
Addr Timestamp Add:	07/17/2000 15:19:10						
Addr Timestamp Lst Updt:	01/22/2009 14:19:38						
Addr Updater Staff ID:	MKIMLIN						
Lat/Long Timestamp Added:	12/01/2006 08:13:06						
Lat/Long Tmstmp Last Upd:	03/19/2012 16:10:04						
Lat/Long Updater Staff ID:	MAPTOOL						
Lat/Long Desc:							
Coord Coll Method Desc:	Digitized - Map Tool						
Coord Coll Method Code:	DM						
Comments:							
Leak Site							
Complete Site Closure Date:	05/08/2000 00:00:00						
Cond Closure Date:							
Release Discovered Date:	12/01/1999 00:00:00						
Leaksite Type Code:	3						
Leaksite Type Desc:	Both Leak/PBP Site						
Leak Report Date:	12/16/1999 00:00:00						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Reg Status Code:		F				
TMSP Added:		12/30/1999 15:26:30				
TMSP Last Updt:		05/16/2014 13:19:03				
CU Yds Excavated Qty:						
ENF Action Begin Date:		01/10/2000 00:00:00				
Residence Type Code:						
File Archive Box:						
File Archive Lot:						
Soil Digout Date:						
Staff ID Last Updt:		DBOETTC				
Std Letter Response Date:						
VPIC Acres:						
VPIC Application Date:						
Contam Soils Remaining Flag:		U				
Indoor Air Collected Flag:						
LUST Trust Eligible Flag:		Yes				
Offsite Contam Flag:		U				
REIMB Awarded Flag:		No				
Release From AST Flag:		No				
Release From UST Flag:		No				
Soil Gas Action Level Flag:						
Soil Gas Data Collected Flag:						
Sub Slab Sample Collected Flag:						
Surface Water Impact Flag:		U				
Utility Project Flag:		No				
Vapor Intrusion Action Flag:						
Vapor Intrusion Checked Flag:						
Leaksite Type Defn:		Both leak and a PBP site.				
Soil Gas Data Comments:						
Vapor Intrusion Comments:						

Leak Product RIs

Product RIs Seq ID:	15890
Leak Product Desc:	Gasoline, Type Unknown
Leak Product Defn:	The product is an unknown type of gasoline.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	
Affected Residential Props:	
Staff ID Last Updt:	RSUCHAN
Staff ID Wellhead Area Assess:	
TMSP Added:	12/30/1999 15:26:30
TMSP Last Updt:	11/04/2003 12:57:09
Water Supply Exceeds Ral Flag:	
Cleanup Goal Achieved Flag:	
DW Supply Contam Flag:	
Free Product at Close Flag:	
Free Product Observed Flag:	
Free Product Thickness:	
Ground Water Contam Flag:	
GW Cleanup Goal:	
GW Exceeds Cleanup Goal Flag:	
Impacted Aquifer Code:	
MTBE High Level Date:	
MTBE High Ug Per Liter Char:	
MTBE High Ug Per Liter Numb:	
MTBE Present Historically Flag:	
MTBE Present Now Flag:	
Protected Area Flag:	
PWS Well Impacted Flag:	
Sensitive Area Flag:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	3 of 6	NNE	0.33 / 1,718.76	966.68 / 32	Former Shoppers City Gas Station 1740 Van Dyke St Maplewood MN 55109	MPCA AI
Item ID:		196771-AISI0000196771		County Code:		123
Agency Interest ID:		196771		County:		Ramsey
Status:		Active		CTU Code:		239584
Status Dat:				CTU Name:		Maplewood
Document ID:		0		Congress District Cd:		4
Program:		PR		House District:		43B
MPCA Program Desc:		Petroleum Remediation		Senate District:		43
Subject Item Type:		CON		HUC8:		07010206
Subject Item Ctgr:		AISL		HUC8 Name:		Mississippi River - Twin Cities
Subject Item ID:		196771		HUC10:		0701020608
Subj Item Type Dsc:		Conventional Site		HUC12:		070102060803
Subj Item Designtn:				HUC12 Name:		Lake Phalen
Description:				DWSMA Code:		47
Ref Code:		GEN		DWSMA Name:		North Saint Paul
Ref Desc:		General Location		TRDSQQ:		
Verified:		No		PLS Township:		
Collection:		26-Apr-2016		PLS Range:		
Tmsp Creat:		01-Dec-2006		PLS Range Direction:		
User Creat:		DELTA_M_R2		PLS Section:		
Tmsp Updt:		26-Apr-2016		PLS Quarters:		
User Updt:		spatial_		Latitude:		44.9945669
Spatial ID:		51842783		Longitude:		-93.0219242
Method Code:		DM		Method Desc:		Digitized - MPCA internal map
Subject Item Category Desc:		Agency Interest				
Location Description:						
44	4 of 6	NNE	0.33 / 1,718.76	966.68 / 32	Woodland Hills Church 1740 Van Dyke St Saint Paul MN 55109	MPCA AI
Item ID:		50468-AISI0000050468		County Code:		123
Agency Interest ID:		50468		County:		Ramsey
Status:		Inactive		CTU Code:		239584
Status Dat:		3/19/2012 4:32:28 PM		CTU Name:		Maplewood
Document ID:		0		Congress District Cd:		4
Program:		CS, HW, PR, UT		House District:		43B
MPCA Program Desc:		Construction Stormwater, Hazardous Waste, Petroleum Remediation, Underground Tanks		Senate District:		43
Subject Item Type:		CON		HUC8:		07010206
Subject Item Ctgr:		AISL		HUC8 Name:		Mississippi River - Twin Cities
Subject Item ID:		50468		HUC10:		0701020608
Subj Item Type Dsc:		Conventional Site		HUC12:		070102060803
Subj Item Designtn:				HUC12 Name:		Lake Phalen
Description:				DWSMA Code:		47
Ref Code:		GEN		DWSMA Name:		North Saint Paul
Ref Desc:		General Location		TRDSQQ:		
Verified:		No		PLS Township:		
Collection:		27-Sep-2015		PLS Range:		
Tmsp Creat:		21-Jul-2000		PLS Range Direction:		
User Creat:		DELTA_M_R1		PLS Section:		
Tmsp Updt:		18-Oct-2019		PLS Quarters:		
User Updt:		swright1		Latitude:		44.9938465
Spatial ID:		53701		Longitude:		-93.0208733
Method Code:		DM		Method Desc:		Digitized - MPCA internal map
Subject Item Category Desc:		Agency Interest				
Location Description:						
44	5 of 6	NNE	0.33 / 1,718.76	966.68 / 32	Former Shoppers City Gas Station 1740 Van Dyke St	LST REM SITE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Maplewood MN

Item ID:	196771-AREA0000000001	Federal Re:	Yes
Project ID:	LS0013211	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.99456694
Petrol Brownfield?:		Longitude:	-93.0219242
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Former Shoppers City Gas Station		
Site Address 1:	1740 Van Dyke St		
Site Address 2:			
Site City:	Maplewood		
Site State:	MN		
Site Zip:	55109		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Mark Koplitz (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	196771	DWSMA Code:	47
SI ID:	1	DWSMA Name:	North Saint Paul
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	43B
Site Type:	CON	Senate Dis:	43
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Former Shoppers City Gas Station		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Bassou Oulgout (former)		
WIMN Url:	https://webapp.pca.state.mn.us/wimn/site/196771		

Spatial Remediation Activity

AI ID:	196771	Site Start:	16-Dec-1999
Site ID:	LS0013211	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	08-May-2000	NPL List:	
Leak Discovered:	01-Dec-1999	NPL Delete:	
Leak Reported:	16-Dec-1999	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19990001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1999	App Comple:	
Discovered:		Er Site Ev:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	6 of 6	NNE	0.33 / 1,718.76	966.68 / 32	Former Builders Square 1740 Van Dyke St Maplewood MN	LST REM SITE

Item ID: 50468-AREA0000000001
Project ID: LS0013212
Project Type: Leak Site
Project ID (RAP):
Project Type (RAP):
Site Status: Closed
Perm List of Prior?:
Petrol Brownfield?:
VIC Site?:
Sf Volunta:
Inst Controls?:
State Reg:
Project Name: Former Builders Square
Site Address 1: 1740 Van Dyke St
Site Address 2:
Site City: Maplewood
Site State: MN
Site Zip: 55109
Site County: Ramsey
Project Name(RAP):
Address1 (RAP):
Address2(RAP):
City (RAP):
State (RAP):
Zip (RAP):
Project Ma: Mark Koplitz (former)
Data Source: MPCA Remediation Sites

Remediation Sites Details

Activity ID: 50468
SI ID: 1
SI Cat: AREA
SI Type: LEAK
Site Type: CON
Acreage: 0
HRS Score: 0
Score Year:
AI Name: Woodland Hills Church
Loc Desc:
Method Des: Digitized - MPCA internal map
Huc8 Name: Mississippi River - Twin Cities
Huc12 Name: Lake Phalen
Hydrologis:
WIMN Url: <https://webapp.pca.state.mn.us/wimn/site/50468>

DWSMA Code: 47
DWSMA Name: North Saint Paul
Cong Dist: 4
House Dist: 43B
Senate Dis: 43
HUC 8: 07010206
HUC 10: 0701020608
HUC 12: 070102060803

Spatial Remediation Activity

AI ID: 50468
Site ID: LS0013212
SI ID: 1
SI Cat: AREA
NFA Decisi:
Site Close: 23-Mar-2000
Leak Discovered: 01-Dec-1999
Leak Reported: 16-Dec-1999
Leak Reopened:
Activity No: 1
Activity ID: SIW19990001
Activity Type: Leak Site Investigation
Activity Code: SIW
Activity Year: 1999

Site Start: 16-Dec-1999
Remedy Imp:
Remedy Sel:
ASMT Compl:
Received:
NPL List:
NPL Delete:
PLP List:
PLP Delist:
Staff Assi:
FF Aproved:
FF Closed:
Inv Comple:
App Comple:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Discovered:				Er Site Ev:		

[45](#) 1 of 3 N 0.33 / 1,751.86 958.02 / 24 SuperAmerica #4022 1750 White Bear Ave N Maplewood MN 55109 **HIST LUST**

Prog Int ID:	218154	Address Source:	CORE
Site ID:	32731	Township Name:	
State County Code:	62	County Name:	Ramsey
Country:	USA	Lat/Long ID:	59186
Interest Type Cd:	LS	Interest Type Dsc:	Leak Site
ADDR ID:	42731	Lat Degrees:	44
Tank Site:	5487	Lat Minutes:	59
Interest Phone:	NO CORE PI PH.	Lat Seconds:	38.46
Interest Start Dt:	08/17/1999 00:00:00	Long Degrees:	-93
Interest End Dt:	03/19/2012 16:41:57	Long Minutes:	1
Active?:	No	Long Seconds:	27.44
Timestamp Added:	11/17/2006 06:58:18	Lat/Long Source:	CORE
Timestamp Updt:	11/10/2014 08:17:05	Lat/Long Site ID:	32731
Staff ID Updt:	RGAGLE	Lat/Long Spatial ID:	51752966
Source:	CORE	Collection Date:	03/19/2012 16:42:59
Coord Src Type:	2	Map Scale Code:	T
Coord Src Desc:	State	Org Name Source:	MPCA
Foreign State:		Foreign Zone:	
FIPS County Cd1:	123		
Addr Timestamp Add:	05/13/1999 13:38:31		
Addr Timestamp Lst Updt:	09/08/2008 06:40:21		
Addr Updater Staff ID:	BOLSON1		
Lat/Long Timestamp Added:	02/24/2001 00:00:00		
Lat/Long Tmstmp Last Upd:	03/19/2012 16:43:00		
Lat/Long Updater Staff ID:	MAPTOOL		
Lat/Long Desc:			
Coord Coll Method Desc:	Digitized - Map Tool		
Coord Coll Method Code:	DM		
Comments:			

Leak Site

Complete Site Closure Date:	11/05/2009 00:00:00
Cond Closure Date:	
Release Discovered Date:	08/03/1992 00:00:00
Leaksite Type Code:	1
Leaksite Type Desc:	Leak Site
Leak Report Date:	08/03/1992 00:00:00
Tank Reg Status Code:	F
TMSP Added:	12/04/1999 14:03:53
TMSP Last Updt:	04/22/2010 09:25:37
CU Yds Excavated Qty:	800
ENF Action Begin Date:	08/07/1992 00:00:00
Residence Type Code:	
File Archive Box:	
File Archive Lot:	
Soil Digout Date:	08/04/1992 00:00:00
Staff ID Last Updt:	JPENNIN
Std Letter Response Date:	08/17/1999 00:00:00
VPIC Acres:	
VPIC Application Date:	
Contam Soils Remaining Flag:	Y
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	Yes
Offsite Contam Flag:	Y
REIMB Awarded Flag:	No
Release From AST Flag:	No
Release From UST Flag:	Yes
Soil Gas Action Level Flag:	Yes
Soil Gas Data Collected Flag:	Yes
Sub Slab Sample Collected	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Flag:
Surface Water Impact Flag: N
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag: Yes
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments: Soil vapor concentrations moderately above MDH HRV in source area and slightly above in offsite samples near residences. Unlikely risk to occupants of buildings.
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 324364
Leak Product Desc: Gasoline, Type Unknown
Leak Product Defn: The product is an unknown type of gasoline.

Leak GW Info

Well Type Code: 2
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: GZARLIN
Staff ID Wellhead Area Assess: 3371
TMSP Added: 12/04/1999 14:07:37
TMSP Last Updt: 11/05/2009 15:11:21
Water Supply Exceeds Ral Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag:
Free Product at Close Flag: Yes
Free Product Observed Flag: Y
Free Product Thickness: 1.5
Ground Water Contam Flag: Y
GW Cleanup Goal: 0
GW Exceeds Cleanup Goal Flag:
Impacted Aquifer Code: 3
MTBE High Level Date:
MTBE High Ug Per Liter Char:
MTBE High Ug Per Liter Numb:
MTBE Present Historically Flag: N
MTBE Present Now Flag:
Protected Area Flag: No
PWS Well Impacted Flag: No
Sensitive Area Flag: No

Leak Cleanup Act

Leak Action Seq ID: 101655	Product Rcvred Gal:
Leak Action Desc: AS/SVE	Product Rmved Gal:
Leak Action Apprv Dt: 08/22/2000 00:00:00	Treated Water Gal:
Leak Action Begin Dt: 05/01/2003 00:00:00	Corrective Rsn Cd: 5
Leak Action End Dt: 05/10/2007 00:00:00	

45	2 of 3	N	0.33 / 1,751.86	958.02 / 24	SuperAmerica 4022 1750 White Bear Ave N Maplewood MN 55109	MPCA AI
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Item ID: 25731-AISI0000025731	County Code: 123
Agency Interest ID: 25731	County: Ramsey
Status: Active	CTU Code: 239584
Status Dat:	CTU Name: Maplewood
Document ID: 0	Congress District Cd: 4
Program: HW, PR, UT	House District: 43B
MPCA Program Desc: Hazardous Waste, Petroleum Remediation,	Senate District: 43

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Subject Item Type:	Underground Tanks					
Subject Item Ctgry:	CON			HUC8:	07010206	
Subject Item ID:	AISI			HUC8 Name:	Mississippi River - Twin Cities	
Subj Item Type Dsc:	25731			HUC10:	0701020608	
Subj Item Designtn:	Conventional Site			HUC12:	070102060803	
Description:				HUC12 Name:	Lake Phalen	
Ref Code:	CEN			DWSMA Code:		
Ref Desc:	Center of Feature Represented			DWSMA Name:		
Verified:	No			TRDSQQ:		
Collection:	11-Jan-2021			PLS Township:		
Tmsp Creat:	26-Jul-1999			PLS Range:		
User Creat:	DELTA_M_R1			PLS Range Direction:		
Tmsp Updt:	11-Jan-2021			PLS Section:		
User Updt:	geo_nc			PLS Quarters:		
Spatial ID:	20754			Latitude:	44.99397891	
Method Code:	DM			Longitude:	-93.02444216	
Subject Item Category Desc:	Agency Interest			Method Desc:	Digitized - MPCA internal map	
Location Description:						

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3 of 3

N

0.33 /
1,751.86958.02 /
24SuperAmerica #4022
1750 White Bear Ave N
Maplewood MNLST
REM SITE

Item ID:	25731-AREA0000000001	Federal Re:	Yes
Project ID:	LS0005487	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.99397882
Petrol Brownfield?:		Longitude:	-93.02444223
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	SuperAmerica #4022		
Site Address 1:	1750 White Bear Ave N		
Site Address 2:			
Site City:	Maplewood		
Site State:	MN		
Site Zip:	55109		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Gary Zarling (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	25731	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	43B
Site Type:	CON	Senate Dis:	43
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	SuperAmerica 4022		
Loc Desc:	Unknown		
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Huc12 Name: Lake Phalen
Hydrologis: Jim Pennino (former)
WIMN Uri: https://webapp.pca.state.mn.us/wimn/site/25731

Spatial Remediation Activity

AI ID:	25731	Site Start:	
Site ID:	LS0005487	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:		NPL List:	
Leak Discovered:		NPL Delete:	
Leak Reported:		PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW20210001	FF Aproved:	
Activity Type:	Special Projects	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2021	App Comple:	
Discovered:		Er Site Ev:	

Spatial Remediation Activity

AI ID:	25731	Site Start:	03-Aug-1992
Site ID:	LS0005487	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	05-Nov-2009	NPL List:	
Leak Discovered:	03-Aug-1992	NPL Delete:	
Leak Reported:	03-Aug-1992	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19920001	FF Aproved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1992	App Comple:	
Discovered:		Er Site Ev:	

46	1 of 1	WNW	0.34 / 1,814.27	942.09 / 8	Presentation of Blessed Virgin Mary 1695 Kennard St Maplewood MN 55109	MPCA AI
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Item ID:	129716-AISI0000129716	County Code:	123
Agency Interest ID:	129716	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW, UT	House District:	67A
MPCA Program Desc:	Hazardous Waste, Underground Tanks	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	129716	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	27-Sep-2015	PLS Range:	
Tmsp Creat:	12-Sep-2006	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	26-Apr-2016	PLS Quarters:	
User Updt:	spatial_	Latitude:	44.991933

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Spatial ID:	51419792				Longitude:	-93.0304402
Method Code:	A1				Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest					
Location Description:						

47	1 of 1	N	0.35 / 1,859.72	959.37 / 25	Gruber's Power Equipment 1762 White Bear Ave N Maplewood MN 55109	MPCA AI
Item ID:	212575-AISI0000212575				County Code:	123
Agency Interest ID:	212575				County:	Ramsey
Status:	Active				CTU Code:	239584
Status Dat:					CTU Name:	Maplewood
Document ID:	0				Congress District Cd:	4
Program:	HW				House District:	43B
MPCA Program Desc:	Hazardous Waste				Senate District:	43
Subject Item Type:	CON				HUC8:	07010206
Subject Item Ctgr:	AISI				HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	212575				HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site				HUC12:	070102060803
Subj Item Designtn:					HUC12 Name:	Lake Phalen
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	01-Jul-2016				PLS Range:	
Tmsp Creat:	19-May-2016				PLS Range Direction:	
User Creat:	kkircho				PLS Section:	
Tmsp Updt:	01-Jul-2016				PLS Quarters:	
User Updt:	geo_nc				Latitude:	44.99397168
Spatial ID:					Longitude:	-93.02515412
Method Code:	A1				Method Desc:	Address Matching House Number
Subject Item Category Desc:	Agency Interest					
Location Description:						

48	1 of 1	S	0.39 / 2,038.15	948.71 / 14	Capital Improvement Project 2011 Address Unknown Little Canada MN 55117	MPCA AI
Item ID:	137951-AISI0000137951				County Code:	123
Agency Interest ID:	137951				County:	Ramsey
Status:	Inactive				CTU Code:	239651
Status Dat:	4/2/2012 12:26:03 PM				CTU Name:	Saint Paul
Document ID:	0				Congress District Cd:	4
Program:	CS				House District:	67A
MPCA Program Desc:	Construction Stormwater				Senate District:	67
Subject Item Type:	CON				HUC8:	07010206
Subject Item Ctgr:	AISI				HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	137951				HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site				HUC12:	070102060803
Subj Item Designtn:					HUC12 Name:	Lake Phalen
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	27-Sep-2015				PLS Range:	
Tmsp Creat:	20-Jan-2011				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude:	44.98283
Spatial ID:	59277093				Longitude:	-93.02536
Method Code:	DP				Method Desc:	Digitized - MPCA online map
Subject Item Category Desc:	Agency Interest					
Location Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
49	1 of 1	NW	0.40 / 2,094.48	969.73 / 35	Presentation of BVM Church 1735 Kennard St Maplewood MN 55109	MPCA AI
Item ID:	115057-AISI0000115057			County Code:	123	
Agency Interest ID:	115057			County:	Ramsey	
Status:	Active			CTU Code:	239584	
Status Dat:				CTU Name:	Maplewood	
Document ID:	0			Congress District Cd:	4	
Program:	UT			House District:	43B	
MPCA Program Desc:	Underground Tanks			Senate District:	43	
Subject Item Type:	CON			HUC8:	07010206	
Subject Item Ctgry:	AISI			HUC8 Name:	Mississippi River - Twin Cities	
Subject Item ID:	115057			HUC10:	0701020608	
Subj Item Type Dsc:	Conventional Site			HUC12:	070102060803	
Subj Item Designtn:				HUC12 Name:	Lake Phalen	
Description:				DWSMA Code:		
Ref Code:	GEN			DWSMA Name:		
Ref Desc:	General Location			TRDSQQ:		
Verified:	No			PLS Township:		
Collection:	27-Sep-2015			PLS Range:		
Tmsp Creat:	29-Aug-2006			PLS Range Direction:		
User Creat:	DELTA_M_R1			PLS Section:		
Tmsp Updt:	27-Nov-2018			PLS Quarters:		
User Updt:	vsetter			Latitude:	44.9936885	
Spatial ID:	51375592			Longitude:	-93.0304386	
Method Code:	A1			Method Desc:	Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

50	1 of 6	SSE	0.43 / 2,279.23	984.77 / 50	Hayden Heights Elementary School 1863 Clear Ave St. Paul MN 55119	HIST LUST
Prog Int ID:	213099			Address Source:	CORE	
Site ID:	216681			Township Name:	White Bear	
State County Code:	62			County Name:	Ramsey	
Country:	USA			Lat/Long ID:	139792	
Interest Type Cd:	LS			Interest Type Dsc:	Leak Site	
ADDR ID:	260194			Lat Degrees:	44	
Tank Site:	83			Lat Minutes:	58	
Interest Phone:	NO CORE PI PH.			Lat Seconds:	56.94	
Interest Start Dt:	06/10/1999 00:00:00			Long Degrees:	-93	
Interest End Dt:	11/09/2006 10:58:12			Long Minutes:	1	
Active?:	No			Long Seconds:	15.58	
Timestamp Added:	11/09/2006 10:58:12			Lat/Long Source:	CORE	
Timestamp Updt:	11/10/2014 08:17:05			Lat/Long Site ID:	216681	
Staff ID Updt:	RGAGLE			Lat/Long Spatial ID:	51649296	
Source:	CORE			Collection Date:	05/27/2008 12:39:14	
Coord Src Type:				Map Scale Code:		
Coord Src Desc:				Org Name Source:		
Foreign State:				Foreign Zone:		
FIPS County Cd1:	123					
Addr Timestamp Add:	08/29/2006 07:44:44					
Addr Timestamp Lst Updt:	11/04/2008 21:13:54					
Addr Updater Staff ID:	SYSTEM					
Lat/Long Timestamp Added:	05/27/2008 12:38:55					
Lat/Long Tmstmp Last Upd:	05/27/2008 12:39:14					
Lat/Long Updater Staff ID:	MAPTOOL					
Lat/Long Desc:						
Coord Coll Method Desc:	Digitized - Map Tool					
Coord Coll Method Code:	DM					
Comments:	wakeup sent for typing. 8/2/00\n\nChris McGaliget, Braun, 952/833-4769					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Leak Site

Complete Site Closure Date: 09/30/2003 00:00:00
Cond Closure Date:
Release Discovered Date: 01/09/1986 00:00:00
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 01/09/1986 00:00:00
Tank Reg Status Code: S
TMSP Added: 12/04/1999 14:03:42
TMSP Last Updt: 04/19/2016 11:45:35
CU Yds Excavated Qty: 95
ENF Action Begin Date: 01/09/1986 00:00:00
Residence Type Code:
File Archive Box:
File Archive Lot:
Soil Digout Date: 09/29/1987 00:00:00
Staff ID Last Updt: KSERIER
Std Letter Response Date: 04/10/1990 00:00:00
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: No
Offsite Contam Flag: N
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: Yes
Soil Gas Action Level Flag:
Soil Gas Data Collected Flag:
Sub Slab Sample Collected Flag:
Surface Water Impact Flag: N
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag:
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments:
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 325684
Leak Product Desc: Fuel Oil 1 & 2
Leak Product Defn: The product is fuel oil 1 & 2.

Leak GW Info

Well Type Code:
Affected Non Res Props:
Affected Residential Props:
Staff ID Last Updt: RSUCHAN
Staff ID Wellhead Area Assess:
TMSP Added: 12/04/1999 14:07:26
TMSP Last Updt: 11/04/2003 12:57:06
Water Supply Exceeds Ral Flag: No
Cleanup Goal Achieved Flag:
DW Supply Contam Flag:
Free Product at Close Flag:
Free Product Observed Flag: Y
Free Product Thickness:
Ground Water Contam Flag: Y
GW Cleanup Goal: 0
GW Exceeds Cleanup Goal: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Flag:
 Impacted Aquifer Code:
 MTBE High Level Date:
 MTBE High Ug Per Liter Char:
 MTBE High Ug Per Liter Numb:
 MTBE Present Historically Flag:
 MTBE Present Now Flag:
 Protected Area Flag:
 PWS Well Impacted Flag:
 Sensitive Area Flag:

Leak Cleanup Act

Leak Action Seq ID:	330299	Product Rcvred Gal:	
Leak Action Desc:	CAD Monitoring	Product Rmved Gal:	
Leak Action Apprv Dt:		Treated Water Gal:	
Leak Action Begin Dt:	01/01/1987 00:00:00	Corrective Rsn Cd:	
Leak Action End Dt:			

Leak Action Seq ID:	329398	Product Rcvred Gal:	396
Leak Action Desc:	Pump And Treat	Product Rmved Gal:	396
Leak Action Apprv Dt:		Treated Water Gal:	
Leak Action Begin Dt:	09/21/1992 00:00:00	Corrective Rsn Cd:	
Leak Action End Dt:			

50	2 of 6	SSE	0.43 / 2,279.23	984.77 / 50	Hayden Heights Elementary School 1863 Clear Ave E Saint Paul MN 55119	MPCA AI
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Item ID:	112374-AISI0000112374	County Code:	123
Agency Interest ID:	112374	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	BV, PR, SA, UT	House District:	67A
MPCA Program Desc:	Brownfields, Petroleum Remediation, Site Assessment, Underground Tanks	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	112374	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	GEN	DWSMA Name:	
Ref Desc:	General Location	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	30-May-2018	PLS Range:	
Tmsp Creat:	29-Aug-2006	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	30-May-2018	PLS Quarters:	
User Updt:	geo_nc	Latitude:	44.9824846
Spatial ID:	51376741	Longitude:	-93.020995
Method Code:	DM	Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest		
Location Description:			

50	3 of 6	SSE	0.43 / 2,279.23	984.77 / 50	ISD 625 - Hayden Heights 1863 Clear Ave Saint Paul MN 55119	MPCA AI
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Item ID:	26105-AISI0000026105	County Code:	123
Agency Interest ID:	26105	County:	Ramsey
Status:	Inactive	CTU Code:	239651
Status Dat:	10/20/2008	CTU Name:	Saint Paul

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document ID:	0				Congress District Cd: 4	
Program:	HW				House District: 67A	
MPCA Program Desc:	Hazardous Waste				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgry:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	26105				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	28-Sep-2015				PLS Range:	
Tmsp Creat:	26-Jul-1999				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9821866	
Spatial ID:	21962				Longitude: -93.0215561	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

50	4 of 6	SSE	0.43 / 2,279.23	984.77 / 50	Hayden Heights Elementary School 1863 Clear Ave Saint Paul MN	LST REM SITE
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Item ID:	112374-AREA0000000001	Federal Re:	
Project ID:	LS0000083	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98248782
Petrol Brownfield?:		Longitude:	-93.02099429
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:	Yes		
Project Name:	Hayden Heights Elementary School		
Site Address 1:	1863 Clear Ave		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55119		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Chris McLain (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	112374	DWSMA Code:	
SI ID:	1	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Hayden Heights Elementary School		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Loc Desc:
Method Des: Digitized - MPCA internal map
Huc8 Name: Mississippi River - Twin Cities
Huc12 Name: Lake Phalen
Hydrologis: Stephen Thompson (no longer at MPCA)
WIMN Uri: https://webapp.pca.state.mn.us/wimn/site/112374

Spatial Remediation Activity

AI ID:	112374	Site Start:	09-Jan-1986
Site ID:	LS0000083	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	30-Sep-2003	NPL List:	
Leak Discovered:	09-Jan-1986	NPL Delete:	
Leak Reported:	09-Jan-1986	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW19860001	FF Approved:	
Activity Type:	Leak Site Investigation	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	1986	App Comple:	
Discovered:		Er Site Ev:	

50	5 of 6	SSE	0.43 / 2,279.23	984.77 / 50	The Heights Elementary School 1863 Clear Ave E Saint Paul MN	BROWNFIELDS
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Item ID:	112374-AREA0000000003	Federal Re:	
Project ID:	BF0000762	Fed State:	
Project Type:	Brownfield Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98247294
Petrol Brownfield?:	Yes	Longitude:	-93.02137178
VIC Site?:	Yes	County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	The Heights Elementary School		
Site Address 1:	1863 Clear Ave E		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55119		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Britney Schuller (former), Christopher Formby (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	112374	DWSMA Code:	
SI ID:	3	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	BROW	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreeage:	3.73	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Score Year:				HUC 12:	070102060803	
AI Name:		Hayden Heights Elementary School				
Loc Desc:						
Method Des:		Digitized - MPCA internal map				
Huc8 Name:		Mississippi River - Twin Cities				
Huc12 Name:		Lake Phalen				
Hydrologis:						
WIMN Url:		https://webapp.pca.state.mn.us/wimn/site/112374				

Spatial Remediation Activity

AI ID:	112374	Site Start:	22-May-2018
Site ID:	BF0000762	Remedy Imp:	
SI ID:	3	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	22-May-2018
Site Close:	29-Jul-2020	NPL List:	
Leak Discovered:		NPL Delete:	
Leak Reported:		PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	30-May-2018
Activity ID:	SIW20180001	FF Approved:	
Activity Type:	Brownfield Site	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2018	App Comple:	29-May-2018
Discovered:		Er Site Ev:	

[50](#) 6 of 6 SSE 0.43 / 2,279.23 984.77 / 50 The Heights Elementary School 1863 Clear Ave E Saint Paul MN VIC

Item ID:	112374-AREA0000000003	Federal Re:	
Project ID:	BF0000762	Fed State:	
Project Type:	Brownfield Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98247294
Petrol Brownfield?:	Yes	Longitude:	-93.02137178
VIC Site?:	Yes	County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	The Heights Elementary School		
Site Address 1:	1863 Clear Ave E		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55119		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			
City (RAP):			
State (RAP):			
Zip (RAP):			
Project Ma:	Brittney Schuller (former), Christopher Formby (former)		
Data Source:	MPCA Remediation Sites		

Remediation Sites Details

Activity ID:	112374	DWSMA Code:	
SI ID:	3	DWSMA Name:	
Si Cat:	AREA	Cong Dist:	4
SI Type:	BROW	House Dist:	67A
Site Type:	CON	Senate Dis:	67

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Acreage:	3.73				HUC 8:	07010206
HRS Score:	0				HUC 10:	0701020608
Score Year:					HUC 12:	070102060803
AI Name:		Hayden Heights Elementary School				
Loc Desc:						
Method Des:		Digitized - MPCA internal map				
Huc8 Name:		Mississippi River - Twin Cities				
Huc12 Name:		Lake Phalen				
Hydrologis:						
WIMN Url:		https://webapp.pca.state.mn.us/wimn/site/112374				

Spatial Remediation Activity

AI ID:	112374	Site Start:	22-May-2018
Site ID:	BF0000762	Remedy Imp:	
SI ID:	3	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	22-May-2018
Site Close:	29-Jul-2020	NPL List:	
Leak Discovered:		NPL Delete:	
Leak Reported:		PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	30-May-2018
Activity ID:	SIW20180001	FF Approved:	
Activity Type:	Brownfield Site	FF Closed:	
Activity Code:	SIW	Inv Comple:	
Activity Year:	2018	App Comple:	29-May-2018
Discovered:		Er Site Ev:	

[51](#) 1 of 1 WNW 0.45 / 2,368.67 908.51 / -26 Larpenteur Ave at Prosperity Rd Pond MPCA AI

SAINT PAUL MN 55109

Item ID:	234773-AISI0000234773	County Code:	123
Agency Interest ID:	234773	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	CS	House District:	67A
MPCA Program Desc:	Construction Stormwater	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgr:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	234773	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtr:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	CEN	DWSMA Name:	
Ref Desc:	Center of Feature Represented	TRDSQQ:	
Verified:	No	PLS Township:	
Collection:	26-May-2020	PLS Range:	
Tmsp Creat:	26-May-2020	PLS Range Direction:	
User Creat:	RSP	PLS Section:	
Tmsp Updt:	26-May-2020	PLS Quarters:	
User Updt:	geo_nc	Latitude:	44.991844
Spatial ID:		Longitude:	-93.033437
Method Code:	DP	Method Desc:	Digitized - MPCA online map
Subject Item Category Desc:	Agency Interest		
Location Description:	Project is on a Ramsey County owned parcel in the southeast corner of Larpenteur Ave and Prosperity Rd in the City of St Paul *** Note:many records provided by the department have a truncated LOC_DESC field.		

[52](#) 1 of 1 WSW 0.46 / 2,422.57 941.30 / 7 Bobs Auto Parts 1571 Nebraska Ave E Saint Paul MN 55106 MPCA AI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Item ID:	29165-AISI0000029165				County Code: 123	
Agency Interest ID:	29165				County: Ramsey	
Status:	Inactive				CTU Code: 239651	
Status Dat:	4/15/2014				CTU Name: Saint Paul	
Document ID:	0				Congress District Cd: 4	
Program:	HW				House District: 67A	
MPCA Program Desc:	Hazardous Waste				Senate District: 67	
Subject Item Type:	CON				HUC8: 07010206	
Subject Item Ctgry:	AISI				HUC8 Name: Mississippi River - Twin Cities	
Subject Item ID:	29165				HUC10: 0701020608	
Subj Item Type Dsc:	Conventional Site				HUC12: 070102060803	
Subj Item Designtn:					HUC12 Name: Lake Phalen	
Description:					DWSMA Code:	
Ref Code:	GEN				DWSMA Name:	
Ref Desc:	General Location				TRDSQQ:	
Verified:	No				PLS Township:	
Collection:	07-Apr-2016				PLS Range:	
Tmsp Creat:	26-Jul-1999				PLS Range Direction:	
User Creat:	DELTA_M_R1				PLS Section:	
Tmsp Updt:	26-Apr-2016				PLS Quarters:	
User Updt:	spatial_				Latitude: 44.9866335	
Spatial ID:	23049				Longitude: -93.0339464	
Method Code:	A1				Method Desc: Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

[53](#)

1 of 2

N

0.47 /
2,485.00966.65 /
32Hejny Rental
1829 White Bear Ave
Maplewood MN 55109HIST
LEAKSITES

Prog Int ID:	219464				Address Source: CORE
Site ID:	31409				Township Name:
State County Code:	62				County Name: Ramsey
Country:	USA				Lat/Long ID: 58845
Interest Type Cd:	LS				Interest Type Dsc: Leak Site
ADDR ID:	278024				Lat Degrees: 44
Tank Site:	6836				Lat Minutes: 59
Interest Phone:	NO CORE PI PH.				Lat Seconds: 49.17
Interest Start Dt:	06/18/1996 00:00:00				Long Degrees: -93
Interest End Dt:	03/17/2009 13:22:54				Long Minutes: 1
Active?:	No				Long Seconds: 31.03
Timestamp Added:	11/17/2006 08:17:25				Lat/Long Source: CORE
Timestamp Updt:	11/10/2014 08:17:05				Lat/Long Site ID: 31409
Staff ID Updt:	RGAGLE				Lat/Long Spatial ID: 51754468
Source:	CORE				Collection Date: 03/12/2010 17:47:39
Coord Src Type:	2				Map Scale Code: T
Coord Src Desc:					Org Name Source: MPCA
Foreign State:					Foreign Zone:
FIPS County Cd1:	123				
Addr Timestamp Add:	08/29/2006 07:14:04				
Addr Timestamp Lst Updt:	11/04/2008 21:13:53				
Addr Updater Staff ID:	SYSTEM				
Lat/Long Timestamp Added:	02/24/2001 00:00:00				
Lat/Long Tmstmp Last Upd:	03/12/2010 18:15:14				
Lat/Long Updater Staff ID:	MAPT_NC				
Lat/Long Desc:					
Coord Coll Method Desc:	Address Matching House Number				
Coord Coll Method Code:	A1				
Comments:					

Leak Site

Complete Site Closure Date:	04/19/1994 00:00:00
Cond Closure Date:	
Release Discovered Date:	10/05/1993 00:00:00
Leaksite Type Code:	1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Leaksite Type Desc:		Leak Site				
Leak Report Date:		10/05/1993 00:00:00				
Tank Reg Status Code:		F				
TMSP Added:		12/04/1999 14:03:48				
TMSP Last Updt:		01/21/2014 15:50:17				
CU Yds Excavated Qty:		175				
ENF Action Begin Date:		10/05/1993 00:00:00				
Residence Type Code:						
File Archive Box:		02				
File Archive Lot:		96/307				
Soil Digout Date:		10/05/1993 00:00:00				
Staff ID Last Updt:		RTUSA				
Std Letter Response Date:						
VPIC Acres:						
VPIC Application Date:						
Contam Soils Remaining Flag:		N				
Indoor Air Collected Flag:						
LUST Trust Eligible Flag:		Yes				
Offsite Contam Flag:		U				
REIMB Awarded Flag:		No				
Release From AST Flag:		No				
Release From UST Flag:		No				
Soil Gas Action Level Flag:						
Soil Gas Data Collected Flag:						
Sub Slab Sample Collected Flag:						
Surface Water Impact Flag:		U				
Utility Project Flag:		No				
Vapor Intrusion Action Flag:						
Vapor Intrusion Checked Flag:						
Leaksite Type Defn:		Leak site (tank and petroleum contamination).				
Soil Gas Data Comments:						
Vapor Intrusion Comments:						

Leak Product RIs

Product RIs Seq ID:	321791
Leak Product Desc:	Diesel
Leak Product Defn:	The product is diesel oil.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	
Affected Residential Props:	
Staff ID Last Updt:	RSUCHAN
Staff ID Wellhead Area Assess:	
TMSP Added:	12/04/1999 14:07:31
TMSP Last Updt:	11/04/2003 12:57:07
Water Supply Exceeds Ral Flag:	
Cleanup Goal Achieved Flag:	
DW Supply Contam Flag:	
Free Product at Close Flag:	
Free Product Observed Flag:	N
Free Product Thickness:	
Ground Water Contam Flag:	N
GW Cleanup Goal:	0
GW Exceeds Cleanup Goal Flag:	
Impacted Aquifer Code:	
MTBE High Level Date:	
MTBE High Ug Per Liter Char:	
MTBE High Ug Per Liter Numb:	
MTBE Present Historically Flag:	
MTBE Present Now Flag:	
Protected Area Flag:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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PWS Well Impacted Flag:
Sensitive Area Flag:

53	2 of 2	N	0.47 / 2,485.00	966.65 / 32	Hejny Rental Inc 1829 White Bear Ave Maplewood MN 55109	MPCA AI
Item ID:	235358-AISI0000235358			County Code:	123	
Agency Interest ID:	235358			County:	Ramsey	
Status:	Active			CTU Code:	239584	
Status Dat:				CTU Name:	Maplewood	
Document ID:	0			Congress District Cd:	4	
Program:				House District:	43B	
MPCA Program Desc:				Senate District:	43	
Subject Item Type:	CON			HUC8:	07010206	
Subject Item Ctgr:	AISI			HUC8 Name:	Mississippi River - Twin Cities	
Subject Item ID:	235358			HUC10:	0701020608	
Subj Item Type Dsc:	Conventional Site			HUC12:	070102060803	
Subj Item Designtn:				HUC12 Name:	Lake Phalen	
Description:				DWSMA Code:		
Ref Code:	GEN			DWSMA Name:		
Ref Desc:	General Location			TRDSQQ:		
Verified:	No			PLS Township:		
Collection:	06-Jul-2020			PLS Range:		
Tmsp Creat:	06-Jul-2020			PLS Range Direction:		
User Creat:	SYSTEM			PLS Section:		
Tmsp Updt:	06-Jul-2020			PLS Quarters:		
User Updt:	geo_nc			Latitude:	44.99601377	
Spatial ID:				Longitude:	-93.02598013	
Method Code:	A1			Method Desc:	Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

54	1 of 2	N	0.47 / 2,490.52	966.65 / 32	Hejny Rental 1829 White Bear Ave N Saint Paul MN 55109	MPCA AI
Item ID:	29371-AISI0000029371			County Code:	123	
Agency Interest ID:	29371			County:	Ramsey	
Status:	Active			CTU Code:	239584	
Status Dat:				CTU Name:	Maplewood	
Document ID:	0			Congress District Cd:	4	
Program:	HW, PR, UT			House District:	43B	
MPCA Program Desc:	Hazardous Waste, Petroleum Remediation, Underground Tanks			Senate District:	43	
Subject Item Type:	CON			HUC8:	07010206	
Subject Item Ctgr:	AISI			HUC8 Name:	Mississippi River - Twin Cities	
Subject Item ID:	29371			HUC10:	0701020608	
Subj Item Type Dsc:	Conventional Site			HUC12:	070102060803	
Subj Item Designtn:				HUC12 Name:	Lake Phalen	
Description:				DWSMA Code:		
Ref Code:	GEN			DWSMA Name:		
Ref Desc:	General Location			TRDSQQ:		
Verified:	No			PLS Township:		
Collection:	07-Apr-2016			PLS Range:		
Tmsp Creat:	26-Jul-1999			PLS Range Direction:		
User Creat:	DELTA_M_R1			PLS Section:		
Tmsp Updt:	26-Apr-2016			PLS Quarters:		
User Updt:	spatial_			Latitude:	44.9969924	
Spatial ID:	22143			Longitude:	-93.0252869	
Method Code:	A1			Method Desc:	Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
54	2 of 2	N	0.47 / 2,490.52	966.65 / 32	Hejny Rental 1829 White Bear Ave N Saint Paul MN	LST REM SITE

Item ID: 29371-AREA0000000001
Project ID: LS0006836
Project Type: Leak Site
Project ID (RAP):
Project Type (RAP):
Site Status: Closed
Perm List of Prior?:
Petrol Brownfield?:
VIC Site?:
Sf Volunta:
Inst Controls?:
State Reg:
Project Name: Hejny Rental
Site Address 1: 1829 White Bear Ave N
Site Address 2:
Site City: Saint Paul
Site State: MN
Site Zip: 55109
Site County: Ramsey
Project Name(RAP):
Address1 (RAP):
Address2(RAP):
City (RAP):
State (RAP):
Zip (RAP):
Project Ma: James Joslyn (no longer at MPCA)
Data Source: MPCA Remediation Sites

Remediation Sites Details

Activity ID: 29371
SI ID: 1
Si Cat: AREA
SI Type: LEAK
Site Type: CON
Acreage: 0
HRS Score: 0
Score Year:
AI Name: Hejny Rental
Loc Desc:
Method Des: Address Matching House Number
Huc8 Name: Mississippi River - Twin Cities
Huc12 Name: Lake Phalen
Hydrologis:
WIMN Url: <https://webapp.pca.state.mn.us/wimn/site/29371>

DWSMA Code:
DWSMA Name:
Cong Dist: 4
House Dist: 43B
Senate Dis: 43
HUC 8: 07010206
HUC 10: 0701020608
HUC 12: 070102060803

Spatial Remediation Activity

AI ID: 29371
Site ID: LS0006836
SI ID: 1
SI Cat: AREA
NFA Decisi:
Site Close: 19-Apr-1994
Leak Discovered: 05-Oct-1993
Leak Reported: 05-Oct-1993
Leak Reopened:
Activity No: 1
Activity ID: SIW19930001
Activity Type: Leak Site Investigation
Activity Code: SIW
Activity Year: 1993
Discovered:

Site Start: 05-Oct-1993
Remedy Imp:
Remedy Sel:
ASMT Compl:
Received:
NPL List:
NPL Delete:
PLP List:
PLP Delist:
Staff Assi:
FF Aproved:
FF Closed:
Inv Comple:
App Comple:
Er Site Ev:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
55	1 of 1	NNE	0.48 / 2,539.89	959.78 / 25	Ramsey Cty HHW Maplewood Site 1800 Van Dyke St N Maplewood MN 55109	MPCA AI
Item ID:	103055-AISI0000103055			County Code:	123	
Agency Interest ID:	103055			County:	Ramsey	
Status:	Inactive			CTU Code:	239584	
Status Dat:	3/9/2011			CTU Name:	Maplewood	
Document ID:	0			Congress District Cd:	4	
Program:	IS			House District:	43B	
MPCA Program Desc:	Industrial Stormwater			Senate District:	43	
Subject Item Type:	CON			HUC8:	07010206	
Subject Item Ctgry:	AISI			HUC8 Name:	Mississippi River - Twin Cities	
Subject Item ID:	103055			HUC10:	0701020608	
Subj Item Type Dsc:	Conventional Site			HUC12:	070102060803	
Subj Item Designtn:				HUC12 Name:	Lake Phalen	
Description:				DWSMA Code:	47	
Ref Code:	GEN			DWSMA Name:	North Saint Paul	
Ref Desc:	General Location			TRDSQQ:	02922214cc	
Verified:	No			PLS Township:	029	
Collection:	25-Aug-2017			PLS Range:	22	
Tmsp Creat:	16-May-2005			PLS Range Direction:	W	
User Creat:	DELTA_M_R1			PLS Section:	14	
Tmsp Updt:	25-Aug-2017			PLS Quarters:	cc	
User Updt:	geo_nc			Latitude:	44.99565174	
Spatial ID:	100425			Longitude:	-93.02261037	
Method Code:	A1			Method Desc:	Address Matching House Number	
Subject Item Category Desc:	Agency Interest					
Location Description:						

56	1 of 3	S	0.49 / 2,594.76	963.58 / 29	Life Care Animal Hospital 1328 White Bear Ave N St. Paul MN 55106	HIST LUST
Prog Int ID:	379376			Address Source:	CORE	
Site ID:	32190			Township Name:		
State County Code:	62			County Name:	Ramsey	
Country:	USA			Lat/Long ID:	40259	
Interest Type Cd:	LS			Interest Type Dsc:	Leak Site	
ADDR ID:	42190			Lat Degrees:	44	
Tank Site:	16501			Lat Minutes:	58	
Interest Phone:	NO CORE PI PH.			Lat Seconds:	53.43	
Interest Start Dt:	07/11/2006 00:00:00			Long Degrees:	-93	
Interest End Dt:	01/06/2014 13:10:36			Long Minutes:	1	
Active?:	No			Long Seconds:	29.98	
Timestamp Added:	07/11/2006 14:03:31			Lat/Long Source:	CORE	
Timestamp Updt:	11/10/2014 08:17:05			Lat/Long Site ID:	32190	
Staff ID Updt:	RGAGLE			Lat/Long Spatial ID:	51264238	
Source:	CORE			Collection Date:	03/12/2010 17:47:43	
Coord Src Type:	2			Map Scale Code:	E	
Coord Src Desc:	State			Org Name Source:	MPCA	
Foreign State:				Foreign Zone:		
FIPS County Cd1:	123					
Addr Timestamp Add:	05/13/1999 13:38:29					
Addr Timestamp Lst Updt:	08/01/2007 21:43:51					
Addr Updater Staff ID:	SYSTEM					
Lat/Long Timestamp Added:	08/28/2000 10:31:52					
Lat/Long Tmstmp Last Upd:	03/12/2010 18:14:13					
Lat/Long Updater Staff ID:	MAPT_NC					
Lat/Long Desc:						
Coord Coll Method Desc:	Address Matching House Number					
Coord Coll Method Code:	A1					
Comments:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Leak Site

Complete Site Closure Date: 12/23/2013 00:00:00
Cond Closure Date:
Release Discovered Date: 06/28/2006 00:00:00
Leaksite Type Code: 1
Leaksite Type Desc: Leak Site
Leak Report Date: 06/28/2006 00:00:00
Tank Reg Status Code: F
TMSP Added: 07/11/2006 15:43:07
TMSP Last Updt: 08/06/2014 13:07:25
CU Yds Excavated Qty:
ENF Action Begin Date: 07/14/2006 00:00:00
Residence Type Code:
File Archive Box:
File Archive Lot:
Soil Digout Date:
Staff ID Last Updt: DMILLES
Std Letter Response Date: 07/19/2006 00:00:00
VPIC Acres:
VPIC Application Date:
Contam Soils Remaining Flag: Y
Indoor Air Collected Flag:
LUST Trust Eligible Flag: No
Offsite Contam Flag: U
REIMB Awarded Flag: No
Release From AST Flag: No
Release From UST Flag: Yes
Soil Gas Action Level Flag: No
Soil Gas Data Collected Flag: Yes
Sub Slab Sample Collected Flag:
Surface Water Impact Flag: N
Utility Project Flag: No
Vapor Intrusion Action Flag:
Vapor Intrusion Checked Flag: Yes
Leaksite Type Defn: Leak site (tank and petroleum contamination).
Soil Gas Data Comments: No vapors exceeded 10 times the ISV. Basement has a passive venting system.
Vapor Intrusion Comments:

Leak Product RIs

Product RIs Seq ID: 149688
Leak Product Desc: Gasoline Leaded
Leak Product Defn: The product is leaded gasoline.

Leak GW Info

Well Type Code:
Affected Non Res Props: 4
Affected Residential Props: 123
Staff ID Last Updt: ADWORAK
Staff ID Wellhead Area Assess: 3371
TMSP Added: 04/16/2012 08:23:51
TMSP Last Updt: 01/06/2014 13:10:36
Water Supply Exceeds Rai Flag:
Cleanup Goal Achieved Flag:
DW Supply Contam Flag:
Free Product at Close Flag: No
Free Product Observed Flag:
Free Product Thickness:
Ground Water Contam Flag: Y
GW Cleanup Goal:
GW Exceeds Cleanup Goal Flag:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Impacted Aquifer Code:
 MTBE High Level Date:
 MTBE High Ug Per Liter Char:
 MTBE High Ug Per Liter Numb:
 MTBE Present Historically Flag:
 MTBE Present Now Flag: N
 Protected Area Flag: No
 PWS Well Impacted Flag: No
 Sensitive Area Flag: No

56	2 of 3	S	0.49 / 2,594.76	963.58 / 29	Life Care Animal Hospital 1328 White Bear Ave N Saint Paul MN 55106	MPCA AI
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Item ID:	25289-AISI0000025289	County Code:	123
Agency Interest ID:	25289	County:	Ramsey
Status:	Active	CTU Code:	239651
Status Dat:		CTU Name:	Saint Paul
Document ID:	0	Congress District Cd:	4
Program:	HW, PR	House District:	67A
MPCA Program Desc:	Hazardous Waste, Petroleum Remediation	Senate District:	67
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	25289	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	
Ref Code:	CEN	DWSMA Name:	
Ref Desc:	Center of Feature Represented	TRDSQQ:	
Verified:	Yes	PLS Township:	
Collection:	25-Jun-2018	PLS Range:	
Tmsp Creat:	26-Jul-1999	PLS Range Direction:	
User Creat:	DELTA_M_R1	PLS Section:	
Tmsp Updt:	25-Jun-2018	PLS Quarters:	
User Updt:	vsetter	Latitude:	44.98138951
Spatial ID:	21336	Longitude:	-93.02497225
Method Code:	DM	Method Desc:	Digitized - MPCA internal map
Subject Item Category Desc:	Agency Interest		
Location Description:			

56	3 of 3	S	0.49 / 2,594.76	963.58 / 29	Life Care Animal Hospital 1328 White Bear Ave N Saint Paul MN	LST REM SITE
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Item ID:	25289-AREA0000000001	Federal Re:	Yes
Project ID:	LS0016501	Fed State:	
Project Type:	Leak Site	Non Reg:	
Project ID (RAP):		SEMS?:	
Project Type (RAP):		NPL:	
Site Status:	Closed	Unpermitted Dump?:	
Perm List of Prior?:		Latitude:	44.98138943
Petrol Brownfield?:		Longitude:	-93.02497235
VIC Site?:		County (RAP):	
Sf Volunta:		Latitude (RAP):	
Inst Controls?:		Longitude (RAP):	
State Reg:			
Project Name:	Life Care Animal Hospital		
Site Address 1:	1328 White Bear Ave N		
Site Address 2:			
Site City:	Saint Paul		
Site State:	MN		
Site Zip:	55106		
Site County:	Ramsey		
Project Name(RAP):			
Address1 (RAP):			
Address2(RAP):			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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City (RAP):
State (RAP):
Zip (RAP):
Project Ma: Artie Dworak (former)
Data Source: MPCA Remediation Sites

Remediation Sites Details

Activity ID:	25289	DWSMA Code:	
SI ID:	1	DWSMA Name:	
SI Cat:	AREA	Cong Dist:	4
SI Type:	LEAK	House Dist:	67A
Site Type:	CON	Senate Dis:	67
Acreage:	0	HUC 8:	07010206
HRS Score:	0	HUC 10:	0701020608
Score Year:		HUC 12:	070102060803
AI Name:	Life Care Animal Hospital		
Loc Desc:			
Method Des:	Digitized - MPCA internal map		
Huc8 Name:	Mississippi River - Twin Cities		
Huc12 Name:	Lake Phalen		
Hydrologis:	Jim Pennino (former)		
WIMN Uri:	https://webapp.pca.state.mn.us/wimn/site/25289		

Spatial Remediation Activity

AI ID:	25289	Site Start:	28-Jun-2006
Site ID:	LS0016501	Remedy Imp:	
SI ID:	1	Remedy Sel:	
SI Cat:	AREA	ASMT Compl:	
NFA Decisi:		Received:	
Site Close:	23-Dec-2013	NPL List:	
Leak Discovered:	28-Jun-2006	NPL Delete:	
Leak Reported:	28-Jun-2006	PLP List:	
Leak Reopened:		PLP Delist:	
Activity No:	1	Staff Assi:	
Activity ID:	SIW20060001	FF Approved:	20-Jul-2010
Activity Type:	Leak Site Investigation	FF Closed:	23-Dec-2013
Activity Code:	SIW	Inv Comple:	
Activity Year:	2006	App Comple:	
Discovered:		Er Site Ev:	

57	1 of 2	NNE	0.49 / 2,599.80	960.07 / 26	Ramsey Cty Parks Rec Goodrich Maint	MPCA AI
					1820 N Van Dyke St	
					Maplewood MN 55109	

Item ID:	103042-AISI0000103042	County Code:	123
Agency Interest ID:	103042	County:	Ramsey
Status:	Inactive	CTU Code:	239584
Status Dat:	11/17/2010	CTU Name:	Maplewood
Document ID:	0	Congress District Cd:	4
Program:	IS	House District:	43B
MPCA Program Desc:	Industrial Stormwater	Senate District:	43
Subject Item Type:	CON	HUC8:	07010206
Subject Item Ctgry:	AISI	HUC8 Name:	Mississippi River - Twin Cities
Subject Item ID:	103042	HUC10:	0701020608
Subj Item Type Dsc:	Conventional Site	HUC12:	070102060803
Subj Item Designtn:		HUC12 Name:	Lake Phalen
Description:		DWSMA Code:	47
Ref Code:	GEN	DWSMA Name:	North Saint Paul
Ref Desc:	General Location	TRDSQQ:	02922214bc
Verified:	No	PLS Township:	029
Collection:	25-Aug-2017	PLS Range:	22
Tmsp Creat:	16-May-2005	PLS Range Direction:	W
User Creat:	DELTA_M_R1	PLS Section:	14

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Tmsp Updt:</i>	25-Aug-2017				<i>PLS Quarters:</i>	bc
<i>User Updt:</i>	geo_nc				<i>Latitude:</i>	44.9960095
<i>Spatial ID:</i>	100412				<i>Longitude:</i>	-93.02260985
<i>Method Code:</i>	A1				<i>Method Desc:</i>	Address Matching House Number
<i>Subject Item Category Desc:</i>	Agency Interest					
<i>Location Description:</i>						

57	2 of 2	NNE	0.49 / 2,599.80	960.07 / 26	Goodrich Golf Course Improv 1820 N Van Dyke St Maplewood MN 55109	MPCA AI
<i>Item ID:</i>	8539-AISI0000008539				<i>County Code:</i>	123
<i>Agency Interest ID:</i>	8539				<i>County:</i>	Ramsey
<i>Status:</i>	Inactive				<i>CTU Code:</i>	239584
<i>Status Dat:</i>	7/10/2007 3:57:54 PM				<i>CTU Name:</i>	Maplewood
<i>Document ID:</i>	0				<i>Congress District Cd:</i>	4
<i>Program:</i>	CS				<i>House District:</i>	43B
<i>MPCA Program Desc:</i>	Construction Stormwater				<i>Senate District:</i>	43
<i>Subject Item Type:</i>	CON				<i>HUC8:</i>	07010206
<i>Subject Item Ctgry:</i>	AISI				<i>HUC8 Name:</i>	Mississippi River - Twin Cities
<i>Subject Item ID:</i>	8539				<i>HUC10:</i>	0701020608
<i>Subj Item Type Dsc:</i>	Conventional Site				<i>HUC12:</i>	070102060803
<i>Subj Item Designtn:</i>					<i>HUC12 Name:</i>	Lake Phalen
<i>Description:</i>					<i>DWSMA Code:</i>	47
<i>Ref Code:</i>	GEN				<i>DWSMA Name:</i>	North Saint Paul
<i>Ref Desc:</i>	General Location				<i>TRDSQQ:</i>	
<i>Verified:</i>	Yes				<i>PLS Township:</i>	
<i>Collection:</i>	27-Sep-2015				<i>PLS Range:</i>	
<i>Tmsp Creat:</i>	19-Mar-1999				<i>PLS Range Direction:</i>	
<i>User Creat:</i>	DELTA_M_R1				<i>PLS Section:</i>	
<i>Tmsp Updt:</i>	26-Apr-2016				<i>PLS Quarters:</i>	
<i>User Updt:</i>	spatial_				<i>Latitude:</i>	44.9966761
<i>Spatial ID:</i>	8062				<i>Longitude:</i>	-93.0218078
<i>Method Code:</i>	A1				<i>Method Desc:</i>	Address Matching House Number
<i>Subject Item Category Desc:</i>	Agency Interest					
<i>Location Description:</i>	CSLL: Site along road used for address match *** Note:many records provided by the department have a truncated LOC_DESC field.					

58	1 of 1	SSE	0.50 / 2,614.32	991.83 / 57	Hope Lutheran Church 1340 N Hazel St Saint Paul MN 55119	MPCA AI
<i>Item ID:</i>	137842-AISI0000137842				<i>County Code:</i>	123
<i>Agency Interest ID:</i>	137842				<i>County:</i>	Ramsey
<i>Status:</i>	Active				<i>CTU Code:</i>	239651
<i>Status Dat:</i>					<i>CTU Name:</i>	Saint Paul
<i>Document ID:</i>	0				<i>Congress District Cd:</i>	4
<i>Program:</i>	HW				<i>House District:</i>	67A
<i>MPCA Program Desc:</i>	Hazardous Waste				<i>Senate District:</i>	67
<i>Subject Item Type:</i>	CON				<i>HUC8:</i>	07010206
<i>Subject Item Ctgry:</i>	AISI				<i>HUC8 Name:</i>	Mississippi River - Twin Cities
<i>Subject Item ID:</i>	137842				<i>HUC10:</i>	0701020608
<i>Subj Item Type Dsc:</i>	Conventional Site				<i>HUC12:</i>	070102060803
<i>Subj Item Designtn:</i>					<i>HUC12 Name:</i>	Lake Phalen
<i>Description:</i>					<i>DWSMA Code:</i>	
<i>Ref Code:</i>	GEN				<i>DWSMA Name:</i>	
<i>Ref Desc:</i>	General Location				<i>TRDSQQ:</i>	
<i>Verified:</i>	No				<i>PLS Township:</i>	
<i>Collection:</i>	27-Sep-2015				<i>PLS Range:</i>	
<i>Tmsp Creat:</i>	24-Jun-2012				<i>PLS Range Direction:</i>	
<i>User Creat:</i>	DELTA_M_R1				<i>PLS Section:</i>	
<i>Tmsp Updt:</i>	26-Apr-2016				<i>PLS Quarters:</i>	
<i>User Updt:</i>	spatial_				<i>Latitude:</i>	44.9818477
<i>Spatial ID:</i>	63134480				<i>Longitude:</i>	-93.0201506
<i>Method Code:</i>	A1				<i>Method Desc:</i>	Address Matching House Number

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Subject Item Category Desc: Agency Interest
Location Description:

Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
HIST SPL	Kane Transport at SA	White Bear Ave N of Hwy 36 and S of I-694 <i>Program Int ID: 344816</i>	Maplewood MN		819455945
HIST SPL	UNKNOWN	Hoyt St <i>Program Int ID: 181831</i>	St. Paul MN		819435493
SPILLS		Hoyt St MN	Saint Paul MN		860673773

Unplottable Report

Site: Kane Transport at SA
White Bear Ave N of Hwy 36 and S of I-694 Maplewood MN

HIST SPL

Program Int ID:	344816	Tmsp Added:	02/02/2006 10:15:23
Site ID:	0	TMSP Update:	02/02/2006 10:15:23
Interest Type:	Spill Site	Prgm Int Source:	TALES
Preferred ID:	65887	Address Source:	TALES
Active?:		Interest Phone:	
Interest Start:	02/02/2006 00:00:00	Township:	
Interest End:		County:	Washington
Comments:	**File Exists** Caller is at a Super America in Maplewood. A kane Transport is filling station tanks right now but the transport is unattended. Truck #183, Driver Gordon J. Wurtz, Tractor license D4530, Trailer license 69910ST.		

Spill Site

Spill Site Closure Date: 01/01/2010 00:00:00
Spill Date:
Spill Reported Date: 07/25/2003 00:00:00
Priority Code:
MPCA Involvement:
Initial Cause:
Initial Source:
Public Safety Spill ID:
Duty Officer Report Number:
Spill Reported by:
Report Taken By Initials:
Rpt Taken by Duty Officer Flag:
MPCA Project Manager:
Tmsp Added: 02/02/2006 10:15:44
Tmsp Last Updt: 04/12/2011 10:37:52
Staff ID Last Updt: RSUCHAN
Rep Name:
Rep Phone:
Archive Lot:
Archive Box:
Response Desc:

Site: UNKNOWN
Hoyt St St. Paul MN

HIST SPL

Program Int ID:	181831	Tmsp Added:	09/03/1996 10:43:34
Site ID:	0	TMSP Update:	05/04/2002 07:15:25
Interest Type:	Spill Site	Prgm Int Source:	TALES
Preferred ID:	24293	Address Source:	TALES
Active?:		Interest Phone:	
Interest Start:	09/03/1996 10:43:34	Township:	
Interest End:		County:	Ramsey
Comments:	LAKE PHALEN CONTAINS CANS, BOTTLES, LOGS, ETC FLOATING IN LAKE		

Spill Site

Spill Site Closure Date: 08/30/1996 00:00:00
Spill Date: 08/30/1996 00:00:00
Spill Reported Date: 08/30/1996 00:00:00
Priority Code: 1
MPCA Involvement:
Initial Cause: DISPOSAL/ABANDONMENT
Initial Source: Other
Public Safety Spill ID:

Duty Officer Report Number:
Spill Reported by:
Report Taken By Initials: 3075
Rpt Taken by Duty Officer Flag:
MPCA Project Manager: 3075
Tmsp Added: 09/03/1996 10:43:34
Tmsp Last Updt: 04/11/2007 08:22:57
Staff ID Last Updt: RSUCHAN
Rep Name:
Rep Phone:
Archive Lot:
Archive Box:
Response Desc:

Spill Released Product

Spill Product: Unknown
Spill Released Quantity: 0
Spill Qty Units: Unknown
Spill Incident Accuracy: Unknown
Date Added: 09/03/1996 10:43:34
Last Update: 05/04/2002 07:15:25
Staff ID Last Update: TANKS

Spill Incident Affected

Spill Incident Affect: Wetland
Date Added: 09/03/1996 10:43:34
Last Update: 05/04/2002 07:15:25
Staff ID Last Update: TANKS

Spill Action

Spill Action: None, No File
Spill Action Person:
Date Added: 09/03/1996 10:43:34
Last Update: 05/04/2002 07:15:25
Staff ID Last Update: TANKS

Site:

Hoyt St MN Saint Paul MN

SPILLS

Incident ID:	24293	AI ID Source:
Incident Status:	Closed or Completed	Source Address:
Incident Type:	Spill or Release	Source City:
Incident Date:	8/30/1996	Source State:
Program:	Emergency Response	Source Zip:
Closure Type:	Response/Action Completed	Latitude:
County:	Ramsey	Longitude:

Coord Method:
Location: Hoyt St
MN

**Note: Many records provided by the department have a truncated LOCATION field.

Lead Investigator and Duty Officer

Substances: 0 unknown units Unknown substance
Duty Officer No:
Lead Investigator: Dan Hannan

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

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

Government Publication Date: Mar 4, 2017

National Priority List:

[NPL](#)

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Apr 27, 2021

National Priority List - Proposed:

[PROPOSED NPL](#)

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Apr 27, 2021

Deleted NPL:

[DELETED NPL](#)

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.

Government Publication Date: Apr 27, 2021

SEMS List 8R Active Site Inventory:

[SEMS](#)

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Mar 23, 2021

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Mar 23, 2021

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Apr 5, 2021

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Apr 5, 2021

RCRA Generator List:

RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Apr 5, 2021

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Apr 5, 2021

RCRA Very Small Quantity Generators List:

[RCRA VSQG](#)

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Apr 5, 2021

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 5, 2021

Federal Engineering Controls-ECs:

[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 23, 2021

Federal Institutional Controls- ICs:

[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Feb 23, 2021

Land Use Control Information System:

[LUCIS](#)

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

Government Publication Date: Sep 1, 2006

Emergency Response Notification System:

[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

[ERNS 1987 TO 1989](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

[ERNS](#)

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 9, 2020

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

[FED BROWNFIELDS](#)

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 6, 2021

FEMA Underground Storage Tank Listing:

[FEMA UST](#)

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

[FRP](#)

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations:

[HIST GAS STATIONS](#)

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

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property:

[SEMS LIEN](#)

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Mar 23, 2021

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 28, 2021

State

Minnesota Permanent List of Priorities:

[PLP](#)

The state Superfund sites in Minnesota are listed on the Minnesota Permanent List of Priorities (PLP). The hazardous waste sites on the PLP are in various stages of remediation. At these sites investigation and cleanup are needed, cleanup is underway, or cleanup has been completed and long-term monitoring or maintenance continues. This data is made available by the Minnesota Pollution Control Agency (MPCA). This database is state equivalent NPL.

Government Publication Date: Apr 16, 2021

Delisted Permanent List of Priorities (PLP):

DEL PLP

This list contains sites that were previously included in Permanent List of Priorities (PLP) maintained by Minnesota's Pollution Control Agency (MPCA) but have now been delisted. This database is state equivalent NPL.

Government Publication Date: Apr 16, 2021

Minnesota Site Remediation Section Database:

SHWS

The Site Remediation Section 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. This data is made available by the Minnesota Pollution Control Agency (MPCA)'s Site Remediation Section. This database is state equivalent CERCLIS.

Government Publication Date: Apr 16, 2021

MPCA Site Assessment Sites:

SITE ASSESSMENT

A list of active and closed sites that are currently under site assessment by Minnesota Pollution Control Agency (MPCA) and are a part of MPCA Remediation Sites list.

Government Publication Date: Apr 16, 2021

Permitted Solid Waste Facilities:

SWF/LF

A list of permitted solid waste and landfill facilities made available by the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: May 28, 2021

Closed Landfills Priority List:

LCP

The Minnesota Legislature enacted the Landfill Cleanup Act (LCA) in 1994 to ensure the proper closure and post-closure care at up to 112 closed, permitted municipal sanitary landfills located throughout the state. Based on this legislation, the Minnesota Pollution Control Agency (MPCA) created the Closed Landfill Program (CLP) to administer the LCA mandates. This data made available by The Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Oct 6, 2020

Unpermitted Dump Sites:

UNPERMITTED LF

The Minnesota Pollution Control Agency (MPCA) defines "dumps" as those landfills that never held a valid permit from the MPCA. Generally, dumps existed prior to the permitting program established with the creation of the MPCA in 1967. This database made available by Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Recycling Markets Directory:

RECYCLING

The Recycling Markets Directory is provided by the Minnesota Pollution Control Agency (MPCA). The markets in this database accept large (commercial) quantities of materials.

Government Publication Date: Nov 8, 2018

Historical Leaking Underground Storage Tanks:

HIST LUST

A list of leaking underground storage tanks (LUSTs) in the tanks database maintained by the Minnesota Pollution Control Agency (MPCA) up until Nov 01, 2016.

Government Publication Date: Nov 1, 2016

Deleted Leaking Underground Storage Tanks:

DEL LUST

A list of leaking underground storage tanks that are often deleted for various reasons. Deletion occurs primarily due to a duplication, or that the source was determined to not be from a tank. This list was provided by Minnesota Pollution Control Agency.

Government Publication Date: Jan 5, 2016

Historical Leaking Aboveground Storage Tanks:

HIST LAST

A list of leaking aboveground storage tanks (LASTs) in the tanks database maintained by the Minnesota Pollution Control Agency (MPCA) up until Nov 01, 2016.

Government Publication Date: Nov 1, 2016

Historical Leak Sites:

HIST LEAKSITES

A list of leak sites that were neither determined as aboveground nor underground in the tanks database maintained by the Minnesota Pollution Control Agency (MPCA) up until Nov 01, 2016.

MPCA Remediation Leak Sites:

[LST REM SITE](#)

A list of leak sites in which Minnesota Pollution Control Agency (MPCA) is involved in remediation activities, this list is published by MPCA.

Government Publication Date: Apr 16, 2021

MPCA Tank Incidents:

[LST INCIDENT](#)

A list of leaking and registered tank sites in Minnesota that includes locations, details of tank installation and construction, and installed safety measures. This list is provided by Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Delisted Leaking Storage Tanks:

[DELISTED LST](#)

This database contains a list of closed leaking storage tank sites that were removed from the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Underground Storage Tanks:

[UST](#)

In Minnesota, there are about 18,000 regulated underground storage tanks (USTs) currently in use. The Underground Storage Tank Program in the Minnesota Pollution Control Agency (MPCA) was created to help prevent contamination caused by leaking tanks. This is a list that contains all regulated USTs. This data made available by The Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Minnesota Above Ground Storage Tanks:

[AST](#)

There are more than 20,000 regulated above-ground storage tanks (ASTs) currently in use across Minnesota. Most tanks located above ground containing liquid substances (i.e., not gaseous or solid at ambient temperature and pressure) are subject to the Minnesota Pollution Control Agency's (MPCA) rules for design and operation of ASTs. This list contains ASTs regulated by MPCA. This data made available by Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Tank Sites:

[HIST TANK](#)

A list of tank sites not included in AST or UST, this list maintained by the Minnesota Pollution Control Agency (MPCA) up until Dec 30, 2016.

Government Publication Date: Dec 30, 2016

Delisted Storage Tanks:

[DELISTED TANK](#)

This database contains a list of storage tank sites that were removed from the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Sites with Institutional Control Events:

[INST](#)

A list made available by the Minnesota Pollution Control Agency (MPCA) consisting of remediation sites that have various institutional controls in place.

Government Publication Date: Jun 12, 2021

Petroleum Brownfields Program Sites:

[BROWNFIELDS](#)

The Minnesota Pollution Control Agency (MPCA)'s Petroleum Brownfields Program handles petroleum contamination under the Petroleum Tank Release Cleanup Act (Minnesota Statutes § 115C). This data made available by The Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Voluntary Investigation and Cleanup Program List:

[VIC](#)

The Minnesota Pollution Control Agency's (MPCA) Brownfield Program consists of an integrated program called the Voluntary Investigation and Cleanup (VIC) Program. This program handles hazardous substance contamination under Minnesota's Environmental Response and Liability Act (Minnesota Statutes § 115B). This database made available by Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Potential Voluntary Investigation and Cleanup Program Sites:

[POTENTIAL VIC](#)

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

Government Publication Date: Apr 22, 2016

MPCA Agency Interests:

MPCA AI

Facility, site and project locations from the Minnesota Pollution Control Agency's enterprise database, representing locations associated with waste water, storm water, hazardous waste, feedlot, solid waste, tanks, remediation, and other agency programs.

Government Publication Date: Mar 27, 2021

Tribal

Leaking Underground Storage Tanks on Indian Lands:

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 5, which includes Michigan, Minnesota, and Wisconsin.

Government Publication Date: Apr 14, 2020

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 5, which includes Michigan, Minnesota, and Wisconsin.

Government Publication Date: Apr 14, 2020

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites:

PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2021

Facility Registry Service/Facility Index:

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Releases:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Oct 5, 2020

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Apr 27, 2021

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Mar 24, 2021

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Jan 28, 2020

Former Military Nike Missile Sites:

FORMER NIKE

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

Government Publication Date: Dec 1, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 3, 2020

Surface Mining Control and Reclamation Act Sites:

SMCRA

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

Government Publication Date: Dec 18, 2020

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2006

Uranium Mill Tailings Radiation Control Act Sites:

URANIUM

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

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Apr 27, 2021

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 19, 2020

State

Registered Dry Cleaning Facilities:

DRYCLEANERS

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

Government Publication Date: Aug 20, 2019

Spills reported to the Pollution Control Agency:

SPILLS

The Minn. Stat. §115.061, which has been in effect since 1969, describes the duty of people to notify the Minnesota Pollution Control Agency (MPCA) when spills occur. This is the list of spills reported to MPCA, and the list maintained by The Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Apr 16, 2021

Department of Agriculture Spills:

AG SPILLS

The Minnesota Department of Agriculture Incident Response Unit is the regulatory authority of Agricultural Chemical (Ag-Chem) Incidents in Minnesota. This list contains pesticide and fertilizer incidents reported to the Response Unit. This data made available by The Minnesota Department of Agriculture, Incident Response Unit.

Historic spills reported to the Pollution Control Agency:

[HIST SPL](#)

The Minn. Stat. §115.061, which has been in effect since 1969, describes the duty of people to notify the Minnesota Pollution Control Agency (MPCA) when spills occur. This is the list of spills reported to MPCA, and maintained by The Minnesota Pollution Control Agency (MPCA). This list was maintained till 1 Nov 2016.

Government Publication Date: Nov 1, 2016

PFAS in Groundwater Samples:

[PFAS GW](#)

A list of sites from the Minnesota Groundwater Contamination Atlas where Per- and Polyfluoroalkyl Substances (PFAS) were found in groundwater samples. This list is made available by the Minnesota Pollution Control Agency.

Government Publication Date: Jun 14, 2021

PFAS in Landfills:

[PFAS LANDFILL](#)

A list of sites in the Closed Landfill Program where Per- or polyfluorinated alkyl substances (PFAS) have been detected. This list is made available by the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Jul 30, 2020

Clandestine Drug Labs:

[CDL](#)

The Methamphetamine Laboratory Program at the Minnesota Department of Health (MDH) works to protect human health by providing technical advice on the remediation of clandestine methamphetamine production laboratories (meth labs) and decontamination of property exposed to meth lab activities.

Government Publication Date: Aug 26, 2020

Animal Feedlots:

[FEEDLOTS](#)

The Minnesota Pollution Control Agency (MPCA) tracks locations of animal feedlot facilities. The locations of animal feedlots provide information and context to support decisions on animal health, land use, and maintaining environmental quality.

Government Publication Date: May 28, 2021

Tier 2 Report:

[TIER 2](#)

A list of Tier 2 Facilities in Minnesota. This list is provided by Minnesota Department of Public Safety overseen by the Division of Homeland Security and Emergency Management.

Government Publication Date: May 5, 2020

Bulk Storage Permits:

[BULK STORAGE](#)

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

Government Publication Date: Sep 14, 2020

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

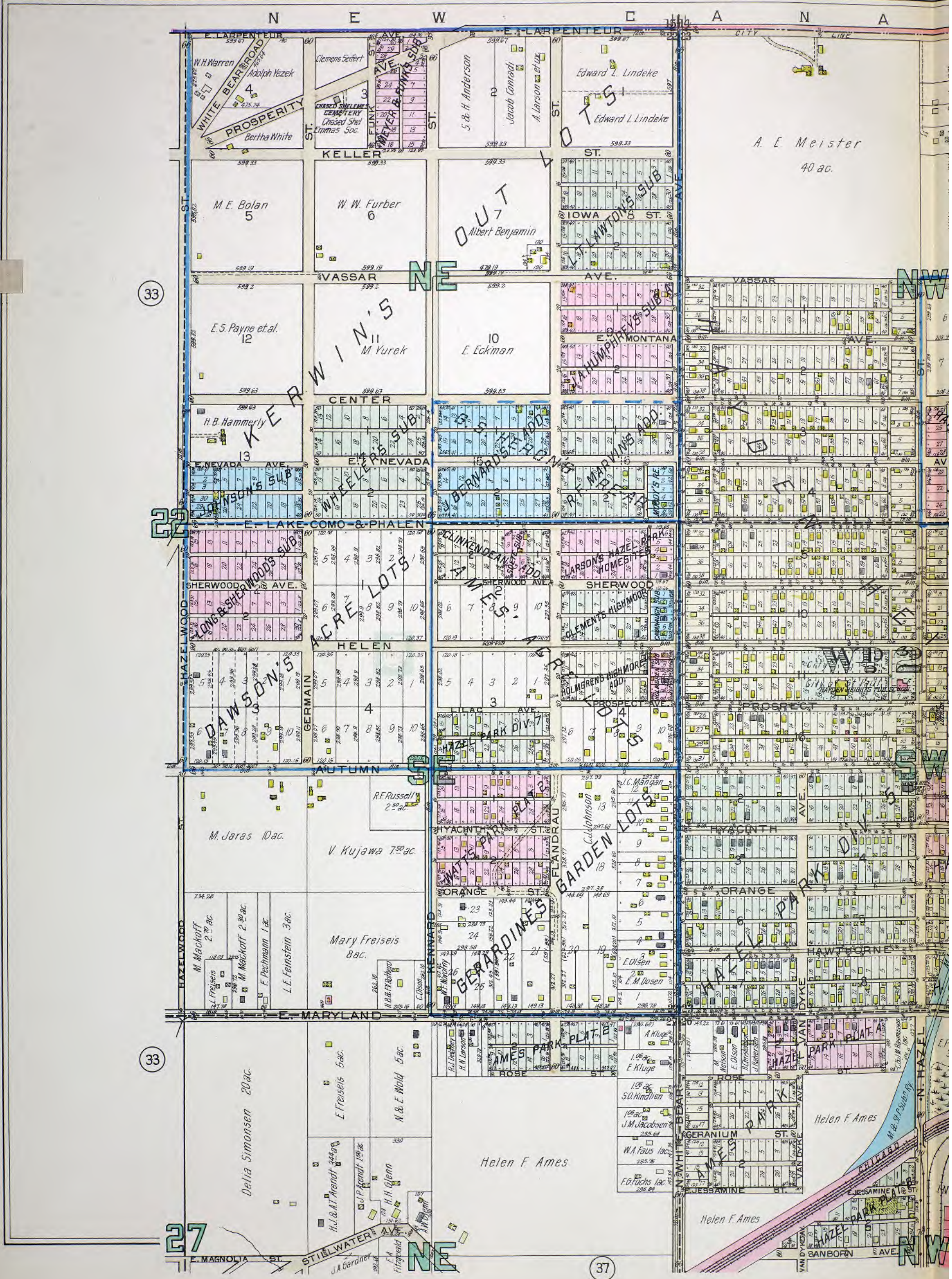
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix E
Fire Insurance and Historical Maps

4



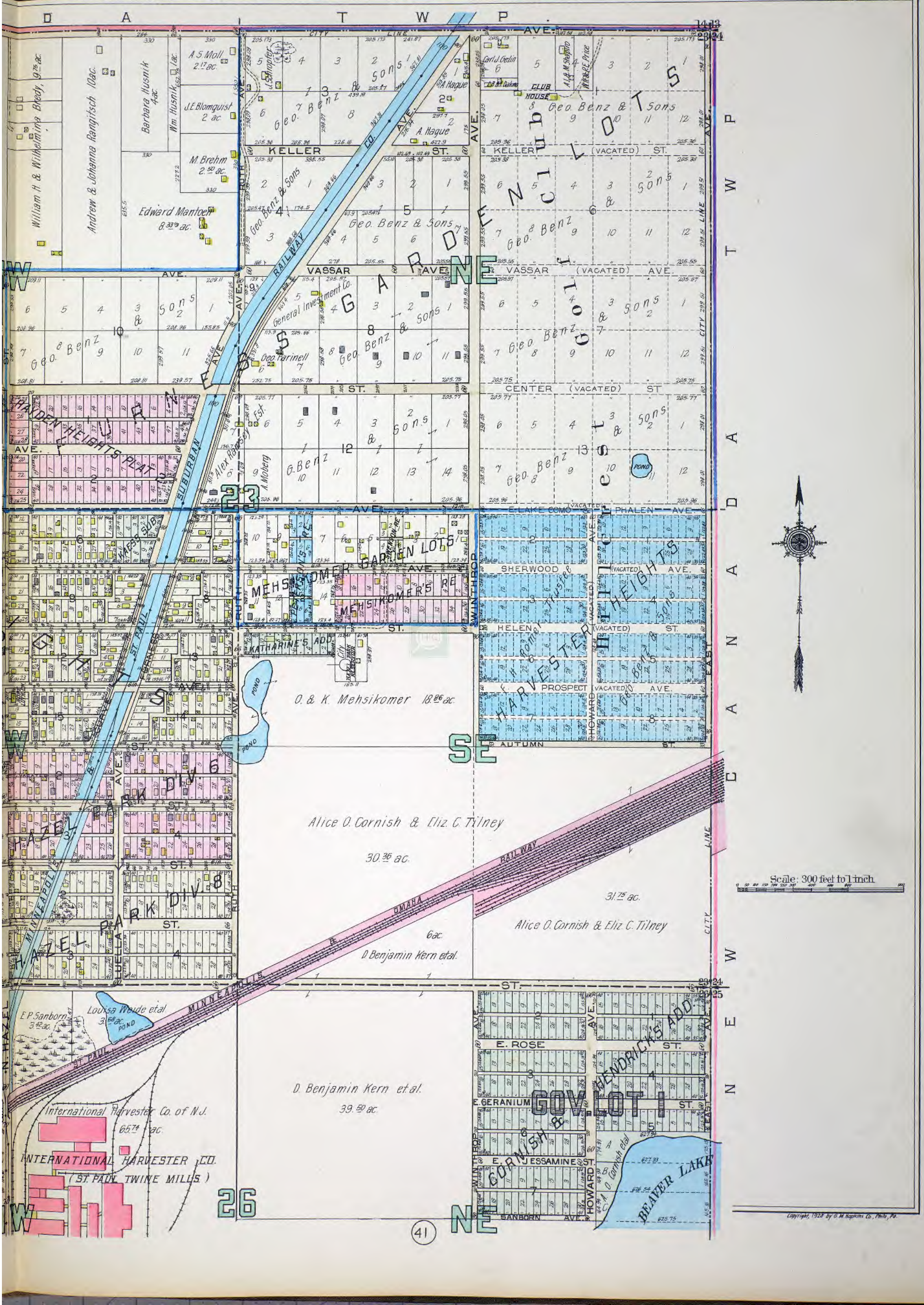
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 Publisher: G. M. Hopkins
 Publication Name: Saint Paul, MN
 Base Map Date: 1928
 Revised Date:
 Republished Date:
 Sheet Number: 34L

1928

Requested by: Braun Intertec Corporation

Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN
 Client Project # B2105938
 HIG Project # 2052563 www.historicalinfo.com





Map Type: Real Estate Atlas
 Publisher: G. M. Hopkins
 Publication Name: Saint Paul, MN
 Base Map Date: 1928
 Revised Date:
 Republished Date:
 Sheet Number: 34R

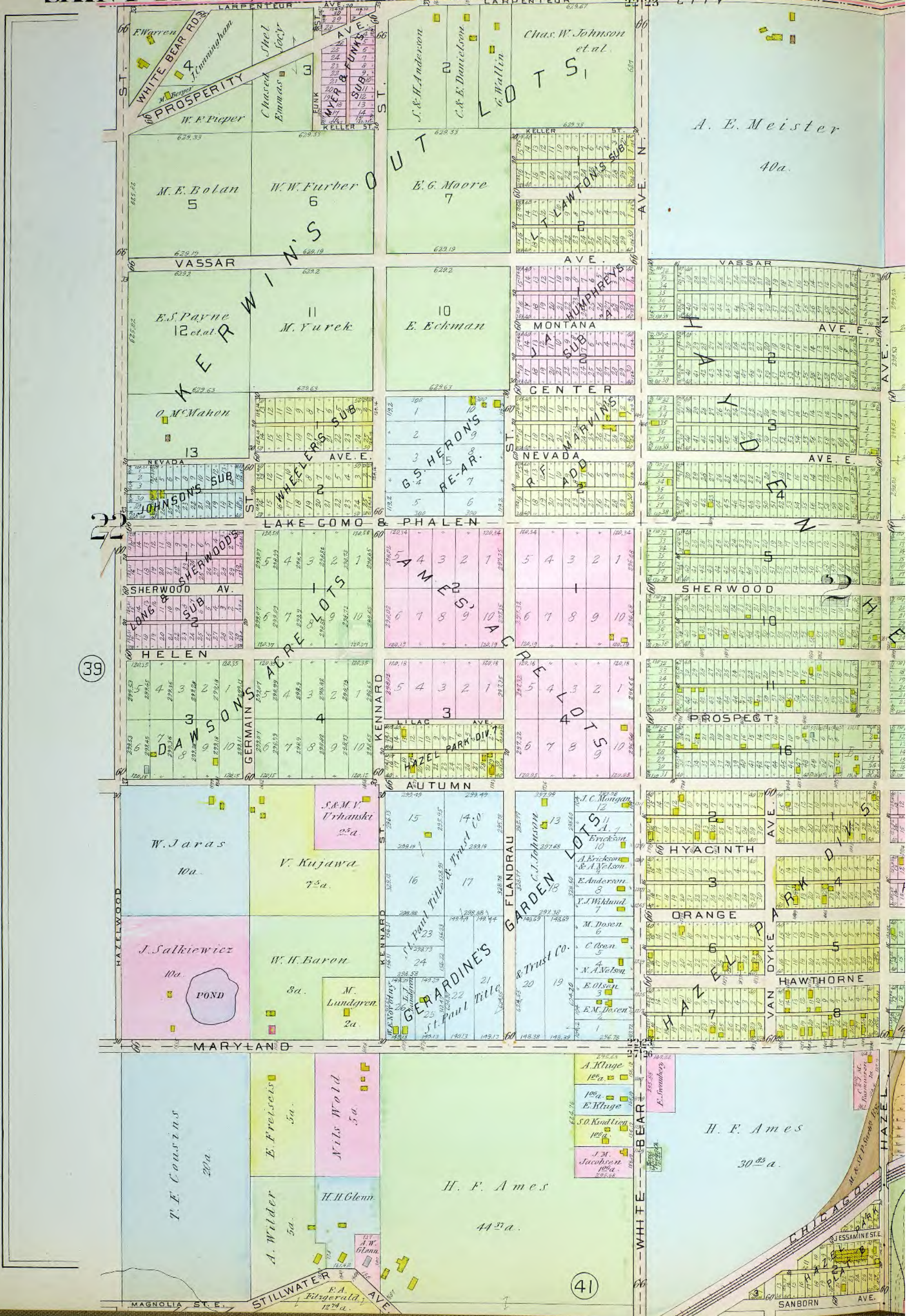
1928

Requested by: Braun Intertec Corporation
 Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN
 Client Project # B2105938
 HIG Project # 2052563 www.historicalinfo.com



SAINT PAUL,

N E W 15 14 C A N
22 23 CITY



Map Type: Real Estate Atlas
Publisher: G. M. Hopkins
Publication Name: Saint Paul, MN
Base Map Date: 1916
Revised Date:
Republished Date:
Sheet Number: 40L

1916

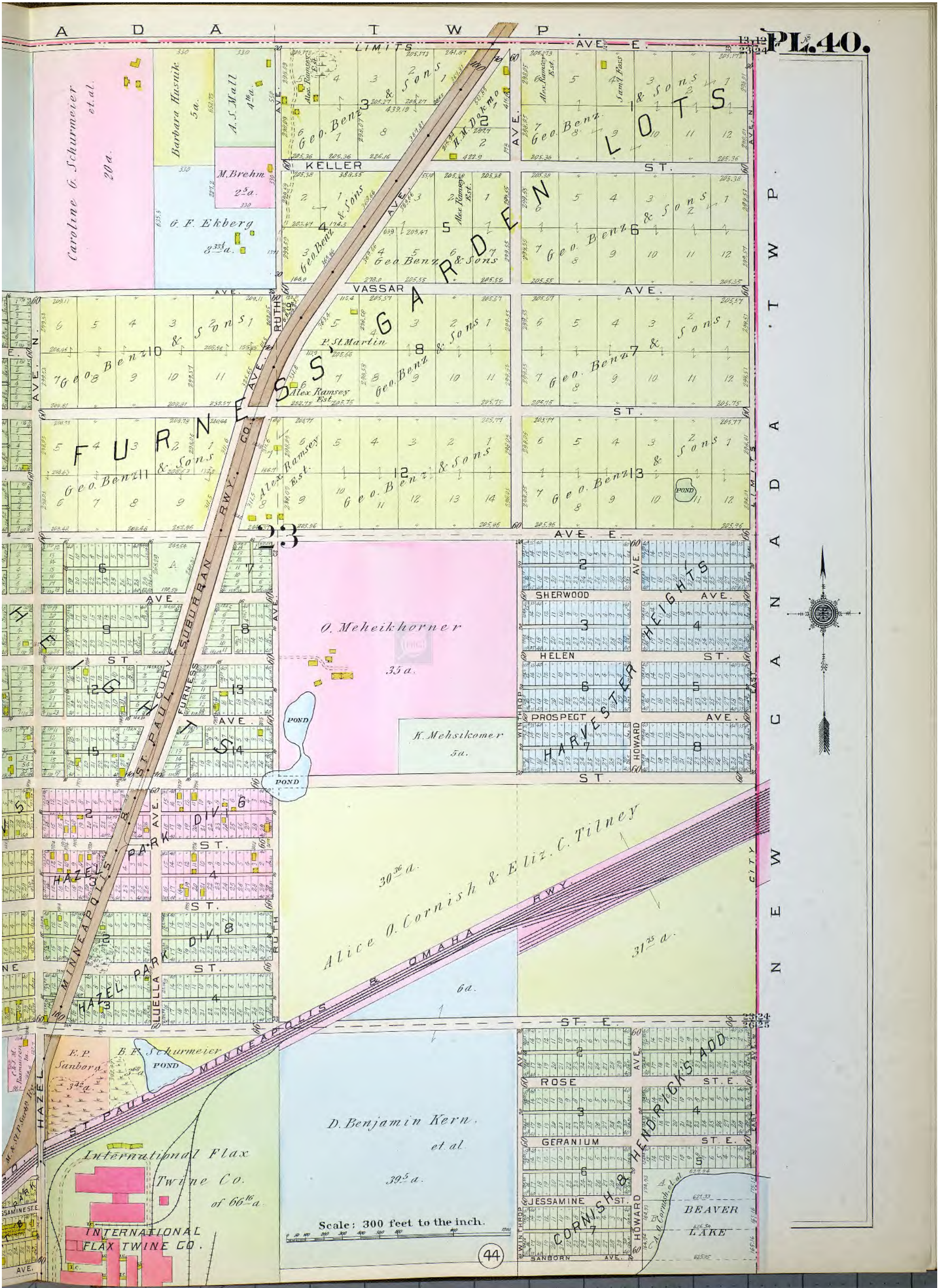
Requested by: Braun Intertec Corporation

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN

Client Project # B2105938

HIG Project # 2052563 www.historicalinfo.com





Map Type: Real Estate Atlas
 Publisher: G. M. Hopkins
 Publication Name: Saint Paul, MN
 Base Map Date: 1916
 Revised Date:
 Republished Date:
 Sheet Number: 40R

1916

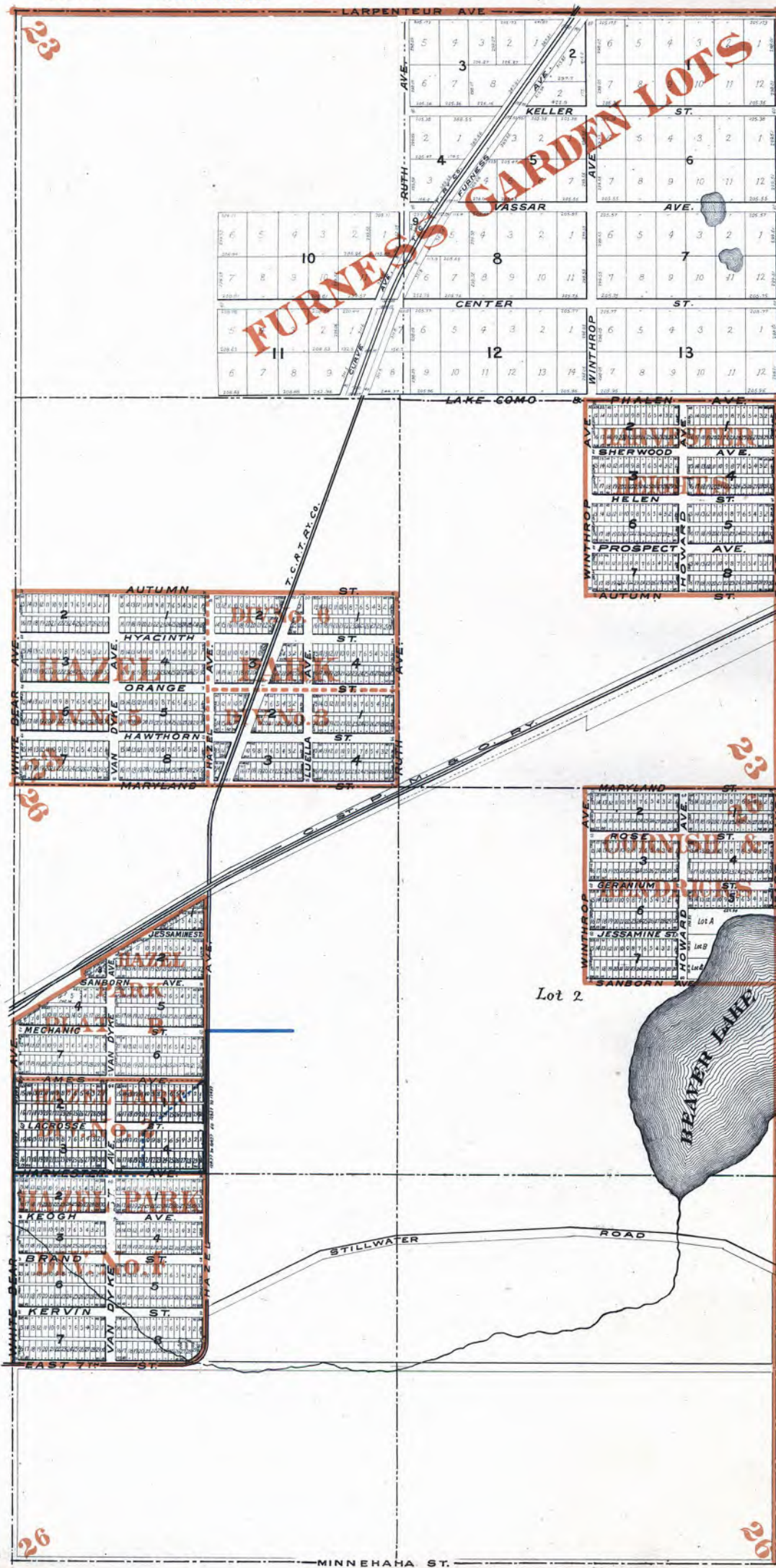
Requested by: Braun Intertec Corporation
 Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN
 Client Project # B2105938
 HIG Project # 2052563 www.historicalinfo.com



SCALE 600 FT. - ONE INCH.
 0 100 200 400 600 800

WATER MAINS
 SEWERS

CITY BOUNDARY



Map Type: Real Estate Atlas
 Publisher: David L. Curtice
 Publication Name: Saint Paul, MN
 Base Map Date: 1908
 Revised Date:
 Republished Date:
 Sheet Number: 39L

1908

Requested by: Braun Intertec Corporation

Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN

Client Project # B2105938

HIG Project # 2052563 www.historicalinfo.com

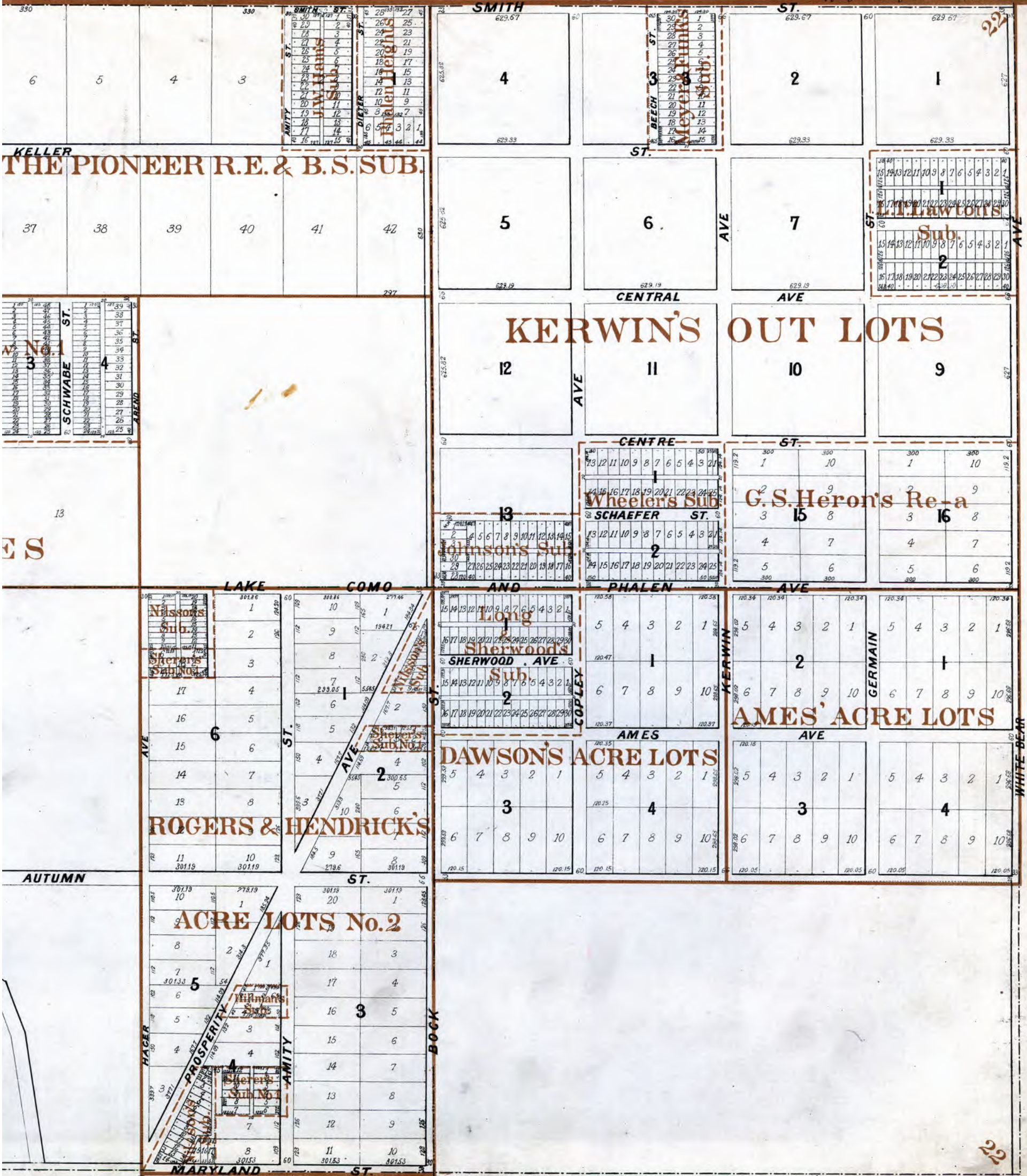


Scale 300 Ft. = 1 Inch.

CITY BOUNDARY

Plate No 31

Copyright 1887 by D.L. Curtice, C.E.



Map Type: Real Estate Atlas
 Publisher: David L. Curtice
 Publication Name: Saint Paul, MN
 Base Map Date: 1887
 Revised Date:
 Republished Date:
 Sheet Number: 31R

Requested by: Braun Intertec Corporation

1887

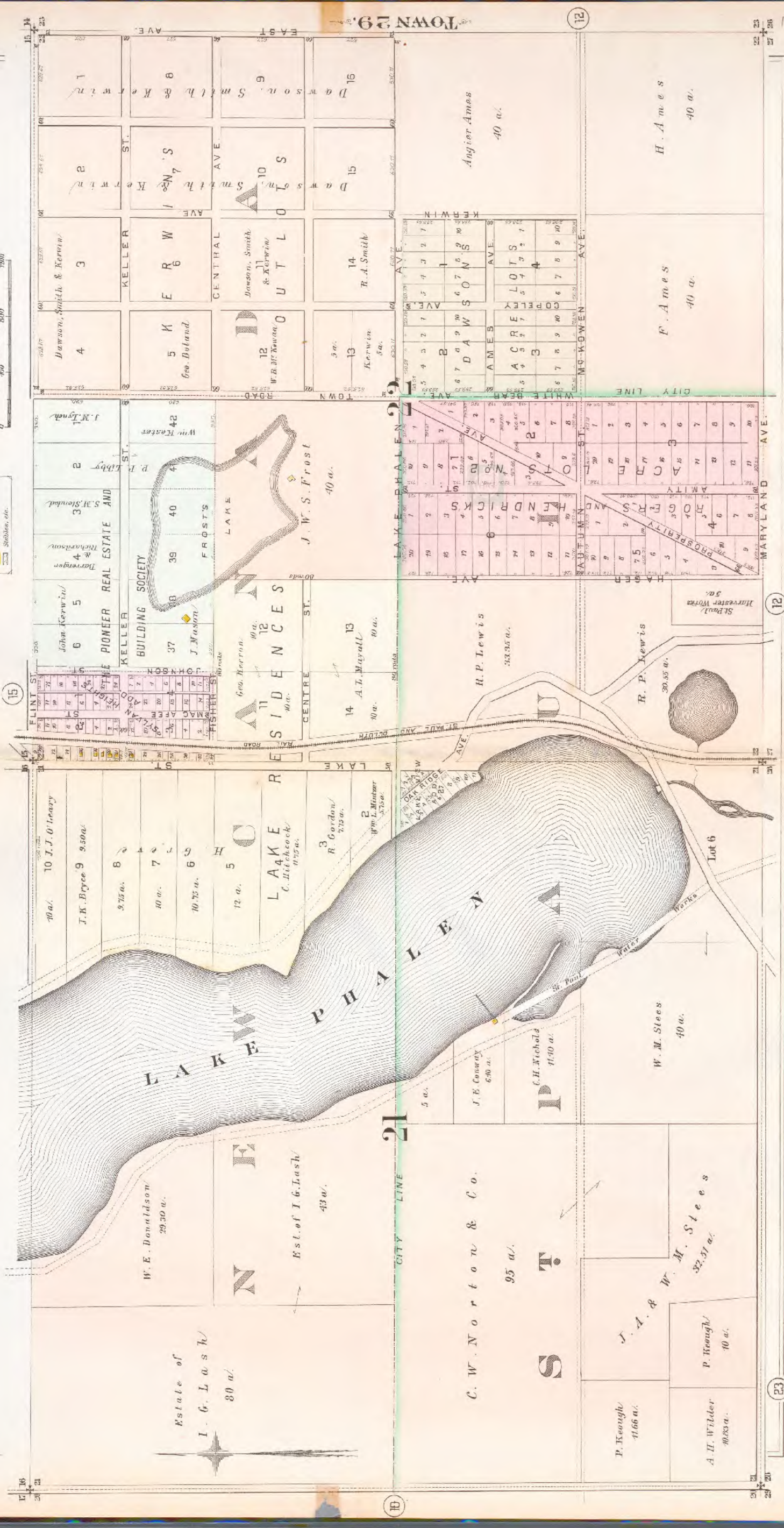
Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN
 Client Project # B2105938
 HIG Project # 2052563 www.historicalinfo.com



ENVIRONS OF ST. PAUL, PLATE II.

Explanation
 Brick Buildings
 Frame
 Stables, etc.

Scale-400 feet to the Inch.
 0 400 800 1200



RANGE 22.

Map Type: Real Estate Atlas
 Publisher: G. M. Hopkins
 Publication Name: Saint Paul, MN
 Base Map Date: 1886
 Revised Date:
 Republished Date:
 Sheet Number: 11

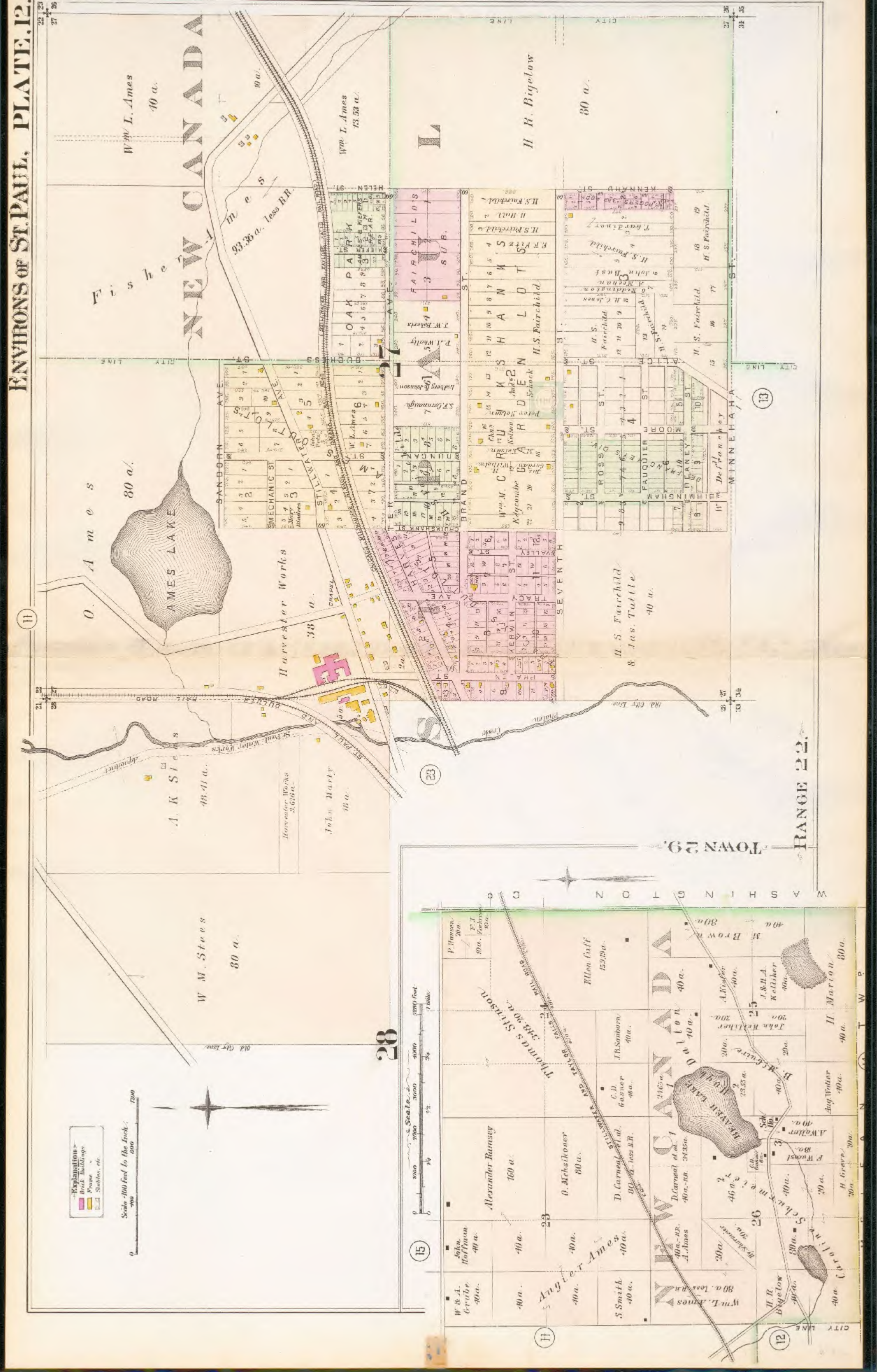
1886

Requested by: Braun Intertec Corporation

Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN
 Client Project # B2105938
 HIG Project # 2052563 www.historicalinfo.com



ENVIRONS OF ST. PAUL, PLATE 12.



1886

Map Type: Real Estate Atlas
 Publisher: G. M. Hopkins
 Publication Name: Saint Paul, MN
 Base Map Date: 1886
 Revised Date:
 Republished Date:
 Sheet Number: 12

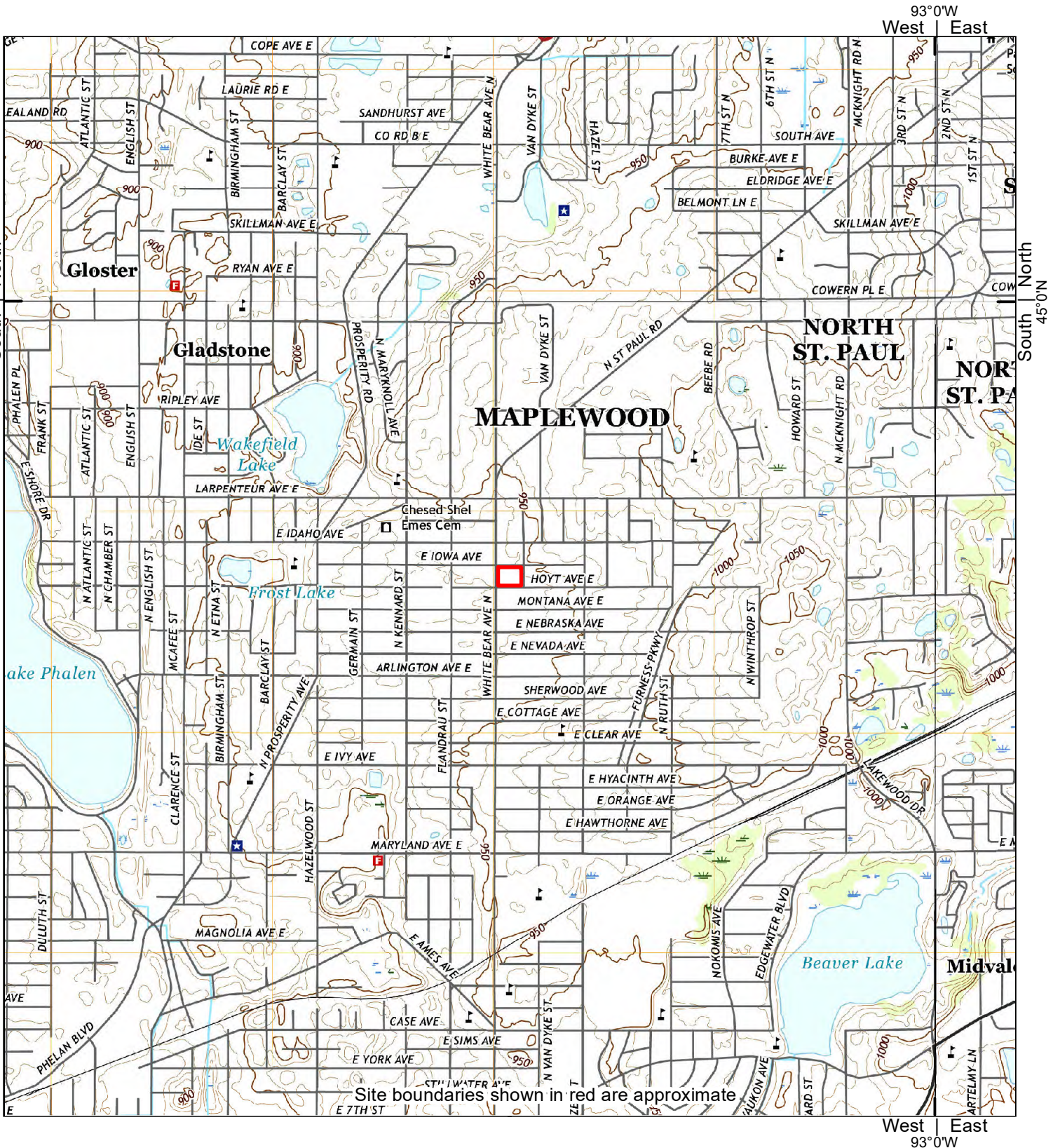
1886

Requested by: Braun Intertec Corporation

Former Hafner Bowl
 1590 White Bear Avenue
 St. Paul, MN
 Client Project # B2105938
 HIG Project # 2052563 www.historicalinfo.com

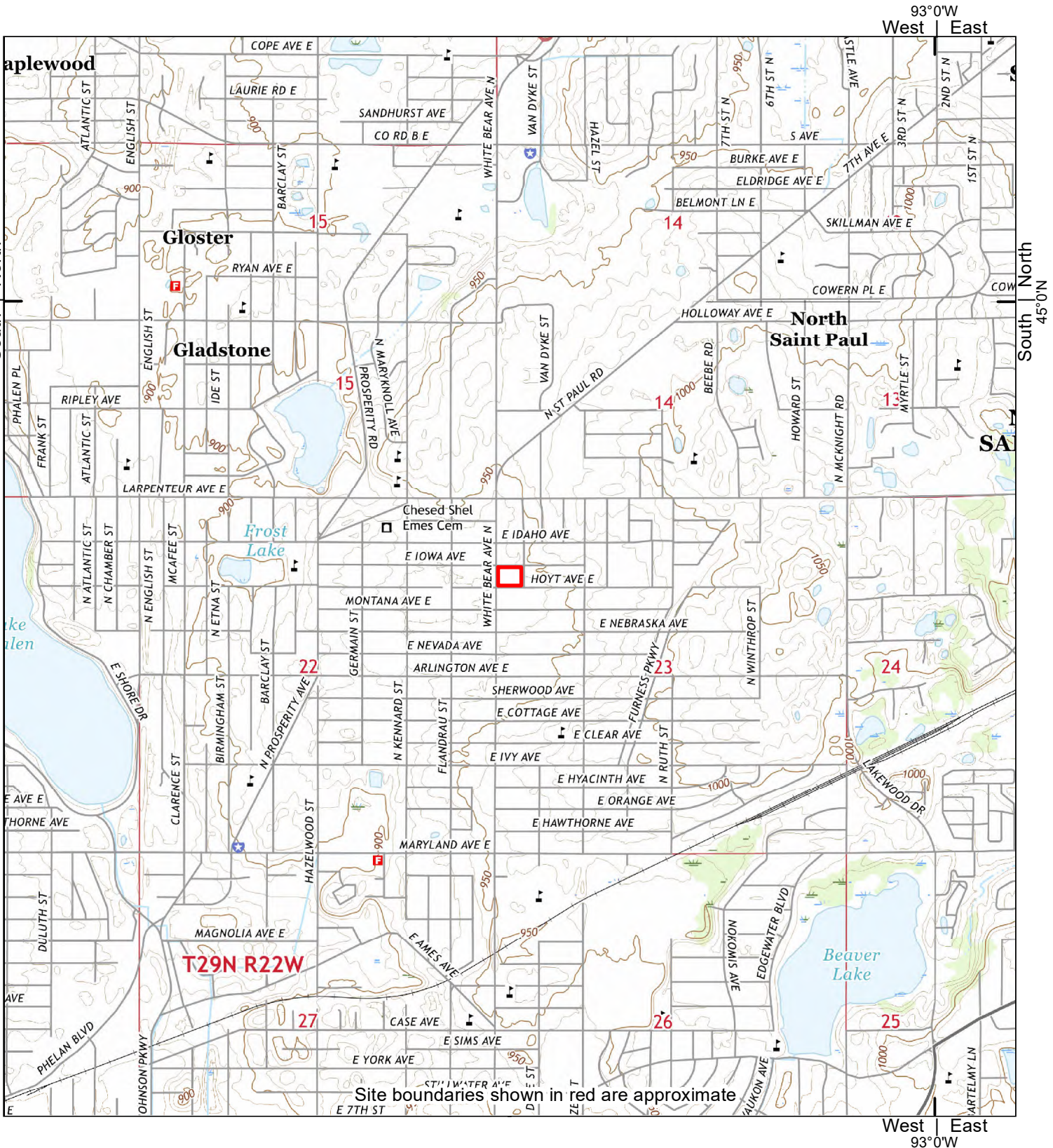


Appendix F
Historical Topographic Maps



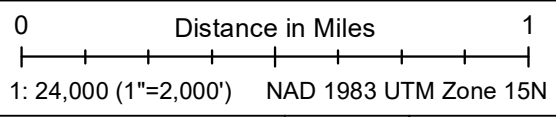
Site boundaries shown in red are approximate

2019	0 Distance in Miles 1	Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN					
	1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N						
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.		Braun Intertec Corporation project #B2105938 HIG #212052563 completed: 06/30/2021 13:57					
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
NE	White Bear Lake East, MN	USGS	7½' x 7½'	2019	Photo Year	Inspected	Revised
NW	White Bear Lake West, MN	USGS	7½' x 7½'	2019	--	--	--
SE	Lake Elmo, MN	USGS	7½' x 7½'	2019	--	--	--
SW	Saint Paul East, MN	USGS	7½' x 7½'	2019	--	--	--



Site boundaries shown in red are approximate

2016



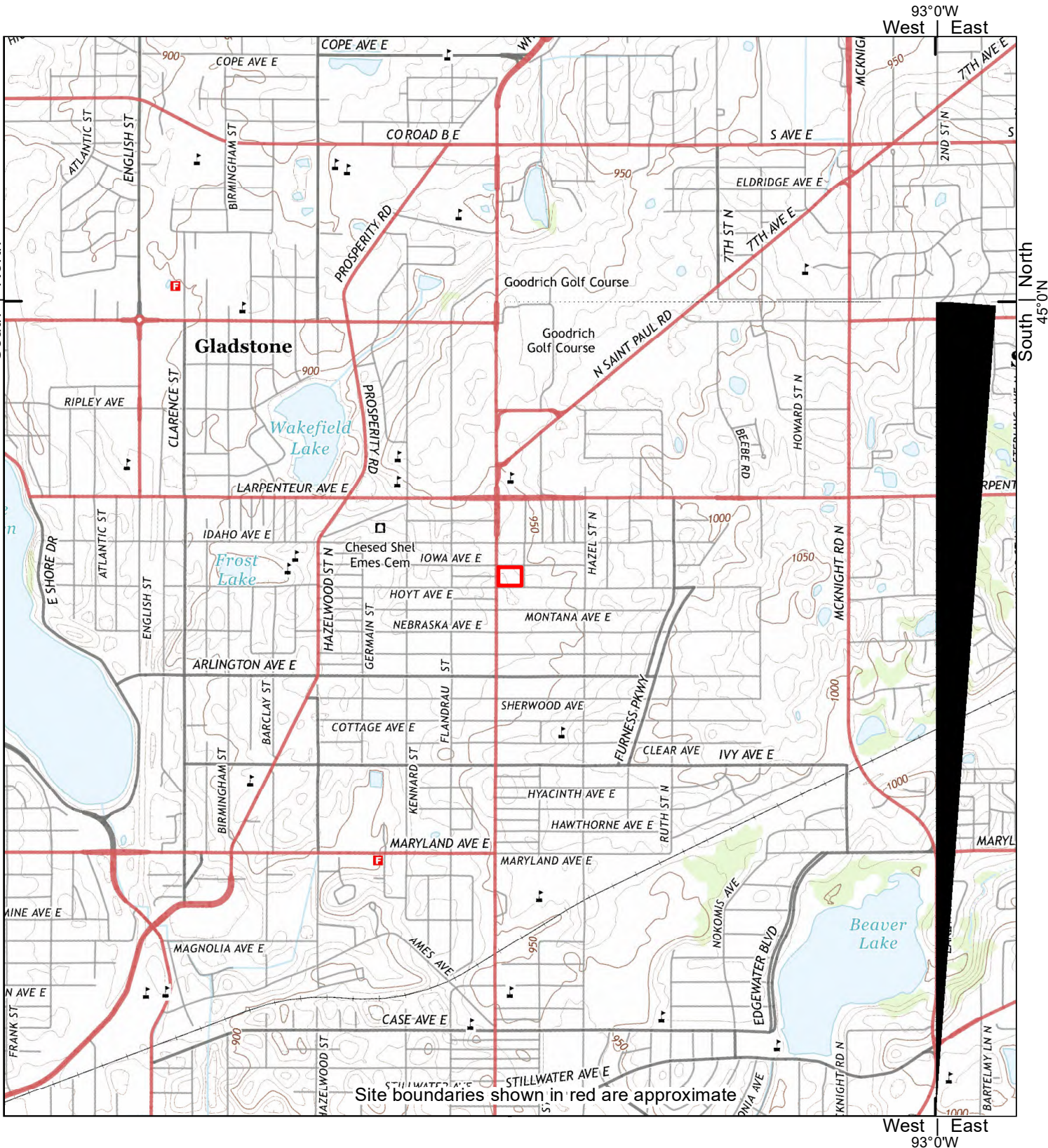
Site information:
Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



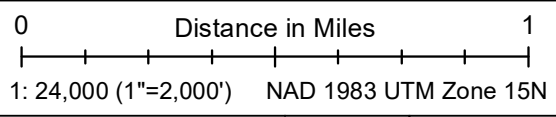
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

Braun Intertec Corporation project #B2105938
HIG #212052563 completed: 06/30/2021 13:57

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
					Photo Year	Inspected	Revised
NE	White Bear Lake East, MN	USGS	7½' x 7½'	2016	--	--	--
NW	White Bear Lake West, MN	USGS	7½' x 7½'	2016	--	--	--
SE	Lake Elmo, MN	USGS	7½' x 7½'	2016	--	--	--
SW	Saint Paul East, MN	USGS	7½' x 7½'	2016	--	--	--



2013



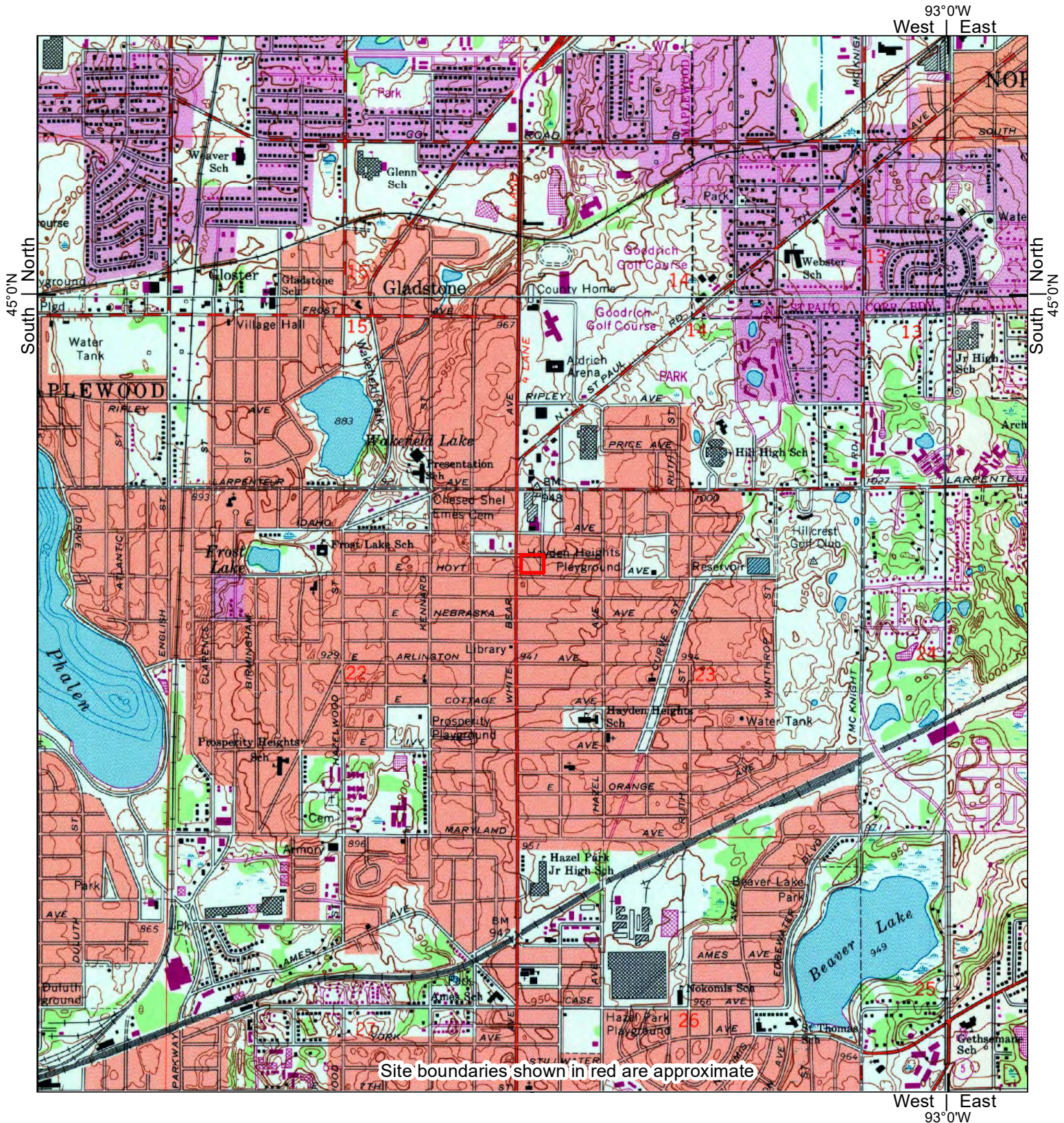
Site information:
Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN




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

Braun Intertec Corporation project #B2105938
HIG #212052563 completed: 06/30/2021 13:57

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
					Photo Year	Inspected	Revised
NE	White Bear Lake East, MN	USGS	7½' x 7½'	2013	--	--	--
NW	White Bear Lake West, MN	USGS	7½' x 7½'	2013	--	--	--
SE	Lake Elmo, MN	USGS	7½' x 7½'	2013	--	--	--
SW	Saint Paul East, MN	USGS	7½' x 7½'	2013	--	--	--

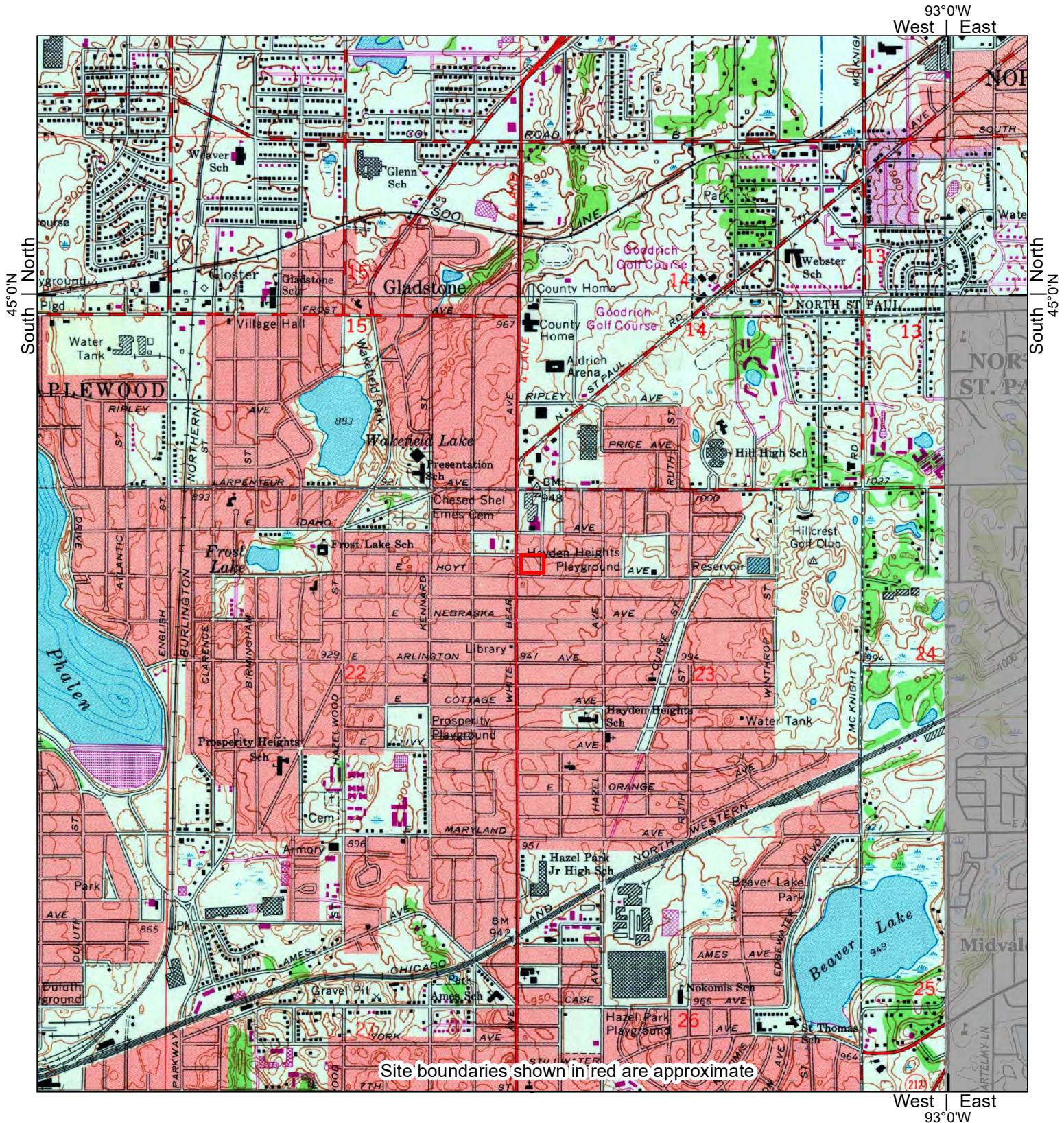


Site boundaries shown in red are approximate


1993	<p>0 Distance in Miles 1</p> <p>1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N</p>	<p>Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN</p>	
------	---	---	---

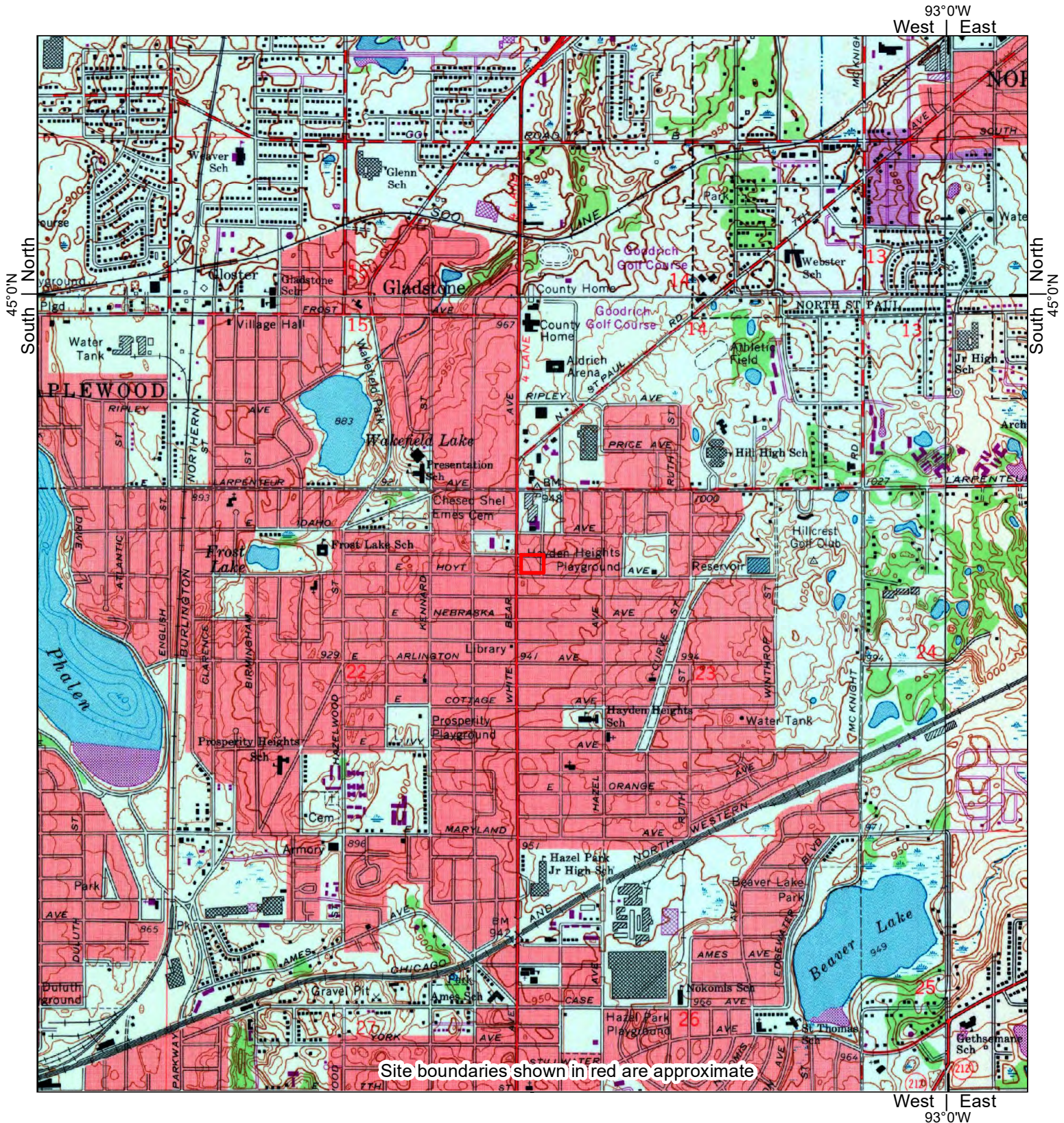
Unified maps show subdued modern topo features where corresponding maps of the same year were not published. Braun Intertec Corporation project #B2105938
HIG #212052563 completed: 06/30/2021 13:57

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
					Photo Year	Inspected	Revised
NE	White Bear Lake East, MN	USGS	7½' x 7½'	1967	1991	--	1993
NW	White Bear Lake West, MN	USGS	7½' x 7½'	1967	1991	--	1993
SE	Lake Elmo, MN	USGS	7½' x 7½'	1967	1991	--	1993
SW	St Paul East, MN	USGS	7½' x 7½'	1967	1991	--	1993



Site boundaries shown in red are approximate

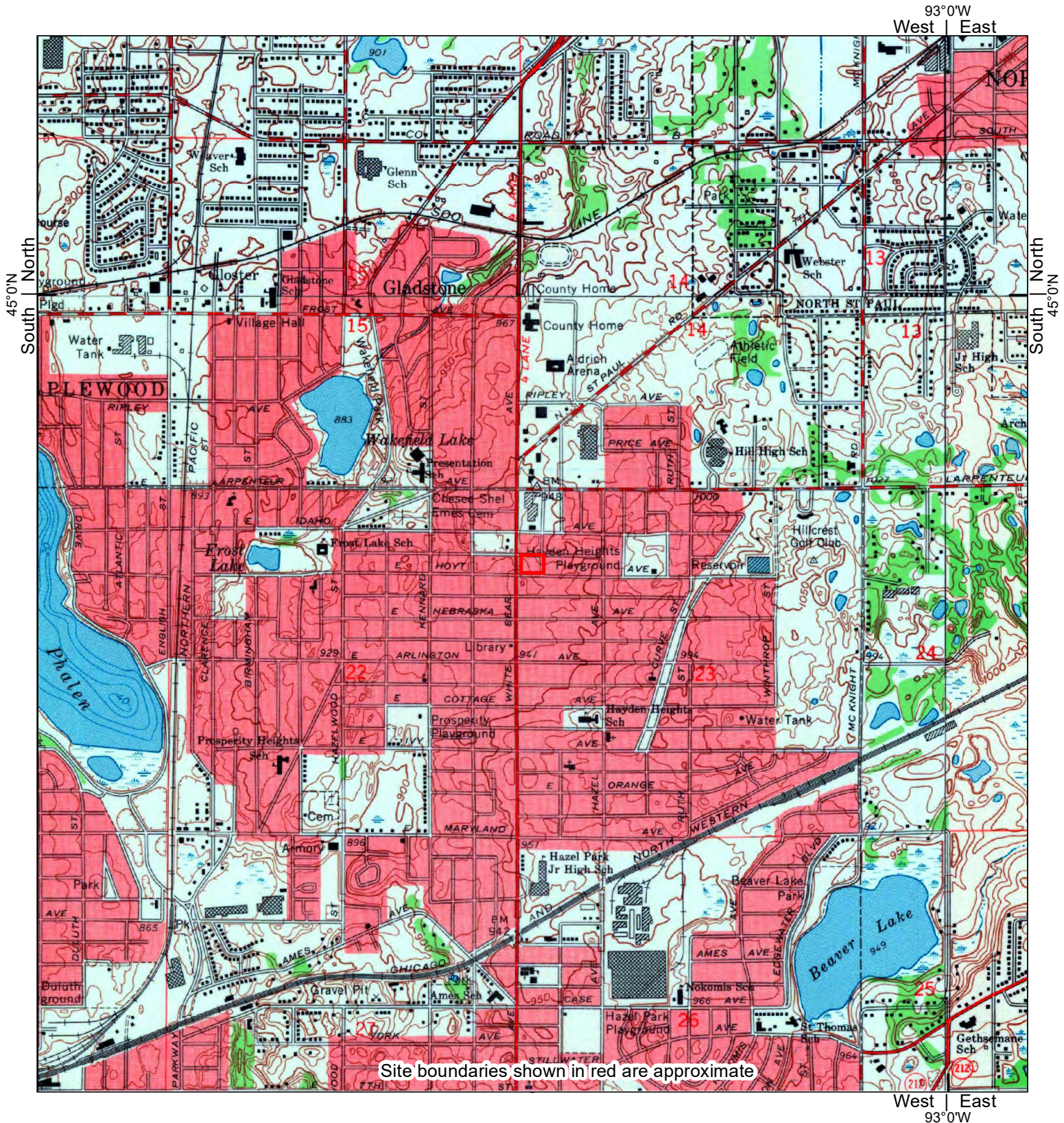
1980	0 Distance in Miles 1	Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN							
	1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N								
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.		Braun Intertec Corporation project #B2105938 HIG #212052563 completed: 06/30/2021 13:57							
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo	Topo Updates	Photo Year	Inspected	Revised
NE	White Bear Lake East, MN	USGS	7½' x 7½'	1967	1977	--	--	--	1980
NW	White Bear Lake West, MN	USGS	7½' x 7½'	1967	1977	--	--	--	1980
SW	St. Paul East, MN	USGS	7½' x 7½'	1967	1977	--	--	--	1980



<h1>1972</h1>	<p>0 Distance in Miles 1</p> <p>1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N</p>	<p>Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN</p>	
---------------	---	---	--

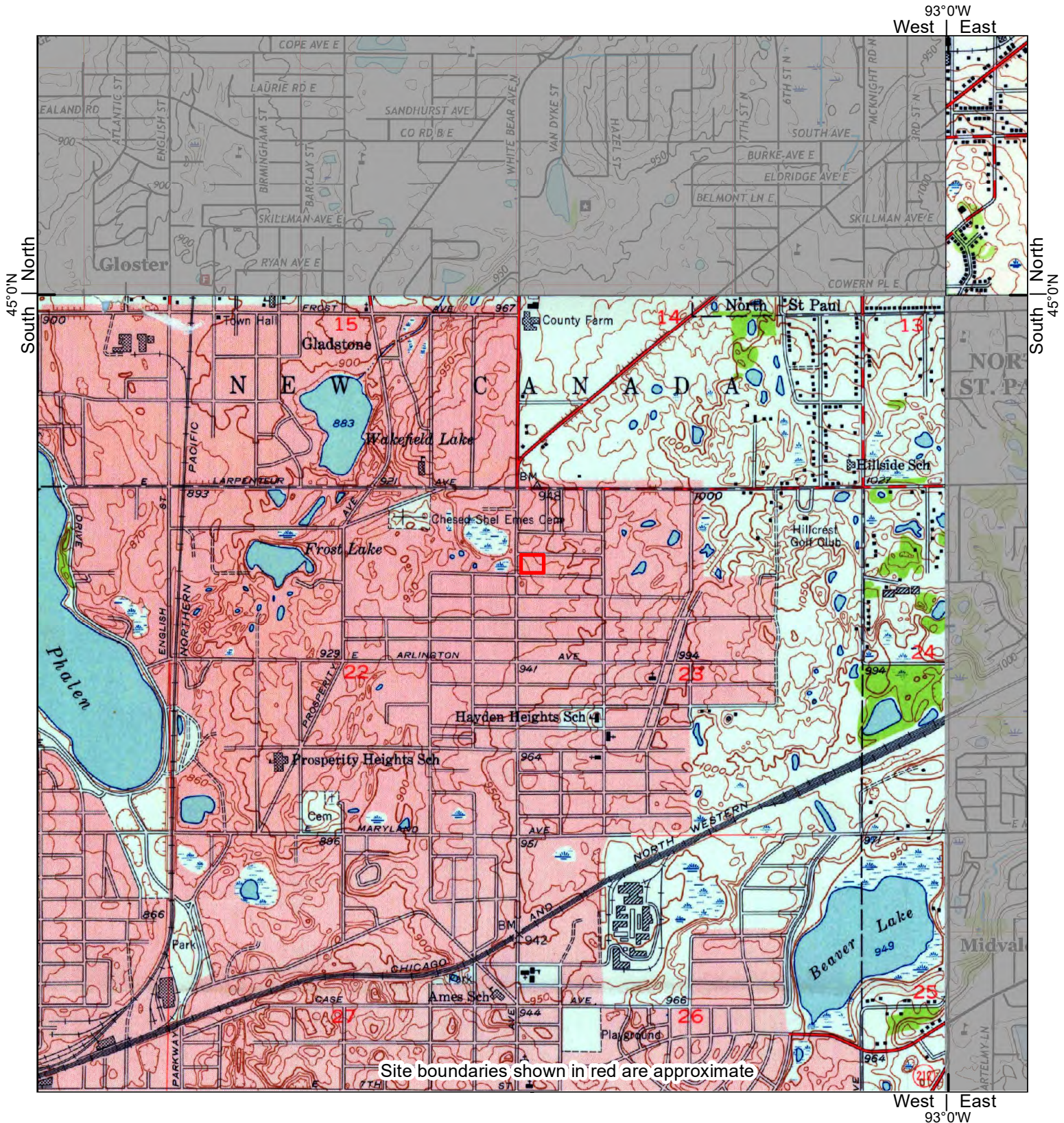
Unified maps show subdued modern topo features where corresponding maps of the same year were not published. Braun Intertec Corporation project #B2105938
HIG #212052563 completed: 06/30/2021 13:57

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
					Photo Year	Inspected	Revised
NE	White Bear Lake East, MN	USGS	7½' x 7½'	1967	1972	--	1972
NW	White Bear Lake West, MN	USGS	7½' x 7½'	1967	1972	--	1972
SE	Lake Elmo, MN	USGS	7½' x 7½'	1967	1972	--	1972
SW	St. Paul East, MN	USGS	7½' x 7½'	1967	1972	--	1972



Site boundaries shown in red are approximate

1967	0 1 Distance in Miles	Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN					
	1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N						
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.		Braun Intertec Corporation project #B2105938 HIG #212052563 completed: 06/30/2021 13:57					
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
NE	White Bear Lake East, MN	USGS	7½' x 7½'	1967	Photo Year	Inspected	Revised
NW	White Bear Lake West, MN	USGS	7½' x 7½'	1967	1949	--	--
SE	Lake Elmo, MN	USGS	7½' x 7½'	1967	1947	--	--
SW	St. Paul East, MN	USGS	7½' x 7½'	1967	1947	--	--

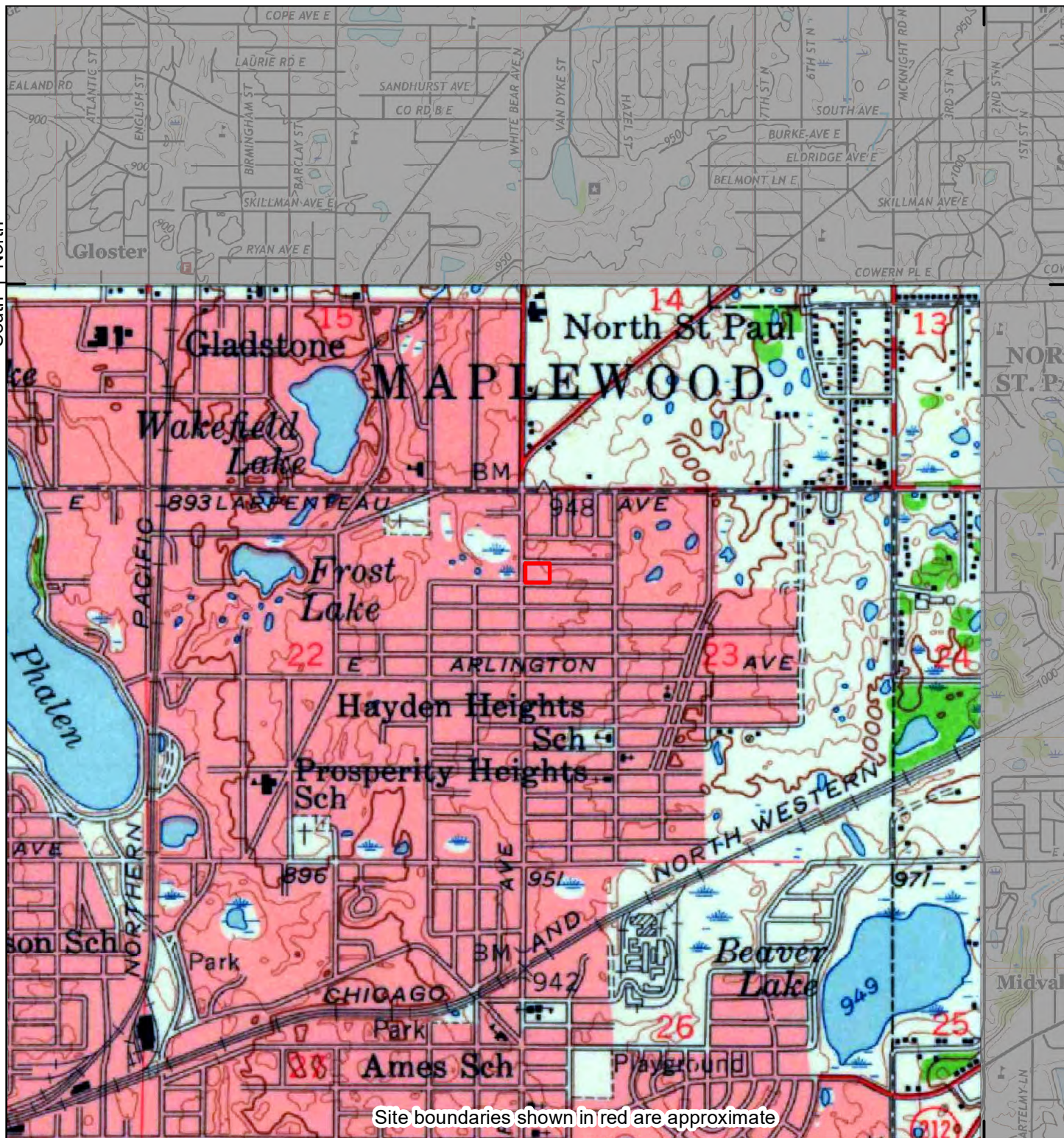


Site boundaries shown in red are approximate

<h1>1951</h1>	0 Distance in Miles 1 	1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N		Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN	
	Unified maps show subdued modern topo features where corresponding maps of the same year were not published.		Braun Intertec Corporation project #B2105938 HIG #212052563 completed: 06/30/2021 13:57		
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year Inspected Revised
NE	White Bear Lake East, MN	USGS	7½' x 7½'	1951	1949 -- --
SW	St. Paul East, MN	USGS	7½' x 7½'	1951	1947 -- --

45°0'N
South North

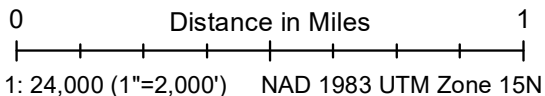
45°0'N



Site boundaries shown in red are approximate

West East
93°0'W

1951



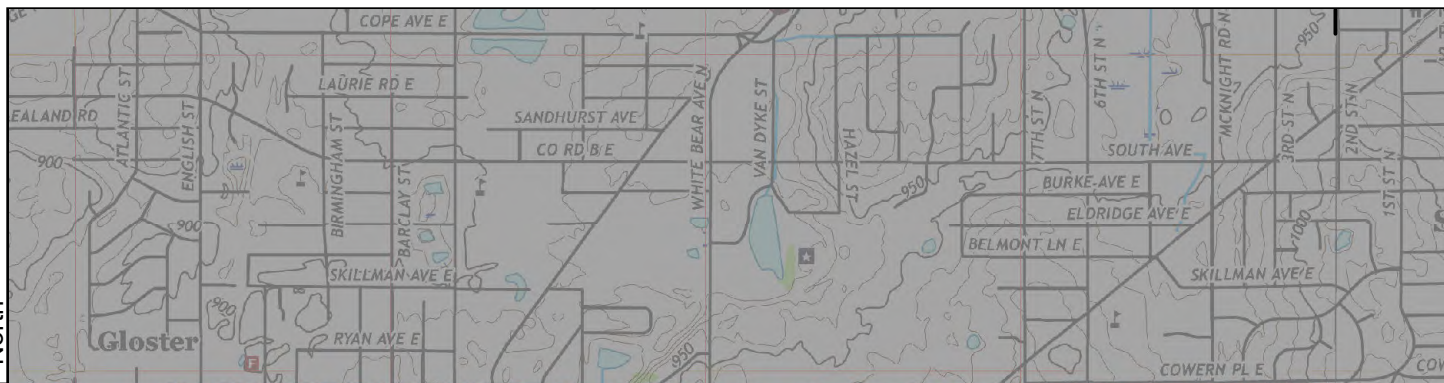
Site information:
Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



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

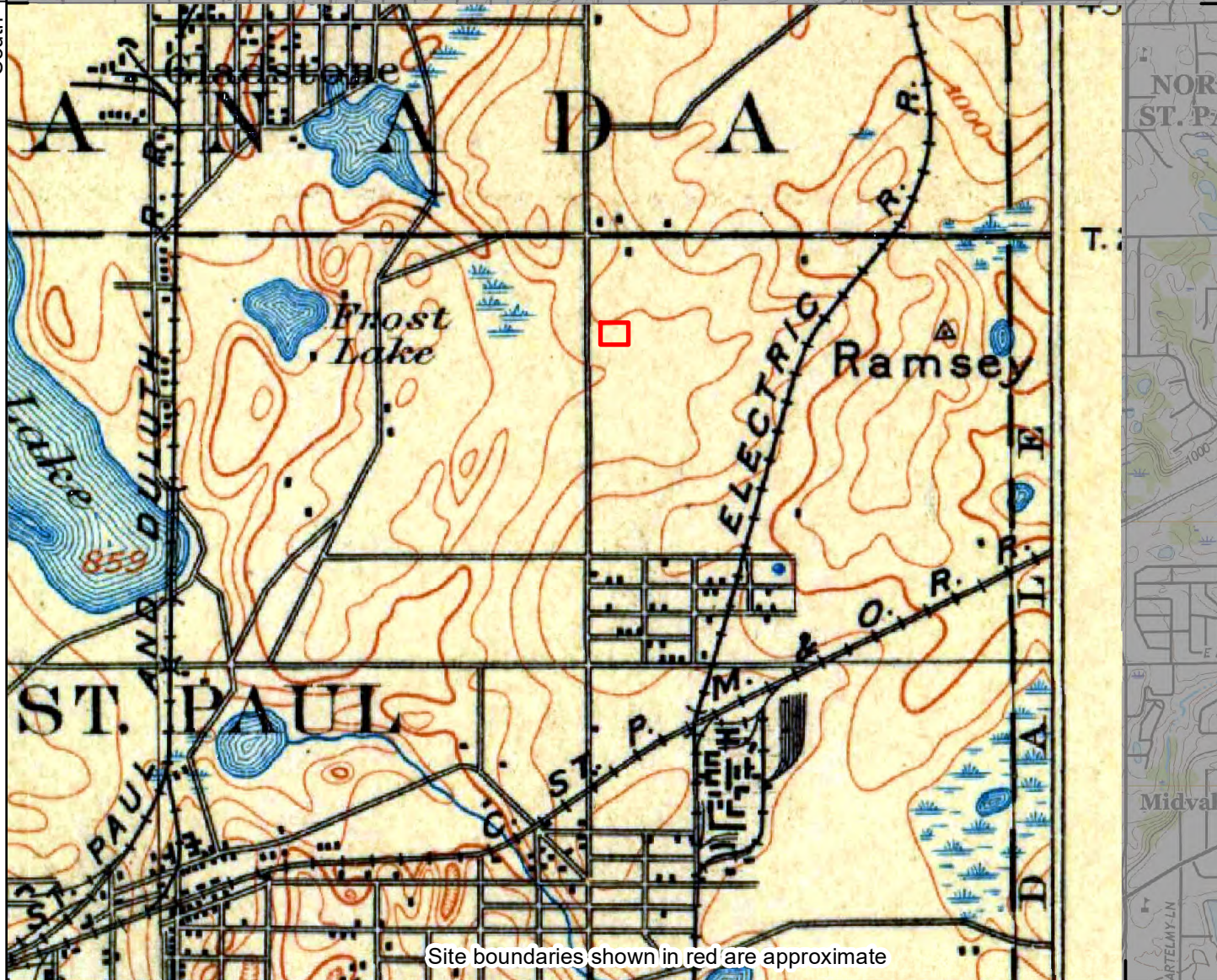
Braun Intertec Corporation project #B2105938
HIG #212052563 completed: 06/30/2021 13:57

Zone		Topographic Map Name		Publisher		Map Size		Base Map		Aerial Photo Topo Updates	
Photo Year	Inspected	Revised									
SW	St. Paul, MN			USGS	15' x 15'	1951			1947	--	--




45°0'N
South North

45°0'N



West East
93°0'W

<h1>1896</h1>	<p>0 Distance in Miles 1</p> <p>1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N</p>	<p>Site information: Former Hafner Bowl 1590 White Bear Avenue St. Paul, MN</p>							
<p>Unified maps show subdued modern topo features where corresponding maps of the same year were not published.</p>		<p>Braun Intertec Corporation project #B2105938 HIG #212052563 completed: 06/30/2021 13:57</p>							
<p>Zone Topographic Map Name</p> <p>SW St. Paul, MN</p>	<p>Publisher</p> <p>USGS</p>	<p>Map Size Base Map</p> <p>15' x 15' 1896</p>	<p>Aerial Photo Topo Updates</p> <table border="1"> <tr> <th>Photo Year</th> <th>Inspected</th> <th>Revised</th> </tr> <tr> <td>--</td> <td>--</td> <td>--</td> </tr> </table>	Photo Year	Inspected	Revised	--	--	--
Photo Year	Inspected	Revised							
--	--	--							

Appendix G
Aerial Photographs



Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



2016

HIG Project # 2052563
Client Project # B2105938
Approximate Scale 1: 2,400 (1"=200')
www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



2012

HIG Project # 2052563
Client Project # B2105938
Approximate Scale 1: 2,400 (1"=200')
www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



2009

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



2004

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



2000

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1994

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1991

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1985

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1982

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1980

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1974

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1966

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1958

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1953

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1947

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1940

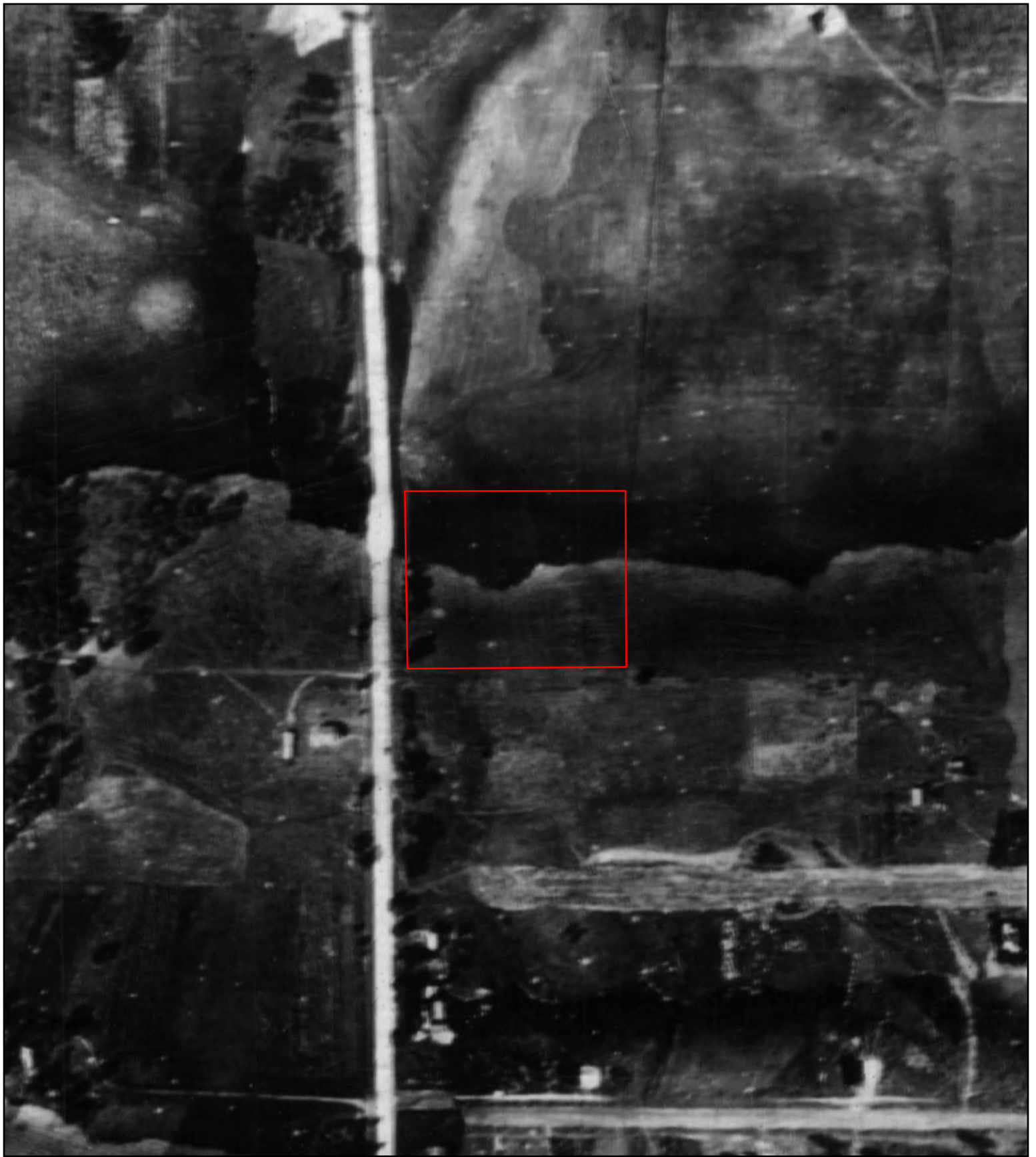
HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com





Site boundaries shown in red are approximate

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN



1923

HIG Project # 2052563

Client Project # B2105938

Approximate Scale 1: 2,400 (1"=200')

www.historicalinfo.com



Appendix H
City Directories

NEW NEIGHBOR

WHITE BEAR AVE N Cont'd
+ LORANGE AVE INTERSECTS
1109 No Current Listing
1014 Chyle Nicole
1129 Denise Charlotte Peterson Mrs J
Peterson Andrea L
+ AMES AVE INTERSECTS
1023 Bivins Barry
1027 Hopkins Sandra D
1145 Mann Sam H & Gloria R
1167 Sables Richard A
1140 Salmel David M
1150 No Current Listing
1166 Zendejas Jose D A
1161 No Current Listing
1164 Garcia Robert J
1167 Nixons Tina L
1169 Herrera Leonardo
1171 Rodriguez Ethel
1172 Nela Joyce M
1179 Gommel David A
+ MARYLAND AVE INTERSECTS
1900 MARVIN AND BE serv station
1001 CAR & AUTO SVCS
1825 No Current Listing
+ HAWTHORNE AVE INTERSECTS
1238 Wilson Carol J
1231 Mangin Joseph J
1238 Pine Martin P & Maria
+ HAWTHORNE AVE INTERSECTS
1243 Steley Charles D & Rainald K
1245 Werner Amy T
1254 Meyer Emily J
1258 No Current Listing
+ ORANGE AVE INTERSECTS
1259 Young Fawn W
+ URANCE AVE INTERSECTS
1260 No Current Listing
1262 Darden Thomas G & Barbara J
1271 Gully Martin A
1277 Champlin Samuel R
1285 Jansen James L & Jean H
1289 Hanson Glenn H & Beverly J
+ AYACINTH AVE INTERSECTS
1291 Jackson Alex L
1297 Gussard Carol A
+ HYACINTH AVE INTERSECTS
1303 DeLana Marie
1307 Anderson Ruth A
1311 DeBoe Therie
1313 ALL TECH ALLIOMOTIVE auto rep & serv
1315 Sandien Carl G
1320 DEEMEN'S BEHAVIORAL ART
1325 LITTLE AVE INTERSECTS
1327 LAGASHER FINANCIAL SVCS
1328 LIFE CARE ANIMAL HOSPITAL
1330 CREATIVE TOUCH HAIRSTYLING
1333 MONTGOMERY LARRY T
1335 Lincoln Lisa
1339 Cayla B
1340 Jessica
1341 Zelen Brnice J
1342 Harold E

WHITE BEAR AVE N Cont'd
8 Fitzgerald Nicholas A
8 Mendez Patricia A
8 Pauloski Frank J
8 Pauloski Stefania F
8 Schmitt Mary J
10 Mengi Munkel J
1306 Storm Emma G
1344 No Current Listing
1347 Young Esperanza
+ CLEAR AVE INTERSECTS
1355 Acosta Jose T
1356 Gonzalez Jose A
1356 Gonzalez Jesus
1356 Delano Richard P
1361 Felipe Kevin J
1362 No Current Listing
1373 Stuyvesant Jessica A
1378 Juentez Jenni A
1377 Boncason Dan R & Kimberly R
+ COTTAGE AVE INTERSECTS
1380 No Current Listing
1381 Nguyen Phai M
1385 Ramirez Susan M
1388 De Hoye John M
1391 Barr Jeffrey A
1394 Caronville William
+ J MICHAELS INTERSECTS
1395 No Current Listing
1398 1. Broberg Phyllis A
1401 Palmer Raymond C
1403 Krueger Florence R
1404 Essay Scott E
1405 Jack Thomas V
1406 Johnson A & Assoc
1389 Strawn Robyn J
1401 RIALEN BARBER SHOP
+ SHERWOOD AVE INTERSECTS
1405 SQUOJUMERS CAFE
1410 ANIK ASHLEYS training salons
1413 AVENUE SHORT WORKS
1415 MENPUS GUY
1418 MIDAS AUTO SVCS EXPERTS auto rep & serv
1418 SHERWOOD LOUNGE
1420 Ogura Mary M
1424 B COOL TATTOO & BODY
1427 Hippie Lawrence C
1428 Blakeman Terry L
1435 HOUSE OF GLOVES
+ APRING TOW AVE INTERSECTS
1445 HEARSHINE HEARING AND CTR
1447 St. Anne's
1456 Live Morning
1456 ST PAUL PUBLIC LIBRARY
1458 Johnson Tracy L
1458 Weiser Anthony P
1458 Medina Dolio W
1459 Medina Nancy M
1463 WHITTIE SHUTE GENTLE DENTAL
1464 Holiday Hylton C
+ NEVADA AVE INTERSECTS
1464 TACO BELL
1465 Elizabeth

WHITE BEAR AVE N Cont'd
1465 WILSON PRINCIPAL HOME
1465 WILSON
1467 GREAT CHIROPRACTIC CLINIC
1467 RAININGS CHIARIS
+ NEBRASKA AVE INTERSECTS
+ NEVADA AVE INTERSECTS
1464 ADVANCE MEDICAL CTR
1464 FAMILY FOOT CLINIC
1464 JAHNKE/ITER FROD W DDS
1464 ING CARTER THOMAS J DDS
1464 WHITE BEAR BAKERY AVE
+ NEBRASKA AVE INTERSECTS
1524 JAMES LISA F DDS
1524 MAHMOODI ELHAM DDS
1524 ROBERT G STONARD & ASSOC
1528 PREMIUM STOP
1528 TOTAL PETROLEUM INC
1528 MONTANA AVE INTERSECTS
+ ZIP CODE 55119
1528 EL QUETZAL
1537 TARTY QUE
1545 AUSTIN JOHN V
1545 PARANT & AMV
1545 TALON INVESTIGATION
1545 MIND'S GARDEN
1545 MILL END TEXTILES
1545 RUES STAR FOR ENTAL
1549 DEARLE MALES & TANNING
1550 DRESS FOR LESS
1552 BEE REAL
1552 KIM'S FABULOUS HAIRCARE
1557 A ARCADE LOCKSMITHING
1557 HAZEL PARK (FRUITWORTH)
1557 ST PAUL LOCKSMITH
1557 HOT AVE INTERSECTS
1557 HUNTING INSURANCE SVCS
1557 CHENG YANG FARMERS
1557 FARMERS INSURANCE GROUP
1557 MODERN RAYS INC
1557 EAST METRO TOWING
1557 GREAT AMOCO CERTIFICATE
1557 HUIZ HOLY M
1557 JOHN AVE INTERSECTS
1557 CODE ENFORCEMENT
1557 MEGGIN PINE
1557 ST PAUL NEIGHBORHOOD
1557 WHITE CASTLE RESTAURANT
1560 MIDWAY TRAINING SVC INC
1561 J ANDY LEE (HRR FACTORY)
1561 JACKSON HEWITT TAX SVCS
1561 IRANO AVE INTERSECTS
1562 GREAT WORLD RESTAURANTS
1562 ZHANG Y

WHITE BEAR AVE N Cont'd
1607 GLASS & MIRROR INC glass
1608 SUBWAY SANDWICHES & SALADE
1608 PRO NAIL manicuring
1608 BOILER EXPRESS FULL SVC
1640 BIG DOLLAR STORE
1645 CLEANER'S OPTIONS
1645 URBAN CLEANERS & RESTORATION
1645 MATTRESS LIQUIDATORS
+ CALIFORNIA AVE INTERSECTS
1654 SALVATION ARMY thrift store
1654 OLIVIA'S JEWELRY
1654 HILLCO BEST TORACO SHOP
1654 HAIR JUNCTION
1654 WALSBERGEN
1654 BLOCH TAX SVC
1654 GLOBE'S PIZZA
1654 REST STEAK HOUSE
1654 CHUCKER AUTO PARTS
1654 LARSEN AVE INTERSECTS
1654 SAINT PAUL FROM 2019
1654 C ST
1654 WHEAT AVE INTERSECTS
1654 ZIP CODE 55119
1654 HEATHER C MATSON
1654 Sabols Kenneth D & Kelly A
1654 Goughan Lynne
1654 Ryan Howard L & Jean M
1654 Conway Brian W & Corbie S
1654 FINNIT David N J
1654 C ST ENDS
1654 BUSINESSES
1654 WHITE OAK CTR (SAINT PAUL FROM 840)
1654 NEW CENTURY BLDG S
1654 ZIP CODE 55119
1654 Roman Gregory R
1654 Danilawski John A Jr & Kathy M
1654 Catherine Dianne W & Eileen J
1654 Pharoah Donald R
1654 Goleman Harold H & Elaine A
1654 Johnson William L
1654 Ornes Steven D
1654 SNOWDRIFT CR
1654 WIGGINS RD (SAINT PAUL FROM 840)
1654 HILWOOD CT WEST
1654 ZIP CODE 55119
1654 Andrew Jeffrey H
1654 No Current Listing

WHITE BEAR AVE N - WILDER ST N

WIGGINS RD Cont'd
601 Bernard Edwin J
601 Bernard Tracy A
601 Yngstad Palmer A Jr & Catherine A
608 Jussim Brian P & Wendy E
616 Visten Cy P & Peggy A
617 Lindstedt Ingrid P & Debra A
623 No Current Listing
623 Safford Michael F
629 O'Hara Gary J & Ann M
630 Paul Gregory D & Mary F
638 Carter Scott M
638 Bogdan Chad M
646 Loken Ross D & Tanya J
650 Ott Robert W & Minnie E
+ BURLINGTON RD INTERSECTS
HOUSEHOLDS 15
WILDER ST N (SAINT PAUL FROM 2019)
PORTLAND AVE INTERSECTS
+ PORTLAND AVE INTERSECTS
+ ZIP CODE 55119
74 Nelson Wilbur E & Patricia M
80 Stida John M & Patricia A
+ ASHLAND AVE INTERSECTS
94 No Current Listing
+ LAUREL AVE INTERSECTS
+ ZIP CODE 55119
129 John Jensen A
129 Johnson Michael F
132 Bivik Lester F & Iona A
136 Kanning Maria C
141 Felt David R
146 Phyllis Karen M
146 SELLBY INTERSECTS
146 ZIP CODE 55119
146 Brian Mogen F
146 Donaldson Timothy D & Carolin A
+ DAYTON AVE INTERSECTS
211 No Current Listing
215 Lang Michelle L
215 W Henry Sherry
220 Houder Erin
+ MARSHALL AVE INTERSECTS
+ IGLEHART AVE INTERSECTS
+ ZIP CODE 55119
277 W Walker Michael D
283 Bayless Jason A & Beth A
287 Plonka Patrick J & Judy J
293 Philip Gustavo
299 Zink Gerald G
301 Goughan Gary J
301 Kovaleski Delrayne
305 Hahn Michelle A
317 No Current Listing
319 Kuskovik Sherry C
328 No Current Listing
+ MERRILL LN ENDS
334 No Current Listing
+ MERRILL LN ENDS
338 Minamoto Glenn C & Kathleen J
338 Jackson Thomas M
338 Johnson Monique
338 Kynke Jennifer D

STREET GUIDE



A Full Service Lumber Yard
We Do Special Shop Work

TEL. 771-5517
1291 E. 7th St.

HOMEOWNER

620

N WHITE BEAR AV-Cross

Mstr B I. P. Security Service security serv
772-2562
102 Ling Robt W hypnotist 774-8498
104 Plus Four Realtors 776-4444
105 Vacant
108 A & C Tax & Accounting Serv
771-3618
E IOWA AV INTERSECTS
1600 Country Club Market Inc grocery store
771-8884

1501 White Castle restr 771-2502
1612 Kee's Chow Mein restr 771-4494
1614 White Wilburs chicken restr 774-8386
1616 Gus Chatters hair salon 774-8976
1617 White Castle (Parking Lot)
1628 Ronald Jewellers jewr 774-6777
1518 1/2 Hillcrest Shopping Center
201 Vacant
Rooms
302 Vacant
207 Nile Distribution distr cleaning
products 776-7149
304 No Return
205 Vacant

STREET CONTINUED

E IDAHO AV INTERSECTS
1620 Snyder Brothers Drug Store 771-8808
1622 Payless Shoe Source 772-2035
1624 Creative Crafts 771-2695
1626 Subway restr 771-1669
Park Girl Center gift shop 774-0238
1627 Hillcrest Glass als & installation 774-9505
1630 Shop Till You Drop gift shop 772-4388
1632 Simek's Meat & Sea Food store 771-0082
1635 Boler Express Car Wash 772-3408
1640 Carlson True Value Hardware 774-0385
1645 Gold Eagle Cleaners dry clns 776-9446
Heath Zenith Computers & Electronics
778-1211

E CALIFORNIA AV INTERSECTS

1653 Flower Affair 774-9061
Hillcrest Travel 774-1611
Carpenter Bob's Construction Inc
remodeling & floor laying 776-8911
Hillcrest Floor & Tile sls-maint-ile &
fl engraving 776-8911
Craftsmen tour wholesalers 774-8699
1666 Mike's Hillcrest Barber Shop 771-6944
Pink Lady Beauty Salcr 771-2114
Gloria's Jewelry 771-2670
Sue's Clip Shoppe dog grooming serv
771-2636
1688 Seymours Health & Beauty Aids drug
store 771-4524
Seymour's Pharmacy pharmacy 771-2388
1690 H & B Block tax serv 774-6511
1691 Jerry's Drive-In restr 776-1583
1692 Vacant
1694 Hair Junction beauty salon 774-9717
1696 Vacant
1698 Angelo's Pizza restr 771-8484
1670 Radio Shack electronic equip 776-5686
1676 Duling Optical optical store 771-3459
1678 Best Steak House The 776-6419
1678 Apostolic Publishing Co Inc 774-9917
1680 Big Wheel Ross: auto parts 774-3046
E LARSENTEUR AV INTERSECTS

**WHITE BEAR AV S -FROM A ST
SOUTH 2 SOUTH OF UPPER APTON
RD**

ZIP CODE 55106
A ST ENDS
6 Kjus D G @ 786-4277
16*Wagner Dennis S @ 731-0001
30 Tourville Thos B @ 738-7711
36 Timmers Edwin A Jr @
36 Adams Nichd C 781-3299
61 O'Regan Richard C @ 774-4002
65 No Return
68 Pinnoh David H Jr @ 716-2854
C ST ENDS

**WIGGERS RD -FROM 610 HILLWOOD
COURT**

ZIP CODE 55601
901 Bartley Steven D @ 738-1888
905 Vogelst Dainor A @ 739-1892
909 Conners Robt W @ 738-0678
916 Burnett David A @ 781-8567

617 Koenigsten Robt J @ 736-2540
624 Dillon James P @ 739-8821
925 Thole Clarence J @ 789-8140
829 O'Hara Gary J 781-8836
955 Elmer Barbara L @ 789-0819
688 Hoffman Kenneth 791-8336
893 Salata Chris @ 789-3770
648 Wilson Dan
BURLINGTON RD INTERSECTS

**WILDER ST N -FROM SUMMIT AV
NORTH 2 WEST OF N PRIOR AV**

ZIP CODE 55104
SUMMIT AV INTERSECTS
PORTLAND AV INTERSECTS
69 De Hart Merrill V @ 644-6328
74 Nelson Wilbur E @ 645-4676
90 Sticha John M @ 655-6962
ASHLAND AV INTERSECTS
94 Hakanson Gerald A @ 644-6114
LAUREL AV INTERSECTS
123 Madson Leif C @ 641-2597
129 Wilson Ronald J 649-0584
Beno*Thein Don 641-1072
136 Buvik Lester F @ 646-0975
136 Wurm Leo J 644-8142
*Fitzpatrick Methl
141 Muller Dan R @ 646-8936
148 Cochrane Steven 646-0849
SELBY AV INTERSECTS
178 Schulze Otto J 645-2960
183 Donakowski Timothy D @ 642-0886
DAYTON AV INTERSECTS
218 Mentor Jubeyann Mrs @ 644-7445
225 Geisen Duane A @ 647-4083
225 Apartments
Lower Gray Hwy 647-1425
Upper No Return

MARSHALL AV INTERSECTS

GLEHART AV INTERSECTS
277 Apartments
A*Luoto C
B*Jackson Joel
C No Return
1 Olson Thos M 644-2417
2*Huller Cath V 644-3462
3 Vacant
4 Diaz Paul B 642-1360
5 Kuel Anthony J 646-8051
6 Johnston Margt 648-1639
7 Reistad Jean 644-0827
8*Chergosky J
283 Barren David J @
287 Barlinger Bruce @ 642-1614
233 Apartments
1*Krier Gregory A 646-0482
2 Vacant
3 Vacant
4*Lockner Tom 649-0488
5*Druckert T
289 Nink Gerald G @ 646-8124
301*Helmlinger Peter 646-2081
309*Murray Joseph @
*Cidback Scott 644-6801
309 Kelly Nora A @ 649-4803
313 Dyson D A @ 646-0113
319 Crowley E F 644-2486
325 Wilder Terrace Apartments
1 Kim Julie A 644-3563
2 Tennyson Arthur L 646-3714
3*Mc Laughlin S
4 Applequist John P 646-3799
5 Gormanson Martin 641-0571
6*Wallberg Mark L 647-3748
CARROLL AV INTERSECTS
(NOT OPEN E SIDE)
MERRIAM LA ENDS
329 Tregler Todd T 644-0695
331*Zelen Wayne
333 Norstrom Glenn E @ 647-0265
335*Callen Scott
339 Apartments
Upper Vacant
Lower No Return
343 Osborn Robt J @ 644-8909
348 Apartments
1*Albers Roger 646-5564
2*Roberts R
3 Vacant
353 Fink Mary D Mrs @ 644-5280
Marjolin Rosemary E Mrs 646-1005
361 Laabs Duane D @ 646-8978
Apartments

554-A

Downstairs Mc Intyre Sharon 344-8666
Upstairs Vacant
ROBYN AV INTERSECTS
375 Quinlan John E @ 646-6366
391 Mallie Dennis @ 648-2970
385*Proehl Dayme F @ 644-3718
391 Fluegel C J 646-2825
395 Schwanke James L @ 644-6804
398 Smith Charles W @ 644-2741
405* Nelson Timothy D 649-1057
ST ANTHONY AV INTERSECTS
45*Brown Brenda 644-5641
461 M And J Auto Repair auto repr shop
644-8291
462 Moseng Daryle @ 647-1445

**WILDER ST S -FROM BAYARD AV
SOUTH 1 EAST OF S CLEVELAND AV**

ZIP CODE 55116
BAYARD AV INTERSECTS
659 Apartments
Lower Rambo Jeanne P Mrs @ 659-1844
Upper Seng Robt A 690-0463
663 Apartments
Lower Rice M Angus @ 690-2509
Upper Orton
669 Moore Lynn M @ 699-4193
673 Koock Robt L @ 699-0212
677 Schluster John H @ 699-8088
681 Antony Arnold H @ 699-5088
ELEANOR AV INTERSECTS
690 Carlson Emil C @ 699-9666
Carlson Pat A @ 698-7512
696 Langberg F John @ 696-7210
697 Reasig Eunett W @ 698-3048
702 Koepfel Edw J @ 698-3538
707 Paniel James C @ 699-3717
711 Raemsson Arth F @ 699-4983
712 No Return
716 Peterson Harold T @ 698-6369
HIGHLAND PKWY INTERSECTS

BOHLAND AV INTERSECTS

841 Apartments
1 Salmon Rita A 698-3729
2*Bradford Michael 690-3757
3*Siebenaler Theresa 690-8908
4 Roufs Peter 698-1759
5*Kanish Michl
6 Vacant
846 Berg Win R @ 690-0268
849 Doyle Mary C @
850 Colestock Michl J @ 699-4663
853 Mathias Violet Mrs @ 698-6425
854 Salvatore John P @ 699-4663
857 Francis John H @ 699-9066
858 Nelson M Cecelia Mrs @ 698-7208
861 Moschogiannis Marie M Mrs @ 699-2325
862 Lieberman Eileen B Mrs @ 698-9332
865 Groh Marcela L Mrs @ 699-2296
866*Erickson Bob E @ 699-1807
DELANO PL INTERSECTS
870 Robichaud Mary A @ 699-2866
871 Schantzen Ronald F @ 698-8743
875 Ramaker Joseph C @ 698-6410
876 Williams Linda L @ 698-1836
881 Johnson Gene @ 699-3307
882 O'Neill Richd T @ 698-1822
886 Link Michl 698-0640
888 Fritz Geo Jr @ 699-3680
891 Zilley Dean L @ 698-5528
894 Crossman Robt S @ 698-0161
895 Ping Rick L @ 690-0580
898* Nelson Bill @
904 No Return
905 Carson Saml J @ 698-8026
909 Morales Rita @ 699-5208
910 Rett Henry G @ 699-3516
SALNDERS AV INTERSECTS
911 Leonardson Lester D @ 699-4706
914 Barcelow Paul A Jr @ 699-2494
917 Wirth Robt @ 698-7901
920 Fitzgibbon Michl J @ 699-3752
925 Novak David A @ 690-0050
926*Conrad James A @ 690-1794
931 Dannovsky Simon @ 699-9573
932 Burns John R @ 690-2118
935 Holmboe Albert E @ 698-2961
938 Hogberg Howard P @ 698-9588
939 No Return
ROME AV ENDS
943 Mass Carl D @ 698-1549
944*Joyce Sean M @ 698-4346
947 No Return

587

822-A

554-B

GOPHER STATE FENCE CO. & F.S.S. INC.
 SALES/INSTALLATION
 CHAIN LINK • WOOD • VINYL FENCING
 COMMERCIAL • RECREATIONAL • RESIDENTIAL
 160 REANBY AV., ST. PAUL, MINNESOTA 55105
 TEL. 771-0548



1600 Grand Av.
 St. Paul, Minnesota 55105
TEL. 696-6000

MACALESTER COLLEGE



INTERNATIONAL MULTIFOODS
 612-340-3300

478

- N WHITE BEAR AV—Contd**
 1362 Nadeau Donald H @ 771-4551
 1365 Palubinsky Norman P @ 771-8885
 1366 Lewis M L @ 776-6363
 1368 Edge Raymond E @ 771-4272
 1373 Reisen M G @ 776-8284
 1376 Jaetten Jean J @ 774-8146
 1377 Hannigan James A @ 776-5108
 1380 Jones Douglas F @ 778-8471
E COTTAGE AV INTERSECTS
 1381 Tscheny Gregory @
 1385 Jensen Lloyd M @ 771-0547
 1390 Brandt Ernest E @ 776-5850
 1391 Behr Jeffrey A @ 774-1616
 1394 Forest Apartments 771-2800
 Inner Dimensions beneficial hypnosis 771-2600
 1 No Benim
 2* Todara Joseph 774-0504
 3* Miller Schmidt
 4 Evans C 771-1721
 1395 Sherwood Austin J @ 776-7037
 Suites
 A Affiliated Insurance Brokers 774-6113
 B Capri Electronics 776-5659
 1396 Apartments
 1* Rodriguez Richd
 2 Wilcox Mark S 776-2760
 3* Pentka Robt C
 4* Scharfhalig Melvin L
 5* Lockhart M
 1398* Anderson Wayne R 776-8782
 1401 E R A Belinberg Realtors 774-8771
 1406 Napoli Cafe 778-0486
 Frantalone Barbara J
SHERWOOD AV INTERSECTS
 1410 D & J Antiques 774-6422
 1412 Insty Print 776-1122
 1414 All Area Sport Learning sports retail 771-2738
 Marcia's Beauty Corner 774-0411
 1416 Midco Muffler Shops 774-0388
 1418 Sherwood Lounge tavern 776-5090
 Midwest Markings silkcreening 778-0041
 1423 Ogura Mary M Mrs @ 771-5190
 1424 Standard Elevator Co Inc elev contrs 774-8681
 1427 De Haven Harold C @ 771-3703
 1433 Birkholz Edwin A @
 1438 House Of Clocks sta 771-7479
 Annie Clave's Doll Hospital Museum 774-0040
 1438 Vacant
E ARLINGTON AV INTERSECTS
 1446 Peterson E W @ 774-5625
 1447 Olson Gordon N @ 776-4828
 1456 Andrea Vincent J @ 774-3242
 1458 St Paul Public Library (Hayden Hse Bc) 292-6448
 1468 Pick Dent P @ 771-3106
 1460 Cable Roger W @ 771-2220
 1468 Hukday Robt F dentist @ 776-0150
E NEVADA AV INTERSECTS
 1484 Seasons Restaurant 772-2773
 1488 Wulff Family Mortuary funeral dir 776-1566
 1487 Great Chiropractic Clinic 776-7100
E NEBRASKA AV INTERSECTS
 1504 Oesika Henry dentist 774-7144
 Bekholm Dennis M dentist 778-3434
 1511 Hillcrest Liquor Store 771-1177
 1514 Worma Frank W orthodontist 771-7719
 Brunsonman Jerry K dentist 774-9611
 Mr Carter Thos J dentist 774-0311
 1518* Berndt Gordon
 1517 Mattress Liquidators house furnishings 778-1130
 1524 Helleen Robt L dentist 776-1697
 Sorenson Lowell F dentist 776-1587
 1529 Q Superette gas sta 776-5422
E MONTANA AV INTERSECTS
 1532 Hillcrest Shopping Center
 Guertin Hillcrest Pharm 776-7497
 US Postal Serv Sta No 1
 1534 Danna Properties Inc 772-3477
 1536 P R Flooring Inc wallpaper & paint 771-2666
 1537 Dairy Queen (Br) ice cream 771-1350
 1538 Diebel Gregory M cps 774-0113
 Larson Melle cps 771-7218
 Al A-Nm Information Center 771-2308
 Austin John V psychologist
 Universal Marketing 771-5287
 1540 Patrick Hair Design 774-8701
 1546 Eighty Eight Cent Store variety store 771-2585
 1550 Ten Thousand Auto Parts 771-1680

- 1557 One Hour Manicuring Dry rins 776-4631
E HOY AV INTERSECTS
 1560 Hahner's Hillcrest bowling lanes 776-2704
 1563 First Federal Savings 774-8718
 1567 Clark's Submarine Sandwiches 771-8720
 1581 Hillcrest Standard Service 776-3947
 1590 Kolkeater Jewellers 774-1531
Mammor Caswell Parks & Book Ltd
 Twyne 774-8731
Rooms
 101 Vossen R F Co Ins & real est 774-2666
 102 Ling Robt W hypnotist 776-8483
 103 Mammor Caswell Parks & Book Ltd (Sub Ofc)
 104 Plus Four Realtors 776-4444
 105 Measlin Engineering 771-1890
E EUNA AV INTERSECTS
 1600 Country Club Market Inc 771-5684
 1601 Wine Castle rest 771-1692
 1612 Kevla Edge Motor Sales 771-6481
 1614 Wenzel Donat Thomas 776-2241
 1616 Oak Ridge barber 774-6772
 1617 White Castle (Working Ltd)
 1618 Donald Jewellers 774-9777
 1618* Hillcrest Bookery Center
 Books
 304 Hillcrest Shopping Center
 (Observations sta) 771-2948
 306 Farmers Insurance Group 771-5527
 308 Bono Paul contractor 771-3878
 309 Ramsey County Parks & Recreation 771-2112

STREET CONTINUED

- 1620 Snyder Brothers (Dry Clean) 771-8803
E IDAHO AV INTERSECTS
 1622 Burns Jr Dry Clean 774-0431
 1624 Sunn Bldg 774-4113
 1627 Hitecra Glass glass & installation 774-8404
 1630 Ceramic & Marble Interiors Inc 774-7528
 1632 Fashion Gallery dr 774-5362
 1635 Hillcrest Car Wash 772-4306
 1640 Warner True Value Hardware Co 774-0355
 1645 Gold Eagle Cleaners 776-5485
 Healthkit Electronic Center 778-1211
 1650 Beath & Home Co fire pl sta 778-0427
E CALIFORNIA AV INTERSECTS
 1654 Flower Attair 774-8061
 Hillcrest Printing & Office Supply 771-2144
 Country Cheese & Deli 774-2681
 Metro Pool & Spa Service Inc 771-2506
 Hillcrest Video 771-9518
 Minnesota Linings 771-6686
 1658 Mike's Hillcrest Barber Shop 771-5944
 Pink Lady Beauty Salon 771-2114
 Scotts Antiques 771-7171
 Sue's Clip Shoppe dog grooming serv 771-2836
 1665 Sevonni's drug store 771-4621
 1660 H & R Block Income tax serv 774-6511
 1661 Jerry's Driveln rear 776-1583
 1662 Plaza Paint & Wall Covering whol & ret 771-7114
 1664 Hair Junction 774-9717
 1668 Hot Licks record shop 776-3990
 1669 Angelo's Pizz 771-8484
 1670 Badin Shack 776-5685
 1678 Dubing Optical 771-3450
 1678 Best Steak House The 776-5419
 1678 Apostolic Publishing Co Inc cath year book 774-9917
 1680 Big Wheel The auto parts 774-6616
E LARPEUR AV INTERSECTS

WHITE BEAR AV S —FROM A ST SOUTH 2 SOUTH OF UPPER APTON RD

- ZIP CODE 55106
 6 Evans D B @ 776-4277
 30 Thurville Thos B @ 738-7711
 35 Timmers Edwin A Jr @ 774-2881
 36 Evans Jack L @ 739-8473
 51 O'Regan Richard L @ 774-4002
 54 Finholt David M Jr @ 785-0884

WILDER ST N —FROM SUMMIT AV NORTH 2 WEST OF N PRIOR AV

- ZIP CODE 55104
PORTLAND AV INTERSECTS
 68 De Hart Merrill V @ 844-4329

- 74* Nelson W E @ 845-4579
 80 Stacha John M @ 645-5862
ASHLAND AV INTERSECTS
LAUREL AV INTERSECTS
 123 No Return
 129 Ed Carl P Jr @ 646-0772
 135 Buick Lender F @ 646-0673
 136* Whinn Leo 644-8142
 141 Fuller Don R @ 846-4836
 148 Vacant
SEELY AV INTERSECTS
 178 Curran James P @ 844-2827
 182* Henly Geo @ 647-9945
DAYTON AV INTERSECTS
 211 Vacant
 218 Mantor Julietan Mrs @ 646-7445
 225 Geseo Duane A @ 647-0988
 226 Dolan Irene A Mrs @ 845-8485
 Vacant

MARSHALL AV INTERSECTS (GLEHART AV INTERSECTS

- 277 Apartments
 A Hollinshead Cheryl 646-8976
 B* Beutcher B
 C Bailing Mark 548-4204
 1* Budow A
 2* Duhak Theresa M 646-9886
 3 Hean Richd E 645-8072
 4 Jensen Clare E 646-9266
 5 Kessel Anthony J 645-8261
 6 Johnson Margt Mrs 846-1338
 T* Hall Michl
 8* Hamilton Falk
 288 Vogelgesang James @ 644-0466
 287* Thompson Warren R @ 646-8308
 293 Apartments
 1 Vacant
 2 Vacant
 3* Alquist J H 644-8371
 4 Vacant
 5* Klemmer Paul T 644-4346
 6 Rosch Jean M 644-6588
 7 Jurusik Stan P 646-8599
 8 Hope Francis G 642-9539
 299 Zink Gerald G @ 646-8184
 301* Hayes J 847-9089
 *Kirschner T M 844-4970
 308* Bullyment B @
 309 Kelly Nora A @ 844-4803
 345 Mc Kenzie Algalil E @ 644-0300
 319* Strehm M L 846-4880
CARROLL AV INTERSECTS
 326 Wilder Terrace Apartments
 J Kiel Julie A 644-3669
 2* Ireland J 844-1811
 3* Mc Loughlin S
 4 Tennyson Arth L 646-3711
 5 Fuentes Rene 642-1044
 6* Oberstein R
MERRIAM LA ENDS
 329* Sweeney Paul 846-1946
 331* Ryan T 642-1629
 333 Norstrom Glenn E @ 647-0280
 335 Reid James P 844-2869
 339 Bloemendal Jan A @ 844-6537
 Langenberg Christian L 646-4728
 342 Osborne Robt J @ 844-9909
 349* Blacoe Timothy @
 Finanger John I 643-2892
 *Bris Sharon
 353 Fink Mary U Mrs @ 644-6280
 Martich Thos C @ 646-1605
 361 Wright Mary J @ 646-6250
 371* Larson Robt @
 *Mc Intyre Sharon 644-8865
 *Waleski R D 646-2784
ROBLYS AV INTERSECTS
 375 Quinlan John E @ 646-3136
 381 O'Brien Don J @ 645-8802
 385 Proell Duayne F @ 644-5716
 391 Floggel C J @ 645-2685
 396 Schwames James L @ 644-4170
 399 Smith Charles W @ 644-2711
 403* Wilder Jan 644-3270
ET ANTHONY AV INTERSECTS
 468 Oliver Wm Jr @ 646-1751
 Moseng Bruce C 646-6226
 481 Italian Variety Foods Inc wholesale spices 645-3553
 482 Moseng Daryl @ 647-1445

401

THE MANNILLO COMPANIES
310 PIONEER BUILDING • ST. PAUL, MINNESOTA 55101

OFFICE AND WAREHOUSE SPACE

TEL. 222-4444

319

N WHITE BEAR AV—Contd
1188*Laie J P 774-6689
*Drabik H 774-6754
1172 Brigley Roofing & Siding Co contrs
776-0024
Brigley Veronica I Mrs @ 776-0024
1179 Schmidt Ken C @ 774-8063
1187*Reitz Donald L @ 774-2243
1189 Lou's Food Market 776-6378
1200 Doug's Standard gas sta 771-6163
E MARYLAND AV INTERSECTS
1201 Car-X Muffler Shops 774-6686
1217*Geller Greg L @ 774-7708
1225 Farkes Helen @ 776-8044
1229 Wilson Ged J @ 771-6274
HAWTHORNE AV INTERSECTS
1231*Schneider David M @ 778-0244
1238 Russell Marie A @ 771-6370
1243 Buse Richd S Jr @ 776-3391
1245 Flater Calvin A @ 776-1241
1254*Voigt Dale A 771-9318
1259 Young Edwin W @ 776-0117
E ORANGE AV INTERSECTS
1265 Venger Ira F @ 771-4886
1280*Macioch Miel J @ 774-1156
1271 Holm Marvin R @ 776-7718
1277 Champion Saml P @ 771-6355
1283 Jansen James L @ 772-1047
1289 Hardin Glen R @ 774-7774
1291 Ginnaty Thos P @ 776-2577
E HYACINTH AV INTERSECTS
1297*Gladden R L 771-7004
1303 Holst Fred C @ 771-4058
1307*Garski Raymond M @ 771-7455
1311 Thomason Clark R @ 776-2604
1314 Bill's Texaco Station 774-1114
1316 Sandeen's Scandinavian Gift & Card
Shop 776-7012
Sandeen Oswald A @ 774-3584

E IVY AV INTERSECTS
1321 Twin City Carpet Co 776-2714
1328 East Side Animal Hospital 774-0663
1330 East Side Locksmiths 774-2111
1330 1/2 Vacant
1335 Apartments
1 Milligan Grace I Mrs 774-0409
2 Carlgren Lois H 774-8471
3*Neuch Thos A 776-0347
4 Bugh Fred R 774-4854
5 Landwehr Julie C Mrs 774-5006
6 Rosenthal Larry 771-0682
7 Sandercock C C 776-0961
8 Nickles R A 774-0223
9 Schmitz Fredk 776-0442
10*Ward Ken
11*Krueger
1338 Olson Selma Mrs @ 776-5809
1344*Del Pino J @ 771-7811
1347 Vacant
CLEAR AV INTERSECTS
1355*Cavelski Michl J Jr @ 771-8935
1366 Clayton Wm Z @ 771-5198
1361 Stewart Mae A Mrs @ 771-2604
1362 Nadeau Marnie L Mrs @ 771-4551
1365 Jannetti Josephine D Mrs @ 776-2562
1368 Lewis Roy H @ 776-4363
1369 Edge Raymond E @ 771-4272
1373 Zappa Emil A @ 776-1986
1376 Juetten Jean J @ 774-8146
1377 Hartigan James A @ 776-5109
1380 Manske Wm D @
E COTTAGE AV INTERSECTS
1381 Tacheny Rosemary A Mrs @
1385 Jensen Lloyd M @ 771-0947
1390 Brandt Ernest E @ 776-5850
1391 Triemer Leola M @ 774-7966
1394 Forest Apartments
1*Christensen S 774-6284
2 Savellus Jas 776-8579
3*Williams D G 776-8598
4*Meyer Gerald L 776-0896
1395 Sherwood Austin J @ 776-7037
1396 Breyman Dental Arts bwy 776-8771
Cleaning Service Delight janitorial serv
831-0097
Apartments

1 Sadowski Laurie 774-2920
2 Wilcox Delores E 776-3760
3*Hammer Ronald B 771-9582
4*Heir Tamr 776-1633
5 Tidens Henry H 772-1815
1399 Peters Helen S Mrs @ 771-8125
1400 Napoli Cafe
1401 Rehnberg Realty 774-9771
1406 Napoli Cafe 778-0486
*Digman Debra @ 776-0130
SHERWOOD AV INTERSECTS
1410 House Of Clocks repr 773-7479
Hillcrest T V & Stereo sta & serv
771-8056
1414 All Area Sport Lettering signs & cards
writs 771-7738
Marcia's Beauty Corner 774-0411
1416 Midas Muffler Shop 774-0338
1418 Sherwood Lounge tavern 776-9319
Ramon's Pizzeria 771-8973
1424 Ogura Johanna C @ 771-5150
1424 Standard Electric Co Inc elec contrs
778-4286
1427 De Haven Harold C @ 771-3703
1432 Birkholz Edwin A @
1436 Saint Paul Public Library 774-8769
E ARLINGTON AV INTERSECTS
1443 Under Constr
1447 Olson Paul R @ 776-4928
1455 Andrea Vincent J @ 774-3242
1459 Bonnet Arlene M @ 771-9106
1465 Cable Roger W @ 771-4220
1469 Hobday Robt P dentist @ 778-0120
E NEVADA AV INTERSECTS
1484 Sambo's Restaurant 772-2773
1486 Wulff Family Mortuary funeral dir
776-1555
1497 Great Chiropractic Clinic 778-7100
E NEBRASKA AV INTERSECTS
1504 Oselka Henry dentist 774-7144
Eckholm Dennis M oral surgeon 772-1134
1511 Hillcrest Liquor Store 771-1177
1514 Bakalars Eug R orthodontist 771-7719
Broude David J dentist 774-9611
Fuller Darwin F Jr dentist 774-9811
Mc Carter Thos J dentist 774-0311
Brunosman Jerry K dentist 774-9611
1517 Mattress Liquidators house furnishings
778-1130
1524 Cumming E Dale phys 774-6013
Hellesen Robt L dentist 776-1837
Sorenson Lowell F dentist 776-1587
1529 Erickson Holiday Station gas sta
776-3283
E MONTANA AV INTERSECTS
1538 Hillcrest Shopping Center
Guertin Hillcrest Pharm 776-7497
US Postal Serv Sta No 1
1534 Paper Reflections wallpaper & paint
772-2406
1537 Dairy Queen (Br)
1538 A & D Realty 771-7287
Services Unlimited surveys & more
776-1884
1540 Patrick Hair Designs 774-8701
1546 Eighty Eight Cent Store variety store
771-2685
1550 Roxy Furniture & Appliance 771-5533
1557 One Hour Maclnizing 776-4531
E HOYT AV INTERSECTS
1560 Hafner's Hillcrest bowling lanes 776-8700
1563 Home Federal Savings & Loan Assn
774-8718
1567 Clark's Submarine Sandwiches 771-8720
1570 Clark Super (Br) Service Station (Br)
776-9116
1581 Hillcrest Standard Service gas sta
776-3947
1590 Kokkeler Jewelers 776-1531
Memmer Lowell Parks Bock & Tessenier
774-8731
Bock Bruce L lwyr 774-8731
Canwell Seldon H lwyr 774-8731
Memmer Fredk P lwyr 774-8731
Parks Clayton Jr bwy 774-8731
Rooms
101 Vossen R P Co ins & real est
774-8666

102 King Robin W hypnotist 776-8493
103 Hemson Army Ins 771-6992
104 Plus Four Realtors real est 776-4444
105 Wynne's Jim Pro Shop sports equip
sls 772-2503
E IOWA AV INTERSECTS
1600 Country Club Market Inc (Br) 771-8884
1601 White Castle restr 771-0582
1610 Gruber's Hillcrest Hardware retail
771-5487
1612 Kee's Shaw Mein Inc restr 771-4494
1614 Winchel Donut House 776-2214
1616 Barbara's Hillcrest The 776-9347
1617 White Castle (Parking Lot)
1618 Ronald Jewelers 774-9777
1618 1/2 Hillcrest Shopping Center
Rooms
201 Poppenberger Agency Inc ins
774-8744
203 Farmers Insurance Group 771-6627
204 Park Pool manager 774-2378
206 Argental Bruce dentist 771-2727
206 Highland Grass C dentist 771-2727
208 (Sub Lck)
209 Ho/noids-Johnson & Vanderwyst
sect 771-1441
WINKET CONTINUED
1620 Snyder Brosess Drug Store 771-8803
E ILLINO AV INTERSECTS
1622 Park's Co Dress Shop 774-3633
1623 Stanbond res furn 774-5466
1627 Hillcrest Glass glass & installation
778-9906
1628 Abbey Music Shop & party equip rental
774-6668
1630 Carpet Fair 776-2416
1635 Hillcrest Car Wash 772-3706
1640 Warner Barbershop co 774-9355
1645 Gold Eagle Wash (Br) self serv indiv
778-0965
1650 Hearsh & Hanna ES fire pl sls 776-0427
1654 Stangel's Factory Outlet & Surplus Store
778-1717
E CALIFORNIA AV INTERSECTS
1655 Mike's Hillcrest Barber Shop 771-5944
Pink Lady Beauty Salon 771-2114
1656 Knock On Wood Co furn sls 776-1553
1660 Midwest Vision Center optns 776-1118
1661 Jerry's Drive-In restr 776-1583
1662 T Game Lad 771-7114
1664 French/American Wig & Beauty
774-9717
1666 Hot Licks record shop 776-3998
1668 Angelo's Pizzas 771-3484
1670 Radio Shack 776-5666
1675 Duling Optical 771-3459
1676 Best Steak House The 776-5419
1678 Safeway School Of Driving 772-2466
1680 Big Wheel The auto parts 774-8646
E LARPEUTEUR AV INTERSECTS

544
**WHITE BEAR AV S—FROM A ST
SOUTH 2 SOUTH OF UPPER APTON
RD**
ZIP CODE 55106
6 Kiwus Geraldine F Mrs @ 735-4277
30 Tourville Thos B @ 739-3420
35*Timmons Edwin A Jr 774-7881
36 Evans Jack L @ 739-3473
51 Robinson Ruyard S @ 774-4745
58 Finholt David N Jr @ 735-0884

620
**WILDER ST N—FROM SUMMIT AV
NORTH 2 WEST OF N PRIOR AV**
ZIP CODE 55104
PORTLAND AV INTERSECTS
89 De Hart Merrill V @ 644-8328
74 Murphy Bernadette V @ 645-3274
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 1 *Noveck John 772-2170
 2 *Passafium Nancy 771-4804
 3 Orlando Lemke N 774-8488
 4 Whabbe Ida Mrs 771-6288
 Hazel Park Family Practice Center
 772-3461
 296 Hildebrand Marjory E Mrs 735-4875
 *Richie Lawrence @ 735-5521
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 281 Spahn Heck's Automobile 772-2115
 *Peterson Lorretta R 771-9031
CASE AV INTERSECTS
AMES PL ENDS
LA CROSSE AV INTERSECTS
 1000 Church Of The Blessed Sacrament
 735-3707
 1008 Ernst Frank J @ 771-9428
 1011 Vacant
 Clark Thos L 774-7051
 1018 Nelson Geo W @ 774-3244
 Knott Charles H 774-3780
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 1023 Apartments
 Sebeck
 2 Robinette Anna A Mrs 778-3450
 3 Buch Marie A Mrs 772-3126
 4 Vacant
 5 *Poole Wynne S Mrs 774-8064
 6 Haselbeck Charles W 774-1961
 1029 Mileto Anthony @ 771-3674
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 1321 Twin City Carpet Co 775-2714
 1328 East Side Animal Hospital 774-9069
 1330 Ham Park Beauty Co 775-0100
 1330 1/2 Vacant
 1335 Apartments
 1 Milligan Grace I Mrs 774-0409
 2 Carlson Lois H 774-8471
 3 Epple Bono 774-7052
 4 Bugh Fred R 774-4624
 5 Landucci Julie C Mrs 774-5008
 6 Vogt Harry E
 7 Wilzbacher Eva F Mrs 775-6020
 8 James Bernice F Mrs 774-8107
 9 Sonnen Joan M 771-1218
 10 *Keenan Allen R 774-6589
 11 Vacant
 1338 Olson Harry H @ 775-3500
 1344 Helton Frank H @ 774-7216
 1347 *Skogge Charles E Rev 771-9487
CLEAR AV INTERSECTS
 1355 Cascade Mill @ 771-3900
 1356 Clayton Win Z @ 771-5150
 1361 Somers Mrs @ Mrs @ 771-3884
 1362 Bremer Mammie J Mrs @ 771-4661
 1365 Jackson Josephine D Mrs @ 774-2662
 1368 Lager Day H @ 775-2166
 1369 Engel Kenneth E @ 771-4272
 1373 Essential Henry J @ 771-8880
 1376 Johnson Jess J @ 774-8140
 1377 Haggan James A W 776-1170
 1380 Marsha Ann D @ 771-0682
E COTTAGE AV INTERSECTS
 1381 Lockway Rosemary A Mrs @
 1385 *James Lloyd M @ 771-0881
 1390 Krohn Emma E @ 775-5280
 1391 Hansen Walter D @ 774-7301
 1394 Greater Minnesota Professional Markers
 771-9787
Forest Apartments
 3 *Rouss JoAnne Mrs 774-1636
 3 *Ward Cheryl
 4 *Vickstrom B 771-1788
 1396 Silverwood Austin J @ 774-7037
 1398 Sinclair Gordon I Wyr 774-8921
 State Farm Insurance Co 775-2711
Apartments
 1 *Groner Shalynn 771-9187
 2 Wilson Deloris 775-3780
 3 Blum Freda A 771-6261
 4 *Kirkwin Thelma 774-4086
 5 *Ludloff Homer 774-1569
 1399 Peters Win A @ 771-8125
 1400 Coyette E J Meat Market 775-8823
 1401 Haldeen's Service Station 775-2583
 1405 Napoli Cafe 775-8314
 Christine Peter V @ 774-0731
SHERWOOD AV INTERSECTS
 1410 Crudo Vincent H phys 775-8311
 J J's Jew & Key Locksmith 774-6221
 Haglund Smart C dentist 771-2727
 Maudie's Beauty Corner
 1414 Hoffman D C Standard Electric
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 1427 De Haven Harold C @ 771-3703
 1432 Birkholz Edwin A @ 774-6231
 1435 Saint Paul Public Library 774-9769
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 1447 Olson Paul R @ 774-4928
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 1460 Schudd Françoise M Mrs @ 776-8131
 1469 Rinehart Ernest M @ 774-6742
 1485 *Clude Roger W @ 771-4220
 1488 Digabano Mae J Mrs @ 771-8714
 1499 Ziton Albert dentist @ 775-3120
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 1494 Sambo's Restaurant
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 1504 Osella Henry dentist 774-7144
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 1514 Bawalers Eug R orthodontist 771-7710
 Coyle T F dentist 774-8611
 Fuller Darwin F Jr dentist 774-8611
 Mackay Donald R dentist 774-8611
 Mc Carter Thos J dentist 774-0511
 Nelson R L dentist 774-9811
 Brunsman J K dentist 774-8511
 1515 Vacant
 1517 Rapid Shop Superette 775-9444
 1524 Clumming E Dale phys 774-8013
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 1618 Barber's Hillcrest The 775-9347
 1617 Vacant
 1618 Koller Jewelers & Gift 775-1531
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 204 Reynolds Motel pub rest 771-1330
 205 Strand Surgical Service phys &
 hosp sup ails 775-2558
 206 Vacant
 207 Vacant
 208 Dunn Delano J A podiatrist
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1426 Andrea Vincent J @ 774-3242
1429 Schulte Wm E @ 776-8181
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1529 Appleton Holiday Sta gas sta
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1532-1533 Hillcrest Shopping Center
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Queen's Drug Store 776-7007
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Wilson Clarence & Laundropers pr
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Wilson Robt L dentist 776-2037
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Snyder Bros Drug Store 771-0803
Woolworth R W Co dept store
774-8800
Crest Meats 774-8045
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Cheighen Louis H optom 771-8050
Billrest Panzer Corp loans
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Coast 16 Candy Stores br indy
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Seare Rockwell & Co br mail order
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Muhler Goose Land Toys & games
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Leary A Toys & Gifts br toy gas
sta 776-8427
Bryce Fred & Dept 771-8092
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Wagner Alan Dept 771-8011
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1581 Stan & Howard 888 gas sta
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39 Metcalf Allen A @ 771-5402
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68 Pinhair David M @ 771-8051
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west of Prior av**
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Laurel av Intersects
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Brocker Aline C Mrs 644-3547
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bmt Chen Mark C 644-4107

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4 Fraix Percy
5 Vacant
6 Vacant
7 Vacant
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Marshall av Intersects
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B Vacant
J Brown Viola C Mrs 646-5100
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Nalsinger Mildred E 644-8099
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Dunn Ruth V Mrs 646-8281
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324 Trumpf Lewis J @ 646-4288
326 Schaefer James F 646-4442
O'Keefe John 646-6071
Clum Roger R 644-0289
35A Morfisch Thos G @ 646-1506
Pike Tod C @ 644-1724
361 Wright Wm H @ 646-6250
Arndt Margt M 644-4230
Carolan Mella A 641-1231
371 Parson Jas C @ 644-0435
Robly av Intersects
375 Quinlan John @ 646-3150
381 Healy Warren D @ 646-6471
385 Roach Dorothy Mrs @ 644-3880
381 Kuegel Jas V @ 645-3880
345 Schwantes Louise M Mrs @ 646-1078
308 Hunkiker Aura Mrs @ 646-1077
308 Adams Jerome C @ 645-3880
StAnthony av Intersects
Milwaukee av Intersects
458 Messing Erno A @ 644-9208
Frostwater Lewis G 645-8520
461 Cultured Marble Corp
463 Froehlich Franklin B @ 646-4914



DIVISION OF STUDEBAKER INDUSTRIES, Inc.
2515 University Av. Minneapolis, Minn. 332-1155

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ACE HEATING CO., INC.

OIL, GAS, COAL UNITS SOLD AND REPAIRED

24 HOUR SERVICE

935 ARCADE ST.—TEL. PROSPECT 1-4062

RES. TELS. SPRING 7-4357, PROSPECT 4-2832

- WHITALL—Cont'd
1904 McSweeney, James F.
1904 Clark, Robert H.
6364 Louising, Earl L.
389 Anderson, Axel A.
OKuhls, Harold R.

- WHITE BEAR AV N—From 1900
Upper Afton rd to 17th E
Larvontour av, 9 e of Johnson HWY
169 Afton Heights Lutheran Church
Drums av interests
Houston rd interests
Old Hudson rd interests

- 1170 Holl, Wm V.
1252 Peick, Robert L.
427 C. Arp, Ralph B.
4372 C. Miller, Edmund P.
4312 Yandover, Jas S.
1473 Leitch, Gen S.
1282 Marshall, C. E.
1412 McCall, J. D.
1422 Martin, Carl E.
1477 Pihan, Raymond H.
4372 Clump, LeRoy
1332 Pedersen, Ralph S.
1412 Peterson, Carl J.
1462 Bernick, John P.
1492 Angus, Thos M.
4712 Carroll, Wm H.
4750 Hegar, Wm L.

- 1822 St. Paul's Convant
500 St. Paul's Roman Catholic Ch.
3100 Rty & 7th St. Bus Station
5404 Trench, Mrs. M. Sunrise gas
7252 St. Germain, Sel.
5362 E. & L. Condoctanery
3362 W. Condoctanery
Franklin av interests
2412 Daniel, John G.
4440 Bloke, Sigurd O.
2482 Fingell, Deane R.
5582 Cory, Paul H.
4512 Gehl, Lawrence H.
5002 Stinner, June M. Mrs.
2612 Thompson, Edw R.
1642 Johnson, Carl J.
1672 Radabaugh, Wm A.
5702 Muller, Earl S.

- 5702 St. Peter, Edgar H.
7702 Duane, Wm E.
near Vermont
5422 Wm. Andrew J.
5422 V. Jean, Gladys Mrs.
3362 Lindgren, Wm L.
6042 E. Jacobs, Jos J.
6072 E. Eden, John T.
5162 Pelouin, Riehl A.
6212 St. Germain, Deane W.

- 6204 Greer, William H.
6904 Hartwig, John J.
6962 Moore, J. Lee
6242 Elin, Lyla
6242 Whitman, Geo.
8084 Monk, Melvin H.
6716 Galtart, Riel J.
6504 Desmond, Andrew
684 Anderson, John D.
684 Jacobs, Herman H.
6904 Preston, Myrtle H.
4912 Johnson, Wm L.

- 6904 Green, Oliver, Jas.
7040 D'Amle, Edward J.
7102 Whalen, Leo E.
7364 Maguire, John J.
7242 Hazel, Carl, Bachelor Shop
7304 Williams, Paul
732 Williams, Floyd W.
7122 Galt, Helen, dentist
4812 St. Martin, J.
7364 Maguire, John J.
7242 Hazel, Carl, Bachelor Shop
7304 Williams, Paul
732 Williams, Floyd W.
7122 Galt, Helen, dentist
4812 St. Martin, J.

- 8102 Sandberg, Thelma E.
8202 Johnson, Mrs.
8242 Guller, Gambia, Mrs.
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- 1582-1486 Wilcrest Shopping Center
78 E. Grand, Eastmont, Sta. No. 1
6000 Third Street, Inc.
5700 North Federal Savings & Loan Bldg.
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Quality Park Box Co.

Set Up Paper Boxes and Tubes

QUALITY PARK

Nestor 1861

SNELL

SASH & DOOR COMPANY

Millwork

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Cabinets

Windows

Screens

Garage Doors

1400

SELBY AVE.

Zone 4

TEL. Nestor

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Plumbing and Heating Material of All Kinds... Crane Co.

CRANE CO.

Broadway at 5th

CEdar 1821

Plum West Supplies Irrigation Equipment... Crane Co.

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Street continued 750 Wolf Lloyd L rest and his wife...

3122 Querin Jan G druggist Acting Deo B plus...

871 Neumann Geo R 871 Chancellor Ana M Mrs filling sta...

9820 Rogers Hobert H Rtd and wents 9820 Gunther Geo V @...

10114 Ross Adolph @ Anderson Clarence N 4014 Church of the Blessed...

1022 Apartments 1022 Dawson Olive L 50 Young Kathryn B Mrs...

11140 Hill Service thr 11140 Puller Jacob @...

11530 Soter Shirley A @ 11530 Kummel Geo A @...

12114 Kruglo Glenn M 12114 Hansen Alf R @...

12390 Russell Marie A @ 12390 Scott Bertha B @...

12500 Beding Minnie Mrs @ 12500 Berglund Wallace C @...

12811 Wilson Ida Jr gra 12811 Berglund Wallace C meate...

13214 Grace Lena Mrs 13214 Ouhil Raymond C gra sta...

13844 Clayton Tim @ 13844 Whiffen Wm @ @...

15814 Schwann Amelia Mrs @ 15814 Russell Harry C @...

17110 Dug Coquette @ 17110 Vinson O Nora 17110 Herbert L Emily Mrs...

18114 Schwab Peter @ 18114 Guber S Boyce Hannah Mrs...

18270 Professor Mark W @ 18270 Schmidt Erade @...

18780 Carlson Chas B @ 18780 Bennett Raymond P @...

18780 Under construction 18780 Wacker Paul B R @...

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2455 Manning Herbert V 2455 Hanson Harold...

2500 Armstrong Alice H Mrs @ 2500 Hageman Hazel J Mrs...

2500 Under construction 2500 Wacker Paul B R @...

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WILDER S - 3048 3050 Peterson Gerald W @ 3050 Clark Phillip J @...

3140 Lane Meyer @ 3140 Bowler Paul T @...

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MIDWAY INSURANCE AGENCY The House of Protection 2385 UNIVERSITY AVE. TEL. NESTOR 4815

Quality Park Envelope Company Envelopes Wallets and File Pockets QUALITY PARK Nester 1881

Garland Luggage Shop, Inc. New Garland Building 6th and Cedar Streets GARFIELD 5653

Home Loans Insured Savings Mamota Federal Savings and Loan Association Minnesota Street at Fourth

\$25 to \$300 LAWFUL INTEREST RATES Loans on Your Plain Note Automobile Endorsement Collateral The Original and Only Minnesota Corp. PERSONAL LOAN COMPANY Second Floor COMMERCE BLDG. COR. 4th & WABASH GA. 3358

Health & Accident Insurance At Cost Minnesota Commercial Mon's Ass'n 2550 Pillsbury Avenue Minneapolis August 2537

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NASH AND Lafayette (Near Bull) SALES AND SERVICE ST. PAUL NASH MOTORS 4th and College Foot of Selby Tunnel Telephone Garfield 1701

JOYCE INSURANCE, INC.

Fire, Auto, Life and Casualty Insurance
SURETY BONDS
99-94 E. 4th St. Tel. (G), 1831

**American
Lumber
&
Wrecking
Co.**

**GARAGES
BUILT ON
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**EASY
MONTHLY
PAYMENTS**

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**Take advantage of our sound method of
reducing automobile insurance costs.**

ANCHOR CASUALTY COMPANY
Anchor Cas. Co., St. Paul, Minn.
Cedar 68510

- WHITE BEAR AV.—From
Upper Alden rd to 14th**
1038 W. Wagonway Henry W @
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WEST SIDE

67 EAST ROXBORO' AVENUE, ST. PAUL, MINN.

- 1880** Erickson Harold O @
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Appendix I
City of Saint Paul Records

Local File Review Summary

Site Location

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN

HIG Project

2052563

Research Summary Completed

7/1/2021



Historical
Information
Gatherers

Conducted for

Braun Intertec Corporation
11001 Hampshire Avenue S.
Bloomington, MN

Historical Information Gatherers (HIG) conducted a review of readily accessible local government records for the above referenced site location. This local record review should not be considered a comprehensive summary of all publicly available records for the site. Copies of all relevant documents found during our research are provided. Typical records researched include fire department, tax assessor, and building department. HIG attempts to conduct interviews with at least one local official when records are unavailable or not readily accessible. If applicable, summaries of interviews conducted are included or summarized.

Building Department

Date completed:

Initial information is included as a separate file or files in the LFR folder. Additional information will be forwarded when received.

Notes: Initial records acquired from Saint Paul Online Permit Portal and Ramsey County Historical Society. Request to review records sent to Saint Paul Department of Safety and Inspections. Addresses researched; 1550-1598 Gary Pl, 1801-1825 Hoyte Ave E, 1800-1824 Iowa Ave E, 1551-1599 White Bear Ave N.

Fire Department

Date completed:

Requests for information were submitted. Results will be forwarded when received.

Notes: Data request sent to Saint Paul Fire Department.

Tax Assessor

Date completed:

Initial information is included as a separate file or files in the LFR folder. Additional information will be forwarded when received.

Notes: Initial records acquired from Ramsey County PropertyInfo and Saint Paul Special Assessments. Request for additional records sent to Ramsey County Tax Assessor's Office.

Environmental Department

Date completed: 7/1/2021

Local File Review Summary

Site Location

Former Hafner Bowl
1590 White Bear Avenue
St. Paul, MN

HIG Project

2052563

Research Summary Completed

7/1/2021



Historical
Information
Gatherers

Conducted for

Braun Intertec Corporation
11001 Hampshire Avenue S.
Bloomington, MN

Historical Information Gatherers (HIG) conducted a review of readily accessible local government records for the above referenced site location. This local record review should not be considered a comprehensive summary of all publicly available records for the site. Copies of all relevant documents found during our research are provided. Typical records researched include fire department, tax assessor, and building department. HIG attempts to conduct interviews with at least one local official when records are unavailable or not readily accessible. If applicable, summaries of interviews conducted are included or summarized.

No relevant information was identified.

Environmental Source: County

Notes: No well records found on the Minnesota Department of Health-Well Index.

BUILDING PERMIT INDEX CARD—CITY OF ST. PAUL DEPARTMENT OF PARKS, PLAYGROUNDS AND PUBLIC BUILDINGS—DIVISION OF BUILDING INSPECTION

Part L 131 Humphreys Block

W. P. A. PROJECT 465-713-267 WP6000

STREET *White Bear & N. 1557* NO. *1557* TYPE OF STRUCTURE *Dwlg.* WARD *H 2* BLOCK *1* ADDITION *J. A. Humphreys*

ORIGINAL-CONSTRUCTION PERMITS OWNER *John Peterson* CENSUS TRACT *J. A. Humphreys* CENSUS TRACT BLOCK *1*

TYPE OF PERMIT	DATE ISSUED	PERMIT NUMBER	DATE LAST INSPECTION	CONTRACTOR	ESTIMATED COST		TYPE OF STRUCTURE	TYPE OF CONSTRUCTION	NO. OF STORIES' WIDTH, FEET LENGTH, FEET HEIGHT, FEET FLOORSPACE					
BUILDING	<i>9/1 1921</i>	<i>81653</i>	<i>11/18 1921</i>	<i>=</i>	<i>2000</i>	<i>BLS</i>	<i>T</i>	<i>1100</i>	<i>1</i>	<i>22</i>	<i>24</i>	<i>—</i>		
PLASTERING									INTERIOR LATH		EXTERIOR PLASTER		EXTERIOR LATH	

John Peterson

	TYPE OF WORK DONE											
	CODE	NO.	CODE	NO.	CODE	NO.	CODE	NO.	CODE	NO.	CODE	NO.
ELECTRICAL												
HEATING STEAMFITTING												
WARMAIR												
PLUMBING												
ELEVATOR	TYPE		POWER		NO. OF CARS		NO. OF LDGS.					

AGE OF BUILDING AS OF JANUARY 1, 1939 TOTAL ESTIMATED COST OF BUILDING

W. P. A. PROJECT 465-71-3-267 WP5008

City of St. Paul
S. I. P. T.
 27-28-29-30
L. J. Rautenhuber

STREET *White Bear E. N. 1565* NO. *1565* TYPE OF STRUCTURE *Dwell* WARD _____

LOT _____ BLOCK *2* ADDITION _____

ORIGINAL-CONSTRUCTION PERMITS OWNER *Frank Knight*

CENSUS TRACT _____ CENSUS TRACT BLOCK _____

TYPE OF PERMIT	DATE ISSUED	PERMIT NUMBER	DATE LAST INSPECTION	CONTRACTOR	ESTIMATED COST		TYPE OF STRUCTURE	TYPE OF CONSTRUCTION	TYPE OF WORK DONE				
									NO. OF STORIES	WIDTH, FEET	LENGTH, FEET	HEIGHT, FEET	FLOORSPACE
BUILDING	<i>8-8</i> <i>1927</i>	<i>28115</i>	<i>-</i>	<i>-</i>	<i>3500</i>	<i>Blk X</i>	<i>T2</i>	<i>1100</i>	<i>2</i>	<i>24</i>	<i>24</i>	<i>-</i>	
PLASTERING									INTERIOR LATH	EXTERIOR PLASTER	EXTERIOR LATH		

ELECTRICAL	TYPE OF WORK DONE												
	CODE	NO.	CODE	NO.	CODE	NO.	CODE	NO.	CODE	NO.	CODE	NO.	
HEATING STEAMFITTING													
WARMAIR													

PLUMBING	DATE ISSUED	PERMIT NUMBER	DATE LAST INSPECTION	CONTRACTOR	ESTIMATED COST		TYPE OF STRUCTURE	TYPE OF CONSTRUCTION	TYPE OF WORK DONE													
									CGDE	NO.	LO.	CODE	NO.	LO.	CODE	NO.	LO.	CODE	NO.	LO.		
	<i>9-8</i> <i>1927</i>	<i>6147</i>	<i>-</i>	<i>R. E. Schmalz, Inc.</i>	<i>431</i>	<i>Blk X</i>	<i>T2</i>	<i>1100</i>	<i>PA</i>	<i>1</i>	<i>1</i>	<i>PA</i>	<i>3</i>	<i>1</i>	<i>PA</i>	<i>5</i>	<i>1</i>	<i>PA</i>	<i>6</i>	<i>1</i>	<i>1</i>	
									<i>PA</i>	<i>10</i>	<i>1</i>	<i>PA</i>	<i>15</i>	<i>1</i>	<i>PA</i>	<i>16</i>	<i>3</i>	<i>N</i>	<i>3</i>	<i>13</i>		

ELEVATOR	TYPE		POWER		NO. OF CARS		NO. OF LDGS.	

BUILDING PERMIT INDEX CARD

CITY OF SAINT PAUL, DEPARTMENT OF PARKS AND RECREATION AND PUBLIC BUILDINGS
BUREAU OF PUBLIC BUILDINGS



STREET White Bear NO. 1581 TYPE OF STRUCTURE Conit WARD 2 LOT 1 BLOCK 2

ORIGINAL CONSTRUCTION PERMITS

ADDITION see permit OWNER unwed Det

TYPE OF PERMIT	DATE ISSUED	PERMIT NUMBER	DATE OF FINAL INSP.	CONTRACTOR	ESTIMATED COST	TYPE OF CONSTRUCTION	NO. OF STORIES	WIDTH, FEET	LENGTH, FEET
							HEIGHT, FEET	AREA SQ. FT.	VOL. CU. FT.
BUILDING									
PLASTERING									
ELECTRICAL									
PLUMBING							TOTAL ORIGINAL COST		
HEATING STEAM & HW							COST PER CUBIC FOOT		
WARM AIR							GENERAL	MECHANICAL	ELECTRICAL
REFRIGERATION									

RECORD OF ADDITIONAL PERMITS

TYPE OF PERMIT	PERMIT NUMBER	DATE ISSUED	DATE OF FINAL INSP.	OWNER	CONTRACTOR	ESTIMATED COST	TYPE OF CONSTRUCTION	PURPOSE OF WORK
Bldg	31483	5/31/77			Carlson Kallene	1000	install	as work
Elec	32016	6/7/77			Murka	500		
Plbg	32820	6/28/77			Dulaff	2000		


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Saint Paul Online Services (/)

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Showing results 9 from matching total

1570 WHITE BEAR AVE

PIN NUMBER:
[232922220051](http://eproperty.logis.org/stpaul/assessments/list?pid=232922220051) (<http://eproperty.logis.org/stpaul/assessments/list?pid=232922220051>)

Zoning:
[B2](https://www.stpaul.gov/departments/safety-inspections/general-intent-zoning-code) (<https://www.stpaul.gov/departments/safety-inspections/general-intent-zoning-code>)

Matching Results

 Show entries

 Search:

Permit Number	Address	Permit Type	Issued Date	Permit Status	DETAILS
20 03 335568 EXT 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2003-08-04	Closed	DETAILS
20 10 933495 SNW 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2010-12-14	In Compliance	DETAILS
20 12 209543 ZON 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2012-11-09	In Compliance	DETAILS
20 15 183929 000 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2015-12-07	Resolved	DETAILS
20 17 047038 000 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2017-06-06	In Compliance	DETAILS
20 17 078378 EXT 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2017-09-11	Under Review	DETAILS

Permit Number	Address	Permit Type	Issued Date	Permit Status	DETAILS
20 17 078379 EXT 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2017-09-11	Resolved	DETAILS
20 18 019726 000 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2018-01-16	Resolved	DETAILS
20 20 006729 EXT 00 CS	1570 WHITE BEAR AVE ST PAUL	CSO Complaint	2020-01-21	Under Review	DETAILS

Showing page 1 of 1

[Previous](#)[1](#)[Next](#)

DSI (<https://www.stpaul.gov/departments/safety-inspections>):

375 Jackson, Street Suite 220 | Saint Paul, MN 55101 | 651-266-8989

SPRWS (<https://www.stpaul.gov/departments/saint-paul-regional-water-services>):

McCarrons Center, 1900 Rice Street | Saint Paul, MN 55113 | 651-266-6350

[Home \(/\)](#) | [StPaul.gov \(https://www.stpaul.gov/\)](https://www.stpaul.gov/)

| [Department of Safety & Inspections](https://www.stpaul.gov/departments/safety-inspections)

(<https://www.stpaul.gov/departments/safety-inspections>)

| [SPRWS \(https://www.stpaul.gov/departments/saint-paul-regional-water-services\)](https://www.stpaul.gov/departments/saint-paul-regional-water-services)

| [Website Policies \(https://www.stpaul.gov/website-policies\)](https://www.stpaul.gov/website-policies)



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Saint Paul Online Services (/)

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Showing results 19 from matching total

1590 WHITE BEAR AVE

PIN NUMBER:

[232922220050](http://eproperty.logis.org/stpaul/assessments/list?pid=232922220050) (<http://eproperty.logis.org/stpaul/assessments/list?pid=232922220050>)

Zoning:

[B2](https://www.stpaul.gov/departments/safety-inspections/general-intent-zoning-code) (<https://www.stpaul.gov/departments/safety-inspections/general-intent-zoning-code>)

Matching Results

Show entries

Search:

Permit Number	Address	Permit Type	Issued Date	Permit Status	DETAILS
20 01 019797 000 00 CO	1590 WHITE BEAR AVE ST PAUL	Certificate of Occupancy	2002-08-06	Certified	DETAILS
20 01 215240 EXP 00 B	1590 WHITE BEAR AVE ST PAUL	Building Permit	2001-07-19	Finaled	DETAILS
20 01 215243 GSM 00 W	1590 WHITE BEAR AVE ST PAUL	Warm Air, Ventilation & General Sheet	2001-07-19	Finaled	DETAILS
20 01 215438 REF 00 M	1590 WHITE BEAR AVE ST PAUL	Mechanical Permit	2001-07-20	Finaled	DETAILS

Permit Number	Address	Permit Type	Issued Date	Permit Status	DETAILS
20 01 215669 WRM 00 W	1590 WHITE BEAR AVE ST PAUL	Warm Air, Ventilation & General Sheet	2001-07-23	Finalized	DETAILS
20 01 216078 GAS 00 M	1590 WHITE BEAR AVE ST PAUL	Mechanical Permit	2001-07-25	Finalized	DETAILS
20 01 237871 S&C 00 E	1590 WHITE BEAR AVE ST PAUL	Electrical Permit	2001-11-29	Finalized	DETAILS
20 01 239180 S&C 00 E	1590 WHITE BEAR AVE ST PAUL	Electrical Permit	2001-12-06	Finalized	DETAILS
20 01 239490 ZON 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2001-12-07	Closed	DETAILS
20 02 099221 ELC 00 E	1590 WHITE BEAR AVE ST PAUL	Electrical Permit	2002-02-08	Finalized	DETAILS
20 02 099815 ELC 00 E	1590 WHITE BEAR AVE ST PAUL	Electrical Permit	2002-02-13	Canceled	DETAILS
20 02 125607 EXT 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2002-05-21	Closed	DETAILS
20 02 131963 000 00 CO	1590 WHITE BEAR AVE ST PAUL	Certificate of Occupancy		Razed	DETAILS
20 03 254891 SNW 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2003-02-12	Closed	DETAILS
20 03 332665 TAL 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2003-07-28	Closed	DETAILS

Permit Number	Address	Permit Type	Issued Date	Permit Status	DETAILS
20 04 093458 TAL 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2004-05-26	Closed	DETAILS
20 04 108186 EXT 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2004-06-21	Closed	DETAILS
20 04 111462 EXT 00 CS	1590 WHITE BEAR AVE ST PAUL	CSO Complaint	2004-06-28	Closed	DETAILS
20 06 042564 ASN 00 SS	1590 WHITE BEAR AVE ST PAUL	PW Sewer Permit	2005-06-14	Finalled	DETAILS

Showing page 1 of 1

[Previous](#)[1](#)[Next](#)DSI (<https://www.stpaul.gov/departments/safety-inspections>):

375 Jackson, Street Suite 220 | Saint Paul, MN 55101 | 651-266-8989

SPRWS (<https://www.stpaul.gov/departments/saint-paul-regional-water-services>):

McCarrons Center, 1900 Rice Street | Saint Paul, MN 55113 | 651-266-6350

Home (/) | [StPaul.gov](https://www.stpaul.gov/) (<https://www.stpaul.gov/>)

| Department of Safety & Inspections

(<https://www.stpaul.gov/departments/safety-inspections>)| [SPRWS](https://www.stpaul.gov/departments/saint-paul-regional-water-services) (<https://www.stpaul.gov/departments/saint-paul-regional-water-services>)| Website Policies (<https://www.stpaul.gov/website-policies>)



Pay Property Tax

Pay Property Taxes

Summary View

Parcel ID	232922220050
Parcel Status	Active
Property Address	1590 WHITE BEAR AVE N ST PAUL, MN 55106-1604
Sec/Twp/Rng	23/029/022
Brief Tax Description	Lot 1 Block 8 of HILLCREST CENTER PLAT 2 W 240 FT OF N 78 FT OF LOT 1 BLK 8 (Note: Not to be used on legal documents)
Parcel Area	0.43 Acres
Parcel Width	0 Feet
Parcel Depth	0 Feet (Note: Width and Depth represent buildable area of lot in the case of irregularly shaped lots)
Tax Classification	5E-Exempt Properties
Roll Type	Real Property
Municipality	ST PAUL
School District	ISD #625
Watershed	METRO WATERSHED
TIF District	
Land Use Code	641 E - EXEMPT, VACANT LAND * The Tax Classification is the Assessor Office's determination of the use of the property and is not the same as the property's zoning. * Please contact the zoning authority for information regarding zoning. * To determine whether your property is Abstract or Torrens, call 651-266-2050

Taxpayers

Please refer to disclaimer at bottom of this page

Type	Name	Address
Owner	Housing Redevelopment Auth	25 4th St W Ste 1400 St Paul MN 55102-1634

Current Tax Year

*Information listed is as of yesterday. For specific payoff information contact [Property Tax Info](#) at 651-266-2000

First Half Due 05-17-2021	Second Half Due 10-15-2021
Amount Due \$654.15	Amount Due \$654.15
Penalty & Fees (thru current month) \$0.00	Penalty & Fees (thru current month) \$0.00
Sub Total \$654.15	Sub Total \$654.15
Payments Made (\$654.15)	Payments Made (\$654.15)
Balance Due \$0.00	Balance Due \$0.00

Total Due \$0.00

Tax Summary

	2021 Payable	2020 Payable	2019 Payable	2018 Payable	2017 Payable
Estimated Market Value	\$224,600	\$224,600	\$224,600	\$224,600	\$224,600
Taxable Market Value	\$0	\$0	\$0	\$0	\$0
Net Tax Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Special Assessments	\$1,308.30	\$1,293.62	\$1,309.72	\$866.26	\$2,094.10
= Total Taxes	\$1,308.30	\$1,293.62	\$1,309.72	\$866.26	\$2,094.10
+ Penalty	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Interest	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
- Amount Paid	\$1,308.30	\$1,293.62	\$1,309.72	\$866.26	\$2,094.10
= Outstanding Balance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Special Assessments

Note: + sign indicates a multiple year assessment. Click on the + to view additional years.

Assess #	Year	Description	Initial Amount	Principal	Interest	Installment Amount	Remaining Balance	Deferred
T-011756000	2021	T-011756000 PAVING	\$0.00	\$0.00	\$0.00	\$134.30	\$0.00	No
T-012000250	2021	2020 SMSP / Sweeping and Lighting	\$0.00	\$0.00	\$0.00	\$431.42	\$0.00	No
T-012000800	2021	2020 SSSC/Storm Sewer	\$0.00	\$0.00	\$0.00	\$742.58	\$0.00	No

Note: Installment amount is the amount that will be included in the property tax total for the referenced payable year.

Remaining Balance is the amount eligible for prepayment. Prepayment must be paid in full by November 15th of the current year.

Please call the City of Saint Paul General Assessment line for payoff amounts or additional information concerning any Saint Paul assessment. You can reach them at 651-266-8858 or go to [Assessment Lookup](#).

Suburban property owners should call 651-266-2000 for detailed assessment information.

Tax Transaction History

Tax Year	Business Date	Effective Date	Transaction Type	Tax Amount	Special Assessment	Penalty	Interest	Fees	Overpayment	Total
2021	5/19/2021	5/17/2021	Payment	\$0.00	(\$1,308.30)	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,308.30)
2021	2/22/2021		Original Charge	\$0.00	\$1,308.30	\$0.00	\$0.00	\$0.00	\$0.00	\$1,308.30
2020	5/13/2020	5/13/2020	Payment	\$0.00	(\$1,293.62)	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,293.62)
2020	2/23/2020		Original Charge	\$0.00	\$1,293.62	\$0.00	\$0.00	\$0.00	\$0.00	\$1,293.62
2019	5/15/2019	5/15/2019	Payment	\$0.00	(\$1,309.72)	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,309.72)
2019	2/28/2019		Original Charge	\$0.00	\$1,309.72	\$0.00	\$0.00	\$0.00	\$0.00	\$1,309.72

Sales

Date	eCRV #	Sale Price	State Study Recommendation	State Study Reject Reason	Cnty Study Rec
9/1/1994	.	\$135,000	Y		Y
5/9/2001	.	\$310,000	Y		Y

Service Company and Lender

Lender: ST PAUL HRA

Service Company:

Pay Property Tax

[Pay Property Taxes](#)

Statements and Notices

2021

[Tax Statement](#)
[Payment Stubs](#)

2020

[Tax Statement](#)
[Payment Stubs](#)

2019

[Tax Statement](#)
[Payment Stubs](#)

2018

[Tax Statement](#)
[Payment Stubs](#)

2017

[Tax Statement](#)
[Payment Stubs](#)

State of Minnesota

The Property Tax Refund Program is administered by the State of Minnesota. For information regarding the program, please call 651-296-3781.

[Form M1PR\(Property Tax Refund\)](#)

No data available for the following modules: Multi-Parcel Link, Delinquent Taxes, Photos.

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Version 2.3.128



Pay Property Tax

Pay Property Taxes

Summary View

Parcel ID	232922220051
Parcel Status	Active
Property Address	0 WHITE BEAR AVE N ST PAUL, MN 55106-1604
Sec/Twp/Rng	23/029/022
Brief Tax Description	Lot 1 Block 8 of HILLCREST CENTER PLAT 2 W 100 FT OF S 171 FT OF LOT 1 BLK 8 (Note: Not to be used on legal documents)
Parcel Area	0.39 Acres
Parcel Width	0 Feet
Parcel Depth	0 Feet (Note: Width and Depth represent buildable area of lot in the case of irregularly shaped lots)
Tax Classification	5E-Exempt Properties
Roll Type	Real Property
Municipality	ST PAUL
School District	ISD #625
Watershed	METRO WATERSHED
TIF District	
Land Use Code	641 E - EXEMPT, VACANT LAND * The Tax Classification is the Assessor Office's determination of the use of the property and is not the same as the property's zoning. * Please contact the zoning authority for information regarding zoning. * To determine whether your property is Abstract or Torrens, call 651-266-2050

Taxpayers

Please refer to disclaimer at bottom of this page

Type	Name	Address
Owner	Housing Redevelopment Auth	25 4th St W Ste 1400 St Paul MN 55102-1634

Current Tax Year

*Information listed is as of yesterday. For specific payoff information contact [Property Tax Info](#) at 651-266-2000

First Half Due 05-17-2021	Second Half Due 10-15-2021
Amount Due \$620.77	Amount Due \$620.77
Penalty & Fees (thru current month) \$0.00	Penalty & Fees (thru current month) \$0.00
Sub Total \$620.77	Sub Total \$620.77
Payments Made (\$620.77)	Payments Made (\$620.77)
Balance Due \$0.00	Balance Due \$0.00

Total Due \$0.00

Tax Summary

	2021 Payable	2020 Payable	2019 Payable	2018 Payable	2017 Payable
Estimated Market Value	\$205,200	\$205,200	\$205,200	\$205,200	\$205,200
Taxable Market Value	\$0	\$0	\$0	\$0	\$0
Net Tax Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Special Assessments	\$1,241.54	\$1,187.70	\$1,262.94	\$822.08	\$2,069.54
= Total Taxes	\$1,241.54	\$1,187.70	\$1,262.94	\$822.08	\$2,069.54
+ Penalty	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Interest	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
- Amount Paid	\$1,241.54	\$1,187.70	\$1,262.94	\$822.08	\$2,069.54
= Outstanding Balance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Special Assessments

Note: + sign indicates a multiple year assessment. Click on the + to view additional years.

Assess #	Year	Description	Initial Amount	Principal	Interest	Installment Amount	Remaining Balance	Deferred
T-011756000	2021	T-011756000 PAVING	\$0.00	\$0.00	\$0.00	\$57.42	\$0.00	No
T-012000250	2021	2020 SMSP / Sweeping and Lighting	\$0.00	\$0.00	\$0.00	\$505.80	\$0.00	No
T-012000800	2021	2020 SSSC/Storm Sewer	\$0.00	\$0.00	\$0.00	\$678.32	\$0.00	No

Note: Installment amount is the amount that will be included in the property tax total for the referenced payable year.

Remaining Balance is the amount eligible for prepayment. Prepayment must be paid in full by November 15th of the current year.

Please call the City of Saint Paul General Assessment line for payoff amounts or additional information concerning any Saint Paul assessment. You can reach them at 651-266-8858 or go to [Assessment Lookup](#).

Suburban property owners should call 651-266-2000 for detailed assessment information.

Tax Transaction History

Tax Year	Business Date	Effective Date	Transaction Type	Tax Amount	Special Assessment	Penalty	Interest	Fees	Overpayment	Total
2021	5/19/2021	5/17/2021	Payment	\$0.00	(\$1,241.54)	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,241.54)
2021	2/22/2021		Original Charge	\$0.00	\$1,241.54	\$0.00	\$0.00	\$0.00	\$0.00	\$1,241.54
2020	5/13/2020	5/13/2020	Payment	\$0.00	(\$1,187.70)	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,187.70)
2020	2/23/2020		Original Charge	\$0.00	\$1,187.70	\$0.00	\$0.00	\$0.00	\$0.00	\$1,187.70
2019	5/15/2019	5/15/2019	Payment	\$0.00	(\$1,262.94)	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,262.94)
2019	2/28/2019		Original Charge	\$0.00	\$1,262.94	\$0.00	\$0.00	\$0.00	\$0.00	\$1,262.94

Sales

Date	eCRV #	Sale Price	State Study Recommendation	State Study Reject Reason	Cnty Study Rec
3/1/1993	.	\$24,400	N		N
3/1/1993	.	\$43,600	N		N
3/29/1996	.	\$1,000,000	N		N
3/29/1996	.	\$1,130,855	Y		Y
4/1/2002	.	\$535,000	Y		Y

Service Company and Lender

Lender: ST PAUL HRA

Service Company:

Pay Property Tax

[Pay Property Taxes](#)

Statements and Notices

2021

[Tax Statement](#)
[Payment Stubs](#)

2020

[Tax Statement](#)
[Payment Stubs](#)

2019

[Tax Statement](#)
[Payment Stubs](#)

2018

[Tax Statement](#)
[Payment Stubs](#)

2017

[Tax Statement](#)
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State of Minnesota

The Property Tax Refund Program is administered by the State of Minnesota. For information regarding the program, please call 651-296-3781.

[Form M1PR\(Property Tax Refund\)](#)

No data available for the following modules: Multi-Parcel Link, Delinquent Taxes, Photos.

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Pay Property Tax

Pay Property Taxes

Summary View

Parcel ID	232922220052
Parcel Status	Active
Property Address	1570 WHITE BEAR AVE N ST PAUL, MN 55106-1604
Sec/Twp/Rng	23/029/022
Brief Tax Description	Lot 1 Block 8 of HILLCREST CENTER PLAT 2 EX W 100 FT OF S 171 FT AND EX W 240 FT OF N 78 FT LOT 1 BLK 8 (Note: Not to be used on legal documents)
Parcel Area	1.36 Acres
Parcel Width	0 Feet
Parcel Depth	0 Feet
	(Note: Width and Depth represent buildable area of lot in the case of irregularly shaped lots)
Tax Classification	5E-Exempt Properties
Roll Type	Real Property
Municipality	ST PAUL
School District	ISD #625
Watershed	METRO WATERSHED
TIF District	
Land Use Code	641 E - EXEMPT, VACANT LAND
	* The Tax Classification is the Assessor Office's determination of the use of the property and is not the same as the property's zoning.
	* Please contact the zoning authority for information regarding zoning.
	* To determine whether your property is Abstract or Torrens, call 651-266-2050

Taxpayers

Please refer to disclaimer at bottom of this page

Type	Name	Address
Owner	Housing Redevelopment Auth	25 4th St W Ste 1400 St Paul MN 55102-1634

Current Tax Year

*Information listed is as of yesterday. For specific payoff information contact [Property Tax Info](#) at 651-266-2000

First Half Due 05-17-2021	Second Half Due 10-15-2021
Amount Due \$1,696.95	Amount Due \$1,696.95
Penalty & Fees (thru current month) \$0.00	Penalty & Fees (thru current month) \$0.00
Sub Total \$1,696.95	Sub Total \$1,696.95
Payments Made (\$1,696.95)	Payments Made (\$1,696.95)
Balance Due \$0.00	Balance Due \$0.00

Total Due \$0.00

Tax Summary

	2021 Payable	2020 Payable	2019 Payable	2018 Payable	2017 Payable
Estimated Market Value	\$708,400	\$708,400	\$708,400	\$708,400	\$708,400
Taxable Market Value	\$0	\$0	\$0	\$0	\$0
Net Tax Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Special Assessments	\$3,393.90	\$3,396.96	\$3,314.64	\$2,465.78	\$4,694.30
= Total Taxes	\$3,393.90	\$3,396.96	\$3,314.64	\$2,465.78	\$4,694.30
+ Penalty	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Interest	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
+ Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
- Amount Paid	\$3,393.90	\$3,396.96	\$3,314.64	\$2,465.78	\$4,694.30
= Outstanding Balance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Special Assessments

Note: + sign indicates a multiple year assessment. Click on the + to view additional years.

Assess #	Year	Description	Initial Amount	Principal	Interest	Installment Amount	Remaining Balance	Deferred
T-011756000	2021	T-011756000 PAVING	\$0.00	\$0.00	\$0.00	\$349.00	\$0.00	No
T-012000250	2021	2020 SMSP / Sweeping and Lighting	\$0.00	\$0.00	\$0.00	\$703.30	\$0.00	No
T-012000800	2021	2020 SSSC/Storm Sewer	\$0.00	\$0.00	\$0.00	\$2,341.60	\$0.00	No

Note: Installment amount is the amount that will be included in the property tax total for the referenced payable year.

Remaining Balance is the amount eligible for prepayment. Prepayment must be paid in full by November 15th of the current year.

Please call the City of Saint Paul General Assessment line for payoff amounts or additional information concerning any Saint Paul assessment. You can reach them at 651-266-8858 or go to [Assessment Lookup](#).

Suburban property owners should call 651-266-2000 for detailed assessment information.

Tax Transaction History

Tax Year	Business Date	Effective Date	Transaction Type	Tax Amount	Special Assessment	Penalty	Interest	Fees	Overpayment	Total
2021	5/19/2021	5/17/2021	Payment	\$0.00	(\$3,393.90)	\$0.00	\$0.00	\$0.00	\$0.00	(\$3,393.90)
2021	2/22/2021		Original Charge	\$0.00	\$3,393.90	\$0.00	\$0.00	\$0.00	\$0.00	\$3,393.90
2020	5/13/2020	5/13/2020	Payment	\$0.00	(\$3,396.96)	\$0.00	\$0.00	\$0.00	\$0.00	(\$3,396.96)
2020	2/23/2020		Original Charge	\$0.00	\$3,396.96	\$0.00	\$0.00	\$0.00	\$0.00	\$3,396.96
2019	5/15/2019	5/15/2019	Payment	\$0.00	(\$3,314.64)	\$0.00	\$0.00	\$0.00	\$0.00	(\$3,314.64)
2019	2/28/2019		Original Charge	\$0.00	\$3,314.64	\$0.00	\$0.00	\$0.00	\$0.00	\$3,314.64

Sales

Date	eCRV #	Sale Price	State Study Recommendation	State Study Reject Reason	Cnty Study Rec
3/1/1993	-	\$600,000	N		N
3/1/1993	-	\$932,000	N		N
3/1/1993	-	\$1,000,000	Y		Y
3/29/1996	-	\$1,000,000	N		N
3/29/1996	-	\$1,130,855	Y		Y
4/1/2002	-	\$535,000	Y		Y

Service Company and Lender

Lender: ST PAUL HRA

Service Company:

Pay Property Tax

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State of Minnesota

The Property Tax Refund Program is administered by the State of Minnesota. For information regarding the program, please call 651-296-3781.

[Form M1PR\(Property Tax Refund\)](#)

No data available for the following modules: Multi-Parcel Link, Delinquent Taxes, Photos.

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Version 2.3.128



SAINT PAUL
MINNESOTA

City of Saint Paul Assessments

Property Address:	1584 WHITE BEAR AVE N Select a different property
Property ID:	23-29-22-22-0050

To get balance due for LEVIED assessments, enter the date when Real Estate would receive your payment (amounts may include interest). Select the assessments you want to pay by checking the box. If you want to make a partial payment, check the box and enter the amount to the right of the checked box.

Our response to COVID-19:

Due to our concern over the health and safety of our customers and staff from the spread of COVID-19 mail your payment to the address below. We are not accepting payments in person at this time.

2021-07-01



This is not your eCheck payment date. It is only for calculating interest.

Note: Payments may not be processed after November 15, 2021 because the City must prepare the annual certification of assessments to property taxes. Payments received after that date will be returned.

Levied Assessments (due and payable)

Assessment Number	Improvement	Interest Rate	Levied Date	Term Years	Levied Amount	Balance Due	Select to Pay Partial Payment Accepted
175600	2017 SMSP / Sealcoating Street and/or Alley	2.50%	4/4/2018	8	\$916.80	\$573.00	<input type="checkbox"/> <input type="text" value="\$0.00"/>
Levied Balance Due:						\$573.00	\$0.00

Fees and Pending Assessments (Payments are accepted)

Project Number	Improvement	Pending Date	Term Years	Pending Amount	Select to Pay Partial Payment Accepted
2021SSSC	2021 SSSC / Storm Sewer (To be invoiced 8/27/21)	4/6/2021	1	\$744.38	<input type="checkbox"/> <input type="text" value="\$0.00"/>
Pending Balance Due:				\$744.38	\$0.00

Levied and Pending Balance (as of the date above): **\$1,317.38**

Amount I want to pay (as of the date above): **\$0.00**

For Informational Purposes Only: Anticipated Projects and/or Charges

The information listed below is subject to change and does not necessarily reflect all charges that may be placed on the property. Estimated amounts are not available and payments are NOT accepted until a charge becomes pending.

For SMSP project details, see <https://www.stpaul.gov/departments/financial-services/street-maintenance-service-program>

For SSSC information, see <https://www.stpaul.gov/departments/public-works/sewer-utility/storm-sewer-system-charge>

Project Number	Improvement	Estimated Invoice Date
210025	2021 SMS / Sweeping and Lighting (To be invoiced 8/27/21)	8/27/2021

Property Address: 1584 WHITE BEAR AVE N

Property ID: 23-29-22-22-0050

Make Payment Online

eCheck Payment

Processed using your savings/checking account.

There is no charge for paying by eCheck.

Credit/Debit Card Payment

Bank collected card fee of 2.49% will be added to the transaction.

Payment will be processed immediately and cannot be scheduled for a later date. Payments processed after 8:00 pm will be posted the following business day.

Payments will be made using US Bank secure website.

Make Payment via U.S. Mail

CITY OF ST PAUL - ASSESSMENTS
 700 CITY HALL
 15 WEST KELLOGG BOULEVARD
 ST PAUL, MN 55102-1658

Questions? Call Assessments
 at (651) 266-8858

[Assessments Certified to Property Taxes](#)



City of Saint Paul Assessments

Property Address:	1570 WHITE BEAR AVE N Select a different property
Property ID:	23-29-22-22-0051

To get balance due for LEVIED assessments, enter the date when Real Estate would receive your payment (amounts may include interest). Select the assessments you want to pay by checking the box. If you want to make a partial payment, check the box and enter the amount to the right of the checked box.

Our response to COVID-19:

Due to our concern over the health and safety of our customers and staff from the spread of COVID-19 mail your payment to the address below. We are not accepting payments in person at this time.

2021-07-01



This is not your eCheck payment date. It is only for calculating interest.

Note: Payments may not be processed after November 15, 2021 because the City must prepare the annual certification of assessments to property taxes. Payments received after that date will be returned.

Levied Assessments (due and payable)

Assessment Number	Improvement	Interest Rate	Levied Date	Term Years	Levied Amount	Balance Due	Select to Pay Partial Payment Accepted
175600	2017 SMSP / Sealcoating Street and/or Alley	2.50%	4/4/2018	8	\$382.00	\$238.75	<input type="checkbox"/> <input style="width: 50px;" type="text" value="\$0.00"/>
Levied Balance Due:						\$238.75	\$0.00

Fees and Pending Assessments (Payments are accepted)

Project Number	Improvement	Pending Date	Term Years	Pending Amount	Select to Pay Partial Payment Accepted
2021SSSC	2021 SSSC / Storm Sewer (To be invoiced 8/27/21)	4/6/2021	1	\$679.96	<input type="checkbox"/> <input style="width: 50px;" type="text" value="\$0.00"/>
Pending Balance Due:				\$679.96	\$0.00

Levied and Pending Balance (as of the date above): \$918.71

Amount I want to pay (as of the date above): \$0.00

For Informational Purposes Only: Anticipated Projects and/or Charges

The information listed below is subject to change and does not necessarily reflect all charges that may be placed on the property. Estimated amounts are not available and payments are NOT accepted until a charge becomes pending.

For SMSP project details, see <https://www.stpaul.gov/departments/financial-services/street-maintenance-service-program>

For SSSC information, see <https://www.stpaul.gov/departments/public-works/sewer-utility/storm-sewer-system-charge>

Project Number	Improvement	Estimated Invoice Date
210025	2021 SMS / Sweeping and Lighting (To be invoiced 8/27/21)	8/27/2021

Property Address: 1570 WHITE BEAR AVE N

Property ID: 23-29-22-22-0051

Make Payment Online

eCheck Payment

Processed using your savings/checking account.

There is no charge for paying by eCheck.

Credit/Debit Card Payment

Bank collected card fee of 2.49% will be added to the transaction.

Payment will be processed immediately and cannot be scheduled for a later date. Payments processed after 8:00 pm will be posted the following business day.

Payments will be made using US Bank secure website.

Make Payment via U.S. Mail

CITY OF ST PAUL - ASSESSMENTS
700 CITY HALL
15 WEST KELLOGG BOULEVARD
ST PAUL, MN 55102-1658

Questions? Call Assessments
at (651) 266-8858

[Assessments Certified to Property Taxes](#)



SAINT PAUL
MINNESOTA

City of Saint Paul Assessments

Property Address:	1560 WHITE BEAR AVE N Select a different property
Property ID:	23-29-22-22-0052

To get balance due for LEVIED assessments, enter the date when Real Estate would receive your payment (amounts may include interest). Select the assessments you want to pay by checking the box. If you want to make a partial payment, check the box and enter the amount to the right of the checked box.

Our response to COVID-19:

Due to our concern over the health and safety of our customers and staff from the spread of COVID-19 mail your payment to the address below. We are not accepting payments in person at this time.

2021-07-01 

This is not your eCheck payment date. It is only for calculating interest.

Note: Payments may not be processed after November 15, 2021 because the City must prepare the annual certification of assessments to property taxes. Payments received after that date will be returned.

Levied Assessments (due and payable)

Assessment Number	Improvement	Interest Rate	Levied Date	Term Years	Levied Amount	Balance Due	Select to Pay Partial Payment Accepted
175600	2017 SMSP / Sealcoating Street and/or Alley	2.50%	4/4/2018	8	\$2,410.42	\$1,506.52	<input type="checkbox"/> <input type="text" value="\$0.00"/>
Levied Balance Due:						\$1,506.52	\$0.00

Fees and Pending Assessments (Payments are accepted)

Project Number	Improvement	Pending Date	Term Years	Pending Amount	Select to Pay Partial Payment Accepted
2021SSSC	2021 SSSC / Storm Sewer (To be invoiced 8/27/21)	4/6/2021	1	\$2,347.27	<input type="checkbox"/> <input type="text" value="\$0.00"/>
Pending Balance Due:				\$2,347.27	\$0.00

Levied and Pending Balance (as of the date above): **\$3,853.79**

Amount I want to pay (as of the date above): **\$0.00**

For Informational Purposes Only: Anticipated Projects and/or Charges

The information listed below is subject to change and does not necessarily reflect all charges that may be placed on the property. Estimated amounts are not available and payments are NOT accepted until a charge becomes pending.

For SMSP project details, see <https://www.stpaul.gov/departments/financial-services/street-maintenance-service-program>

For SSSC information, see <https://www.stpaul.gov/departments/public-works/sewer-utility/storm-sewer-system-charge>

Project Number	Improvement	Estimated Invoice Date
210025	2021 SMS / Sweeping and Lighting (To be invoiced 8/27/21)	8/27/2021

Property Address: 1560 WHITE BEAR AVE N

Property ID: 23-29-22-22-0052

Make Payment Online

eCheck Payment

Processed using your savings/checking account.

There is no charge for paying by eCheck.

Credit/Debit Card Payment

Bank collected card fee of 2.49% will be added to the transaction.

Payment will be processed immediately and cannot be scheduled for a later date. Payments processed after 8:00 pm will be posted the following business day.

Payments will be made using US Bank secure website.

Make Payment via U.S. Mail

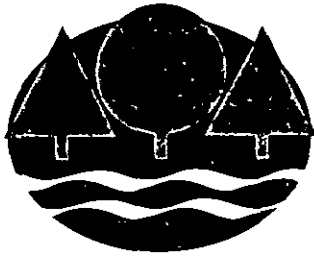
CITY OF ST PAUL - ASSESSMENTS
700 CITY HALL
15 WEST KELLOGG BOULEVARD
ST PAUL, MN 55102-1658

Questions? Call Assessments
at (651) 266-8858

[Assessments Certified to Property Taxes](#)

Appendix J

MPCA Leak File #LS00002453
(Selected Information)



Minnesota Pollution Control Agency

January 17, 1995

Mr Donald Hafner
1560 White Bear Avenue
St Paul, Minnesota 55106

RE Petroleum Tank Release Site File Closure
Site Hafner's Bowling Center, St Paul
Site ID# LEAK00002453

Dear Mr Hafner

We are pleased to let you know that the Minnesota Pollution Control Agency (MPCA) Tanks and Spills Section (T&S) staff has determined that your investigation and/or cleanup has adequately addressed the petroleum tank release at the site listed above. Based on the information provided, the T&S staff has closed the release site file.

Closure of the file means that the T&S staff does not require any additional investigation and/or cleanup work at this time or in the foreseeable future. Please be aware that file closure does not necessarily mean that all petroleum contamination has been removed from this site. However, the T&S staff has concluded that any remaining contamination, if present, does not appear to pose a threat to public health or the environment.

The MPCA reserves the right to reopen this file and to require additional investigation and/or cleanup work if new information or changing regulatory requirements make additional work necessary. If you or other parties discover additional contamination (either petroleum or non-petroleum) that was not previously reported to the MPCA, Minnesota law requires that the MPCA be immediately notified.

You should understand that this letter does not release any party from liability for the petroleum contamination under Minn Stat ch 115C (1992) or any other applicable state or federal law. In addition, this letter does not release any party from liability for non-petroleum contamination, if present, under Minn Stat ch 115B (1992), the Minnesota Superfund Law.

The monitoring wells for this site should be abandoned in accordance with the Minnesota Department of Health (MDH) Well Code, Chapter 4725. If you choose to keep the monitoring wells, the MDH will continue to assess a maintenance fee for each well.

Because you performed the requested work, the state may reimburse you for a major portion of your costs. The Petroleum Tank Release Cleanup Act establishes a fund which may provide partial reimbursement for petroleum tank release cleanup costs. This fund is administered by the Department of Commerce Petrofund Board. Specific eligibility rules are available from the Petrofund Board at 612/297-1119 or 612/297-4203.

520 Lafayette Rd N, St Paul, MN 55155-4194, (612) 296-6300 (voice), (612) 282-5332 (TTY)
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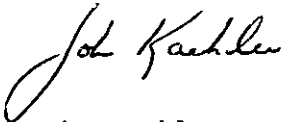
Mr Donald Hafner
Page 2
January 17, 1995

If future development of this property or the surrounding area is planned, it should be assumed that petroleum contamination may still be present. If petroleum contamination is encountered during future development work, the MPCA staff should be notified immediately.

For specific information regarding petroleum contamination that may remain at this leaksite, please call the T&S File Request Program at 612/297-8499. The "Leak/Spill and Underground Storage Tank File Request Form" (T&S Fact Sheet #36) must be completed prior to arranging a time for file review.

Thank you for your response to this petroleum tank release and for your cooperation with the MPCA to protect public health and the environment. If you have any questions regarding this letter, please call me at 612/297-8590.

Sincerely,



John Kaehler
Hydrogeologist
Cleanup Unit II
Tanks and Spills Section

JK mk

cc Molly O'Rourke, City Clerk, St Paul
Tim Fuller, Fire Chief, St Paul
Davison Nagle, Nova
Larry Carlson, Division of Solid Waste, Maplewood

CMKX-91-0152

E90-454/EG-885 PHASE II REMEDIAL INVESTIGATION
Hafner's Bowling Center
St. Paul, Minnesota
MPCA LEAK#00002453

DONALD REALTY

February 8, 1991

February 8, 1991

Mr. Don Hafner
Donald Realty
1560 White Bear Avenue
St. Paul, MN 55106

RE: E90-454/EG-885 PHASE II REMEDIAL INVESTIGATION
Hafner's Bowling Center
St. Paul, Minnesota
MPCA LEAK#00002453

Dear Mr. Hafner:

Braun Intertec Environmental, Inc. (Braun Intertec), formerly Braun Environmental Laboratories, Inc., has completed a Phase II Remedial Investigation at Hafner's Bowling Center in St. Paul, Minnesota. This work was performed in accordance with your authorization of the Braun Environmental Laboratories, Inc. Work Plan dated August 22, 1990.

The purpose of this work was to determine the extent and magnitude of contamination reported in our Remedial Investigation report dated July 31, 1990. The following report details the methods, results and conclusions of our investigation and contains our recommendations for corrective action design.

We appreciate the opportunity to provide our professional services on this project. If you have any questions or comments concerning this report, please contact us at (612) 683-8700.

Very truly yours

BRAUN ENVIRONMENTAL LABORATORIES, INC

Mark A. Toso
Project Geologist

Laura Myers-Wittman
Senior Hydrogeologist

Jonathan P. Nedved
Supervisor, Remedial Services

MATLMWMAC:lgj9\EG-885.DEC

Attachment: Phase II Remedial Investigation Report

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February 8, 1991

E90-454/EG-885

PHASE II REMEDIAL INVESTIGATION
Hafner's Bowling Center
St. Paul Minnesota
MPCA LEAK#00002453

A. INTRODUCTION

On August 26, 1990, Mr. Don Hafner of Donald Realty authorized Braun Intertec Environmental, Inc. (Braun Intertec), formerly Braun Environmental Laboratories, Inc. to perform a Phase II Remedial Investigation (RI) at Hafner's Bowling Center in St. Paul, Minnesota. The Phase II RI was conducted in accordance with our August 22, 1990 work plan. The Minnesota Pollution Control Agency (MPCA) leak number for this site is LEAK#00002453.

As part of this additional investigation, Braun Intertec drilled five borings and completed three as groundwater monitoring wells. Braun Intertec collected and chemically analyzed six soil samples from the soil borings and three groundwater samples from the additional monitoring wells. Hydraulic conductivity tests were performed on two of the additional wells. This work was performed between September 25 and October 18, 1990.

In summary, the petroleum contaminated soil and groundwater initially detected in our previous investigation does not appear to extend off-site. Only low levels of soil contamination were detected and analysis of groundwater samples did not indicate any volatile organic compounds (VOCs) or dissolved lead above the analytical detection limits. Groundwater flow at this site appears to be to the north. The following report details our methods, results, conclusions and recommendations.

B. BACKGROUND

B.1. Site Location and Description: The site address is 1560 White Bear Avenue, St. Paul, Minnesota (Figure 1). The site is located in Township 29 North, Range 22 West, in the SW 1/4 of the NW 1/4 of the NW 1/4 of Section 23. The longitude of this site is 93° 01' 27" and the latitude is 44° 59' 22". The site is located in a commercial area with some residences to the east.

Hafner's Bowling Center is a bowling and restaurant complex (Figure 2). The facility was built in 1956 and expanded in later years. A Clark Oil service station was located along the west side of the lot. This service station was purchased by Hafner's about 10 years ago. At that time, the underground storage tanks were removed, the station buildings were razed and the site paved to provide additional parking for the bowling center.

Site topography is relatively level. Wakefield Lake lies approximately 1/2 mile to the northwest, Frost Lake is approximately 3/4 mile to the west, Beaver Lake is approximately 1.5 miles to the southeast and Lake Phalen is approximately 1 3/4 miles to the west. The Mississippi River is 3.5 miles to the southwest.

As part of an anticipated sale of the property, Phase I and Phase II environmental audits were performed by Twin City Testing Corporation (TCT). As part of this work, a soil boring was drilled at the site. Olfactory evidence of petroleum contamination of the subsurface soils was encountered during drilling. We understand the MPCA was notified of this potential contamination.

It is not known at this time if leakage of petroleum product from storage tanks at Clark Oil had occurred. Other service stations that operate in the area include:

- an Amoco station was located at the southwest corner of White Bear Avenue and East Iowa Avenue. In 1984 Amoco stopped dispensing fuel and removed the underground storage tanks at this location.
- A Sinclair station operated at the southwest corner of east Hoyt Avenue and White Bear Avenue. This site is currently occupied by a dry cleaning shop.
- A Shell gas station and a carwash which also dispensed gasoline operated just north of the White Castle at the northwest corner of White Bear and Iowa Avenues.

With the exception of the Amoco station, these facilities were all apparently closed between 1970 and 1980. Petroleum contamination is known to be present at the Amoco station.

B.2. **Geologic Conditions:** The site lies in an area of Superior Lobe deposits of the Late Wisconsinan glaciation period. The lobe deposits in the vicinity of this site are reddish brown sandy loam and sandy clay loam. The loam contains sand lenses and is often overlain by a 2 to 5 foot thick silty mantel. Some post-glacial deposits consisting of organic materials are also present in this area and may have been removed or covered with artificial fill (Meyer, Gary N., 1985, Quaternary Geological Map of the Minneapolis-St. Paul Urban Area, Minnesota: Minnesota Geological Survey, Miscellaneous Map Series M-54, scale 1:48,000).

Underlying bedrock is the Platteville formation of Ordovician age. The Platteville is a dolomitic limestone that is generally about 40 feet thick in the Twin Cities area (Jirsa, Mark A., Bruce M. Olsen, and Bruce A. Bloomgren, 1986, Bedrock Geologic Map of the Seven-County Twin Cities Metropolitan Area, Minnesota: Minnesota Geological Survey, Miscellaneous Map Series M-55 (Plate 1 of 2), scale 1:125,000). Depth to bedrock is approximately 70 to 80 feet. While the Platteville is considered an aquifer, it is not extensively used as a source of potable water in the Twin Cities area.

B.3. **Previous Work:** As previously mentioned, contamination was detected on-site during Phase I and Phase II audits by Twin City Testing. Braun Intertec conducted an initial RI between June 19 and July 24, 1990. Work included conducting a soil vapor survey, drilling five borings and completing three of the borings as groundwater monitoring wells, collecting and chemically analyzing soil and groundwater samples and performing hydraulic conductivity tests. The results are detailed in the Braun Environmental Laboratories, Inc. report E90-454/EG-885 "Remedial Investigation; Hafner's Bowling Center; St. Paul Minnesota MPCA LEAK#00002453" dated July 31, 1990. In summary, during the soil vapor survey, contamination was detected that appeared laterally extensive. Photoionization detector (PID) readings ranged from 62 to 424 parts per million (ppm) and generally fell between 100 and 200 ppm. Subsequent jar headspace screening of soil samples from soil borings detected contamination. These PID readings ranged

from 0 to 210 ppm and were generally highest near the water table in MW-1, MW-2, MW-3 and ST-1. Boring ST-2 had only low levels of contamination with a 6 ppm reading at 3.5 feet.

Soil samples were collected for chemical analysis from borings ST-1 and ST-2 over the 3.5 to 5.0 foot interval. The samples were analyzed for concentrations of benzene, ethyl benzene, toluene, and xylenes (BETX); methyl tertiary butyl ether (MTBE), total hydrocarbons (THC) as gasoline or fuel oil, and lead. Analysis of the sample from boring ST-2 did not detect any BETX, MTBE or lead above the detection limits. THC as gasoline were detected at 1.1 mg/kg (ppm). MTBE and lead were not detected above the detection limits in ST-1. Significant levels of BETX compounds were detected, and THC as gasoline were detected at a concentration of 3,100 ppm.

Groundwater samples were collected from the three wells and analyzed for concentrations of volatile organic compounds (VOCs), MTBE and dissolved lead. Some VOCs including BETX were encountered in samples from all three wells. THC as gasoline were detected at 100,000 parts per billion (ppb) in the sample from MW-1, at 26,000 ppb in MW-2 and at 81,000 ppb in MW-3. Lead was detected at 14 ppb and 10 ppb in samples from MW-1 and MW-3, respectively.

Site geology consists of clayey sand and sandy clays of glacial till origin, with interbedded fine alluvium. Groundwater was encountered between 3.7 and 9.5 feet below grade. Groundwater flow direction was calculated to the northeast with a hydraulic gradient of 0.09 feet per foot (ft/ft). Slug tests on these wells were performed to determine the hydraulic conductivity. Values range from 5×10^{-4} centimeters per second (cm/sec) to 5×10^{-3} cm/sec and averaged 3×10^{-3} cm/sec.

The pattern of contamination detected at the site suggested that a release may have occurred at the Clark's Oil Station. If a release did occur, the amount and date of the release are unknown.

C. SCOPE OF WORK

The purpose of this work was to further define the extent of subsurface petroleum contamination. As part of this work, Braun Intertec provided the following services:

- drilled five soil borings;
- completed three of the soil borings as groundwater monitoring wells;
- collected and chemically analyzed six soil samples;
- collected and chemically analyzed three groundwater samples;
- collected groundwater elevation data;
- conducted and analyzed hydraulic conductivity tests;
- conducted a groundwater receptor survey;
- conducted a petroleum vapor risk assessment;
- completed MPCA form "Hydrogeologic Setting and Groundwater Contamination Characterization Worksheet"; and
- prepared this report detailing our methods, results, conclusions and recommendations.

C.1. **Literature Review:** Available hydrogeological literature of the site area was reviewed. This review was to obtain geologic and hydrogeologic conditions of the site area.

C.2. **Groundwater Receptor Survey:** A Groundwater Receptor Survey was completed according to MPCA guidelines. During this survey, Braun Intertec identified municipal water wells in the area and obtained well logs from the Minnesota Geological Survey (MGS) for wells

within a one mile radius of the site. Well logs for wells completed in quaternary aquifers within a 2 mile radius of the site were also collected. In addition, local authorities were contacted to attempt to identify existing, unregistered or abandoned wells and to determine if any groundwater development is scheduled within one mile downgradient of the site.

C.3. **Soil Borings and Soil Samplings:** Five soil borings were drilled at the locations shown on Figure 2. Borings were drilled on September 25 and 26, 1990, using a truck-mounted core and auger drill equipped with a hollow-stem auger. All downhole equipment was steam cleaned between borings to reduce the potential for cross contamination. Details of the procedures used to conduct the soil borings are contained in Appendix A.

Soil samples were collected from the borings using split-tube sampling methods as described in Appendix A. Soil samples retrieved using the split-barrel sampler were screened in the field for possible petroleum contamination. The soils were visually examined for discoloration or other indications of potential contamination and were scanned for organic vapors using a photoionization detector (PID) equipped with a 10.2 eV lamp and calibrated to a benzene standard. The soil samples retrieved from the split barrel sampler were analyzed for the presence of organic vapors using jar headspace analysis. Jar headspace analysis are used to concentrate organic vapors emitted from the soils. Appendix A contains additional details on the field contamination screening procedures.

Soil samples were collected from all borings at the depth showing the greatest evidence of potential contamination as indicated by field screening and just above the water table. The soil samples were placed in clean, screw-top, VOA glass vials with Teflon®-lined lids. The samples were labelled and transported to our laboratory under refrigerated conditions using Braun Intertec chain of custody procedures. The soils were analyzed in the laboratory for concentrations of BETX, THC calculated as gasoline or fuel oil, MTBE, and total lead.

All analyses were performed using EPA or other recognized standard procedures. Data were reviewed prior to release and all quality control guidelines were met. Specific information on

standard operating procedures, detection limits, and quality control measures is available upon request.

C.4. **Monitoring Well Installation and Sampling:** Three of the soil borings were completed as groundwater monitoring wells following Minnesota Department of Health (MDH) codes for the construction of monitoring wells. The stainless steel well screens were placed across the water table to allow for measurement of potential free liquid phase petroleum floating on the water surface. Details of groundwater monitoring well installation procedures are contained in Appendix A. Monitoring well field data sheets are contained in Appendix B and summarized in Table 1.

Table 1

Monitoring Well Construction Elevations
Hafner's Bowling Center
E90-454/EG-885

(All measurements in feet)

	<u>MW-4</u>	<u>MW-5</u>	<u>MW-6</u>
Top of Riser	938.94	941.68	939.62
Ground Surface	937.0	941.8	937.2
Top of Seal	934.0	940.8	934.7
Top of Filter Pack	932.5	938.8	933.2
Top of Well Screen	930.0	936.8	931.2
Bottom of Well Screen	920.0	926.8	921.2
Bottom of Boring	917.0	924.3	919.7

All elevations referenced to National Geodetic Vertical Datum (NGVD)

Benchmark: Top nut of fire hydrant at southwest corner of White Bear and Iowa Avenues.
Elevation = 937.24

The groundwater monitoring wells were developed and sampled in accordance with MPCA guidelines on September 28, 1990. Details of the groundwater sampling methods are contained in Appendix A. Prior to sampling, groundwater elevations were collected using a steel surveying tape. Details of the methods used to collect these data are contained in Appendix A.

C.5. **Hydraulic Conductivity Testing:** In-situ hydraulic conductivity tests of the aquifer materials were conducted at two wells using a data logger/pressure transducer system. The data were analyzed by the Bouwer and Rice Method (Bouwer, Herman, and R.C. Rice, 1976, A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers with Completely or Partially Penetrating Wells: Water Resources Research, Vol. 12, No. 3, pp. 423-428). A description of the methods used to collect the data is included in Appendix A.

C.6. **Vapor Risk Assessment Survey:** A vapor risk assessment survey of the building at the site was conducted. Underground utilities in adjacent streets were located as well as basements of buildings on-site. Inquiries were made of building occupants regarding evidence of organic vapors.

D. **RESULTS**

D.1. **Site Geology:** Soils encountered in the borings were generally consistent with observations of the previous investigation. Borings ST-4, MW-4, MW-5 and MW-6 consisted entirely of clay to clayey sand that was identified as fill or possible fill. Boring ST-3 encountered an organic clay deposit under the fill. Silt was encountered below this clay. These deposits were classified as fine alluvium. Based on information gathered from the second round of drilling, boring logs for ST-1, ST-2, and MW-1 through MW-3 were revised. All boring logs prepared for this project to date are attached in Appendix C. Cross-sections are shown in Figures 3 and 3A through 3E.

D.2. **Contamination Observations:** Soil samples obtained during drilling were screened with a PID and visually examined for indications of potential contamination. Headspace readings from borings ST-4, MW-4, MW-5 and MW-6 indicated only minor contamination, ranging from 0 to 6.2 ppm. Boring ST-3 had significant PID readings, up to 132 ppm at 10 feet. A moderate

petroleum odor was also noted in the boring. Organic vapor field data sheets detailing the PID readings and field observations are attached in Appendix D.

D.3. **Soil Chemistry:** Soil samples were collected from MW-4, MW-5, MW-6 and ST-3 at 10 feet. Samples were collected from boring ST-4 at 15 feet and 20 feet. Samples were analyzed for BETX, MTBE, THC as gasoline or fuel oil, and lead. THC concentrations were detected in all borings. THC as gasoline were detected in the samples from MW-4, MW-5 and MW-6 at levels of 3.3, 3.1 and 2.8 ppm respectively. The sample from boring ST-3 had a concentration of 48 ppm THC as gasoline, and the concentration of THC as fuel oil in boring ST-4 at 15 feet was 48 ppm. Lead was detected in ST-3 at 4.7 ppm. MTBE, benzene, ethyl benzene and xylene were detected in the sample from boring ST-3. Laboratory reports are included in Appendix E and summarized in Table 2 and Figure 4.

Table 2

Soil Chemistry Results
 Hafner's Bowling Center
 E90-454/EG-885
 (ppm)

Parameter	ST-3 10'	ST-4 15'	ST-4 20'	MW-4 10'	MW-5 10'	MW-6 10'
Methyl Tertiary Butyl Ether	0.8	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	4.6	<0.3	<0.3	<0.3	<0.3	<0.3
Ethyl Benzene	0.5	<0.3	<0.3	<0.3	<0.3	<0.3
Total Xylenes	1.0	<0.3	<0.3	<0.3	<0.3	<0.3
THC as Gasoline	48	a	<1.0	3.3	3.1	2.8
THC as Fuel Oil	b	48	<1.0	b	b	b
Lead	4.7	<2.5	<2.5	<2.5	<2.5	<2.5

a = Total hydrocarbons calculated as fuel oil

b = Total hydrocarbons calculated as gasoline

< = less than: compound not detected at or above indicated detection limit

D.4. **Groundwater Chemistry:** Groundwater samples were collected from MW-4, MW-5 and MW-6 and analyzed for VOCs, THC as gasoline or fuel oil, and dissolved lead. None of the compounds were detected at concentrations above their respective detection limits. The analytical results are attached in Appendix E and are summarized along with the groundwater chemistry results of the Phase I RI on Figure 5. Groundwater Sampling Data Sheets are included in Appendix F.

D.5. **Groundwater Levels and Hydraulic Conductivity:** Groundwater levels were measured on October 3 and 17 and December 12, 1990. From groundwater elevations measured in the original monitoring wells during Phase I of the RI, MW-1, MW-2 and MW-3, it initially appeared that groundwater flow at the site was northeast. However, with the addition of the three monitoring wells installed during this phase of the investigation, it became evident that site groundwater flow was more complex. The highest groundwater elevation was measured in well MW-5 in the northeast corner of the site. High groundwater elevations were also measured in wells MW-1, MW-2 and MW-6. The lowest groundwater elevation was encountered in well MW-3 which is centrally located among these other wells. The resulting groundwater flow pattern is inward from the west, south and east property boundaries towards MW-3 and then to the north, flowing off-site in the vicinity of MW-4.

The hydraulic gradient of the water table ranges between 0.02 to 0.06 ft/ft beneath the site, with an average gradient of 0.04 ft/ft. Water level measurements are attached in Appendix G and are presented in Table 3 and on Figure 6.

Table 3

Groundwater Elevations
Hafner's Bowling Center
E90--454/EG-885
(all measurements in feet)

<u>Well</u>	<u>10/3/90</u>	<u>10/17/90</u>	<u>12/12/90</u>
MW-1	NM	NM	927.38
MW-2	NM	926.34	926.03
MW-3	NM	924.04	923.84
MW-4	925.75	925.73	925.47
MW-5	931.56	931.43	930.92
MW-6	927.78	927.80	927.43

NM = No measurement taken

All elevations referenced to NGVD.

Benchmark: Top of fire hydrant at southwest corner of White Bear and Iowa Avenues.

Elevation = 937.24 feet

Hydraulic conductivity tests were conducted on October 17, 1990. Only the test data from wells MW-4 and MW-5 were useable. Conductivity values ranged from 2.2×10^{-4} cm/sec to 3.3×10^{-4} cm/sec, and averaged 2.7×10^{-4} cm/sec. These values are on the lower end of the range of hydraulic conductivity values calculated previously for wells MW-1, MW-2 and MW-3. The average hydraulic conductivity values calculated from all hydraulic conductivity tests at the site to date is 1.8×10^{-3} cm/sec. Test data and analyses are contained in Appendix H and summarized in Table 4.

Table 4

Hydraulic Conductivity
Hafner's Bowling Center
E90-454/EG-885

<u>Well</u>	Hydraulic Conductivity (ft/min)	Hydraulic Conductivity (cm/sec)
MW-4		
Falling Head	5.8×10^{-4}	3.0×10^{-4}
Rising Head	4.4×10^{-4}	2.2×10^{-4}
MW-6		
Falling Head	6.5×10^{-4}	3.3×10^{-4}
Rising Head	4.7×10^{-4}	3.4×10^{-4}

Specific discharge as calculated from the average value of hydraulic conductivity and the average site gradient is approximately 74 feet per year (ft/yr). Dividing that specific discharge value by an assumed porosity of 0.2 gives an average linear groundwater velocity of 372 ft/yr.

D.6. **Groundwater Receptor Survey:** Area water well logs obtained from the Minnesota Geological Survey (MGS) are included and summarized in Appendix I. No drinking water wells screened in the surficial deposits are known to exist within two miles downgradient (north) of the site.

North St. Paul and Maplewood municipal water supply wells are located north of the site. However, these wells are screened in bedrock and are located at least a mile or more from the site. City officials did not indicate that they anticipated development of the surficial aquifer downgradient of the site. City well logs and their locations are included in Appendix I.

The only domestic wells in the area that appear to draw on the surficial deposits are clustered around the north side of Lake Phalen.

A well is located one block due north of the site at a strip mall. This well is screened in the Prairie du Chien/Jordan aquifer from a depth of 274 feet to 509 feet.

D.7. **Vapor Risk Assessment Survey:** A general walk-through survey was conducted at the buildings located on-site to check for the presence of petroleum vapors. Personnel in the buildings were asked if they noted any vapors. None were noted or reported. Utilities in the adjacent city streets were not checked for petroleum as the contaminant levels in the soil samples taken at the site boundaries did not indicate a cause for concern.

D.8. **Hydrogeologic Setting and Ground Water Contamination Characterization:** The hydrogeologic setting and groundwater contamination characterization worksheet for petroleum release sites was completed (Appendix J). The additive recommended allowable limit (RAL) at or beyond the site boundaries was calculated to be 0 as no VOCs were detected in samples from wells at the property limits. No THC were detected in the samples from these wells either. This meets the clean-up goal at the compliance point requested by the MPCA.

E. **DISCUSSION**

E.1. **Site Hydrogeology:** Groundwater at this site occurs at a shallow depth. The surface of the water table appears to be shaped as a semi-circular basin, with the open end pointing north. Groundwater appears to converge at the center of the site and then flow north. This type of groundwater flow pattern is likely due to the location, amount and type of extensive fill deposits and the location of the buildings on-site. It is known that area groundwater flow patterns are equally convoluted to the west.

Hydraulic conductivity values calculated for this phase are somewhat less than those values calculated previously. However, these values are consistent with published values for similar soils (Freeze, R. Alan, and John A. Cherry; Groundwater; Prentice Hall; New Jersey, 1979).

The vertical extent of the water table aquifer is not known. It may be continuous to bedrock; however, it is likely that clay and organic units exist in these upper sediments that act as a lower

confining layer for the water table aquifer. Fine alluvium consisting of organic clay and silt was encountered below the fill in borings ST-1, ST-3 and MW-1. Glacial till composed of lean clay with sand underlies the fine alluvium in boring MW-1. This glacial till is likely extensive throughout the area and may serve as a confining layer.

E.2. Contamination Conditions: PID readings taken from boring ST-3 were highest around the water table. PID readings in boring ST-4 were generally low but become higher in the saturated soils at and below the water table. Headspace readings in borings MW-2, MW-5 and MW-6 were very low, ranging from 0 to 1 ppm. Soil chemistry is consistent with these PID readings. The highest concentration of THC as gasoline were detected at 10 feet in boring ST-3. The highest concentration of THC as fuel oil was detected at 15 feet in boring ST-4. No THC or other parameters were detected at 20 feet in boring ST-4. THC as gasoline were detected at levels ranging between 2.8ppm and 3.3 ppm in borings MW-4, MW-5 and MW-6, all at 10 feet. The pattern of PID readings and soil chemistry results indicate that petroleum contamination at these locations was likely introduced by the movement of dissolved product in groundwater.

No THC as gasoline or fuel oil, VOCs or lead were detected in any of the groundwater samples collected from monitoring wells MW-4, MW-5 and MW-6. According to the revised groundwater flow patterns, MW-5 and MW-6 are located upgradient of the main area of contamination detected in Phase I of the remedial investigation. MW-4 is located in the vicinity where groundwater appears to flow off-site. The lack of contaminants in the groundwater at MW-4 indicates that off-site migration of contamination is not occurring.

As borings ST-3, ST-4, MW-5 and MW-6 are all located at positions that appear to be upgradient of the potential on-site source of contamination, it is not clear how the low levels of petroleum contamination detected in these soils were introduced. It is possible that groundwater flow patterns at the site have been altered with the removal or addition of buildings and pavement. Groundwater flow in the area is extremely complex and may be, in part, controlled by the location of city streets and buildings. It is possible that some of the contamination detected in these borings is from an off-site source. There is no known potential source to the northeast of the site, upgradient of MW-5, MW-6 and ST-4. The Amoco station to the west of boring ST-3 does

have a known release. However, groundwater elevations are known to be lower at the Amoco site than at this site. With existing data, it is difficult to determine what sort of groundwater flow pattern occurs between the two sites.

The extent of soil contamination appears to be bounded on the west by borings ST-3 and ST-2, on the north by borings ST-3, MW-4 and MW-5, on the east by borings MW-5, ST-4 and MW-6 (Figure 6). Groundwater contamination appears to be confined to the area of monitoring wells MW-1, MW-2 and MW-3 (Figure 7).

F. CONCLUSIONS

The following conclusions can be inferred from the results of this remedial investigation.

- Petroleum contamination of soil and groundwater is present at the site. The predominant contaminant appears to be gasoline.
- Free product was not encountered on the water table.
- Patterns suggested by field and laboratory data suggest that the former Clark Oil station may be the source of the release.
- The time period, cause, and quantity of the release is unknown. Soil contamination appears to mainly lie in the areas of ST-1, MW-1, MW-2, and MW-3. Lower levels (48 ppm) of total hydrocarbons were detected in borings ST-3 and ST-4 and very low levels were detected in borings ST-3, MW-4 MW-5, and MW-6.
- Groundwater contamination appears to be largely confined to the area of ST-1, MW-1, MW-2 and MW-3.

- There do not appear to be potential drinking water receptors downgradient of the site.
- Groundwater flow at the site is complex and appears to flow inward from nearly all directions and then to the north, leaving the site in the vicinity of monitoring well MW-4.

G. RECOMMENDATIONS

Braun Intertec does not recommend additional work be performed at the site for the following reasons.

- Low levels of soil contamination were detected at or near the site boundary.
- Chemical analysis of groundwater samples taken from monitoring wells at or near the site boundaries did not detect any of the parameters tested for.
- Monitoring well MW-4 appears to be the downgradient well at the site. No petroleum contaminants were detected in this well.

Corrective action to remove the probable source of the petroleum contamination, the soils in the vicinity of the former Clark station, is not feasible. This is because the water table in this area is only several feet below grade. This would severely limit the amount of soils that could be excavated.

While petroleum contaminant levels are fairly high in wells MW-1, MW-2 and MW-3, contaminated groundwater does not appear to be moving off the site as indicated by the results of the analysis of the sample from MW-4. On-site remediation of groundwater could be attempted. However, this would likely be difficult as the soils encountered at the site are generally fine-grained materials which do not respond to pumping very well. Given the potential

difficulty of remediation and that the impacted unit is not a source of potable water, groundwater remediation does not appear to be warranted.

Braun Intertec does recommend the following:

- Monitoring well MW-4 be sampled for BETX and THC periodically to determine if off-site migration is occurring.
- The basements of both buildings on-site be checked on a regular basis for the presence of organic vapors.
- If future development occurs at the site which involves soil excavation an environmental consultant should be on-site to assist in screening excavated soils and separating contaminated soils for proper disposal.

H. STANDARD OF CARE

Services performed for this project have been conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar budget and time restraints. No warranty, expressed or implied, is made.

WATER WELL RECORD

MINNESOTA UNIQUE WELL NO.

511170

1. LOCATION OF WELL

County Name Ramsey
 Township Name St. Paul Township Number 29 Range Number 22 Section No. 23 Fraction SW 1/4 NW 1/4

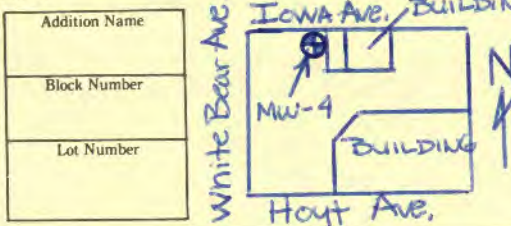
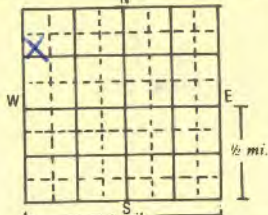
Minnesota Statutes 156A.01-.08

for Water Sample

Date of Completion 9/25/90

Numerical Street Address and City of Well Location or Distance from Road Intersection.
1560 White Bear Ave., St. Paul, MN

Show exact location of well in section grid with "X." Sketch map of well location.



Addition Name
 Block Number
 Lot Number

4. WELL DEPTH (completed) 17.0 ft.

5. DRILLING METHOD
 Cable Tool Reverse Driven Dug
 Hollow Rod Air Bored
 Rotary Jetted Power Auger

6. DRILLING FLUID None

7. USE
 Domestic Monitoring Heat Pump
 Irrigation Public Industry
 Test Well Municipal Commercial
 Air Conditioning

2. PROPERTY OWNER'S NAME
Hafner's Bowling Center
1560 White Bear Ave.
St. Paul, MN 55106

Mailing Address if different than property address indicated above.

8. CASING
 Black Threaded Galv. Welded
 Plastic
2.0 in. to 7.0 ft. Weight — lbs./ft. 6 1/4 in. to 20.5 ft.
 HEIGHT: Above Below Surface 1.9 ft.
 Drive Shoe? Yes No

3. FORMATION LOG

FORMATION LOG	COLOR	HARDNESS OF FORMATION	FROM	TO
<u>Lean Clay (Fill)</u>	<u>black</u>	<u>medium</u>	<u>0.0</u>	<u>3.5</u>
<u>Sandy Lean Clay</u>	<u>rd brown</u>	<u>to stiff</u>	<u>3.5</u>	<u>12.0</u>
<u>Lean Clay w/ silt</u>	<u>rd brown</u>	<u>very stiff</u>	<u>12.0</u>	<u>14.5</u>
<u>Clayey Sand</u>	<u>red</u>	<u>dense</u>	<u>14.5</u>	<u>20.5</u>

9. SCREEN
 Make Wesco Or open hole from _____ ft. to _____ ft.
 Type Stainless Steel Diam. 2.0"
 Slot/Gauze 0.010" (10 slot) Length 10.0'
 Set between 7.0 ft. and 17.0 ft. FITTINGS:

10. STATIC WATER LEVEL
11.3 ft. below above land surface Date Measured 10/3/90

11. PUMPING LEVEL (below land surface)
NA ft. after _____ hrs. pumping _____ g.p.m.
 _____ ft. after _____ hrs. pumping _____ g.p.m.

12. HEAD WELL COMPLETION
 Pitless adapter manufacturer _____ Model _____
 Basement offset At least 12" above ground
 Plastic casing protection

13. WELL GROUTED? Yes No
 Neat Cement Bentonite
 Grout material Cement from 0.0 to 3.0 ft. cu. yds.
Bentonite 3.0 4.5

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION
50 feet S direction petroleum type
 Well disinfected upon completion? Yes No

15. PUMP
 Date installed _____ Not installed
 Manufacturer's name _____
 Model number _____ HP _____ Volts _____
 Length of drop pipe _____ ft. Capacity _____ g.p.m.
 Material of drop pipe _____
 Type: Submersible L.S. Turbine Reciprocating
 Jet Centrifugal

16. ABANDONED WELLS
 Unused well on property? Yes No
 Sealed Permanent Temporary Not sealed

Use a second sheet, if needed

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.
Monitoring Well (MW-4)
Top of riser pipe elevation = 938.94'
Ground surface elevation = 937.0'

18. WATER WELL CONTRACTOR CERTIFICATION
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Braun Environmental Labs, Inc. M0109
 Licensee Business Name License No.
 Address 1345 Mendota Heights Rd.
Mendota Heights, MN 55120
 Signed Fred Lien Date 11/27/90
 Authorized Representative Date 9/26/90
 Name of Driller

IMPORTANT:
 FILE WITH DEED - WELL OWNER COPY

011170

WATER WELL RECORD

MINNESOTA UNIQUE WELL NO.

Minnesota Statutes 156A.01-.08

for Water Sample

511171

1. LOCATION OF WELL

County Name

Ramsey

Township Name

St. Paul

Township Number

29

Range Number

22

Section No.

23

Fraction

SW 1/4 NW 1/4

4. WELL DEPTH (completed)

15.0 ft.

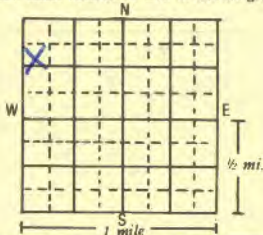
Date of Completion

9/26/90

Numerical Street Address and City of Well Location or Distance from Road Intersection.

1560 White Bear Ave., St. Paul, MN

Show exact location of well in section grid with "X."

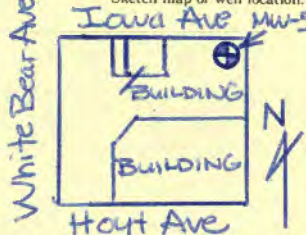


Addition Name

Block Number

Lot Number

Sketch map of well location.



5. DRILLING METHOD

- Cable Tool Reverse Driven Dug
- Hollow Rod Air Bored
- Rotary Jetted Power Auger

6. DRILLING FLUID

None

7. USE

- Domestic Monitoring Heat Pump
- Irrigation Public Industry
- Test Well Municipal Commercial
- Air Conditioning

8. CASING

- Black Threaded HEIGHT Above/Below
- Galv. Welded Surface 0.1 ft.
- Plastic Drive Shoe? Yes No

HOLE DIAM.

2.0 in. to 5.0 ft. Weight — lbs./ft. 1 1/4 in. to 1 7/8 in.

_____ in. to _____ ft. Weight _____ lbs./ft. _____ in. to _____ ft.

_____ in. to _____ ft. Weight _____ lbs./ft. _____ in. to _____ ft.

9. SCREEN

Make Wesco Or open hole from _____ ft. to _____ ft.

Type Stainless Steel Diam. 2.0"

Slot/Gauge 0.010" (10 slot) Length 10.0'

Set between 5.0 ft. and 15.0 ft. FITTINGS: _____

10. STATIC WATER LEVEL

10.2 ft. below above land surface Date Measured 10/3/90

11. PUMPING LEVEL (below land surface)

NA ft. after _____ hrs. pumping _____ g.p.m.

_____ ft. after _____ hrs. pumping _____ g.p.m.

12. HEAD WELL COMPLETION

- Pitless adapter manufacturer NA Model _____
- Basement offset At least 12" above ground
- Plastic casing protection _____

13. WELL GROUTED? Yes No

Neat Cement Bentonite _____

Grout material Cement from 0.0 to 1.0 ft. cu. yds.

Bentonite 1.0 3.0

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION

100 feet W direction petroleum type

Well disinfected upon completion? Yes No

15. PUMP

Date installed _____ Not installed

Manufacturer's name _____

Model number _____ HP _____ Volts _____

Length of drop pipe _____ ft. Capacity _____ g.p.m.

Material of drop pipe _____

Type: Submersible L.S. Turbine Reciprocating

Jet Centrifugal _____

16. ABANDONED WELLS

Unused well on property? Yes No

Sealed Permanent Temporary Not sealed

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.

Monitoring Well (MW-5)
Flush Mount
Top of riser pipe elevation = 941.68'
Ground surface elevation = 941.8'

18. WATER WELL CONTRACTOR CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Braun Environmental Labs, Inc. Molo9
Licensee Business Name License No.
Address 1345 Mendota Heights Rd.
Mendota Heights, MN 55120
Signed Fred Lien Date 11/27/90
Authorized Representative
Date 9/26/90
Name of Driller

IMPORTANT:
FILE WITH DEED — WELL OWNER COPY

011171

WATER WELL RECORD

MINNESOTA UNIQUE WELL NO.

011172

Minnesota Statutes 156A.01-08

for Water Sample

I. LOCATION OF WELL

County Name **Ramsey**

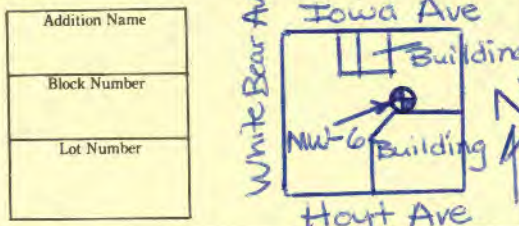
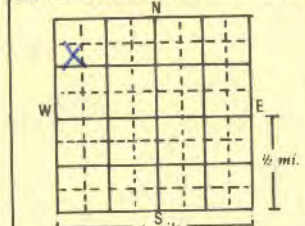
Township Name **St. Paul** Township Number **29** Range Number **22** Section No. **23** Fraction **SW 1/4 NW 1/4**

4. WELL DEPTH (completed) **16.0** ft. Date of Completion **9/26/90**

Numerical Street Address and City of Well Location or Distance from Road Intersection.
1560 White Bear Ave., St. Paul, MN

5. DRILLING METHOD
 Cable Tool Reverse Driven Dug
 Hollow Rod Air Bored
 Rotary Jetted Power Auger

Show exact location of well in section grid with "X."



6. DRILLING FLUID **None**

7. USE
 Domestic Monitoring Heat Pump
 Irrigation Public Industry
 Test Well Municipal Commercial
 Air Conditioning

2. PROPERTY OWNER'S NAME
Hafner's Bowling Center
1560 White Bear Ave.
St. Paul, MN 55106

Mailing Address if different than property address indicated above.

8. CASING
 Black Threaded Above/Below Surface **2.4** ft.
 Galv. Welded Drive Shoe? Yes No
 Plastic
2.0 in. to **6.0** ft. Weight **—** lbs./ft. **6 1/4** in. to **17.5** ft.
 _____ in. to _____ ft. Weight _____ lbs./ft. _____ in. to _____ ft.
 _____ in. to _____ ft. Weight _____ lbs./ft. _____ in. to _____ ft.

3. FORMATION LOG

FORMATION LOG	COLOR	HARDNESS OF FORMATION	FROM	TO
Lean Clay w/Sand	brown	stiff	0.0	10.0
Clayey Sand	brown	loose to med. dense	10.0	17.5
w/ concrete (fill)				

9. SCREEN
 Or open hole from _____ ft. to _____ ft.
 Make **Wesco**

Type **Stainless Steel** Diam. **2.0"**
 Slot/Gauze **0.010" (10 slot)** Length **10.0'**
 Set between **6.0** ft. and **16.0** ft. FITTINGS:

10. STATIC WATER LEVEL
9.4 ft. below above land surface Date Measured **10/3/90**

11. PUMPING LEVEL (below land surface)
NA ft. after _____ hrs. pumping _____ g.p.m.
 _____ ft. after _____ hrs. pumping _____ g.p.m.

12. HEAD WELL COMPLETION
 Pitless adapter manufacturer _____ Model _____
 Basement offset At least 12" above ground
 Plastic casing protection

13. WELL GROUTED? Yes No
 Neat Cement Bentonite
 Grout material **Cement** from **0.0** to **2.5** ft. cu. yds.
Bentonite **2.5** **4.0**

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION
20 feet **W** direction **petroleum** type
 Well disinfected upon completion? Yes No

15. PUMP
 Date installed _____ Not installed
 Manufacturer's name _____
 Model number _____ HP _____ Volts _____
 Length of drop pipe _____ ft. Capacity _____ g.p.m.
 Material of drop pipe _____
 Type: Submersible L.S. Turbine Reciprocating
 Jet Centrifugal

16. ABANDONED WELLS
 Unused well on property? Yes No
 Sealed Permanent Temporary Not sealed

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.

Monitoring well (MW-6)
 Top of riser pipe elevation = 939.62'
 Ground surface elevation = 937.2'

18. WATER WELL CONTRACTOR CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Braun Environmental Labs, Inc. MO109
 Licensee Business Name License No.
 Address **1345 Mendota Heights Rd**
Mendota Heights, MN 55120
 Signed **Fred Lien** Date **11/27/90**
 Authorized Representative Date **9/26/90**
 Name of Driller

IMPORTANT:
 FILE WITH DEED - WELL OWNER COPY

011172

Appendix C

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-1 LOCATION: 65 - 70 feet South of Hafner's Bowling Center sign in West parking lot. DATE: 6/22/90 SCALE: 1" = 4'
--	--

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
932.7	0.0					
932.2	0.5	SM	1.5" Bituminous overlying 5" Concrete. <u>FILL: SILTY SAND</u> , fine-grained, moderate petroleum odor, red brown, slightly moist.	13		BENCHMARK: Top nut of fire hydrant on Northeast corner of Iowa Street and White Bear Avenue. Elevation = 937.24 feet. Boring log revised 1/10/91.
				4		
				3		
927.7	5.0	SC	<u>FILL: CLAYEY SAND</u> , fine-grained, moderate petroleum odor, red brown, wet.			
923.7	9.0	OL	<u>ORGANIC CLAY</u> , with inclusions of plant matter, slight petroleum odor, gray green, wet to waterbearing, medium. (Fine Alluvium)	6		
919.7	13.0	CL	<u>LEAN CLAY with SAND</u> , with inclusions of plant matter, brown, waterbearing, medium. (Glacial Till)	11		
916.2	16.5		END OF BORING Water not encountered while drilling. Flush grade well installed. Screened interval 3 to 13 feet.			

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-2	
	LOCATION: Southeast corner of West parking lot.	
	DATE: 6/25/90	SCALE: 1" = 4'

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
934.6	0.0					
934.1	0.5		3.0" Bituminous overlying 3.0" Crushed Aggregate.	8		Boring log revised 1/10/91.
			FILL: CLAYEY SAND, fine-grained, grading to a Sandy Clay, red brown, moist, loose.	6		
930.6	4.0			4		
929.6	5.0		FILL: Coal Ash and Cinders, gray black.	4		
		SC	CLAYEY SAND, fine-grained, red brown, wet to waterbearing. (Possible Fill)	4		
925.1	9.5	CL	LEAN CLAY with SAND, slight petroleum odor, gray brown, wet to waterbearing. (Possible Fill)	5		
			- trace petroleum odor at 15 feet.	11		
917.6	17.0		END OF BORING Screen set at 2.5 - 12.5 feet. Water not encountered while drilling.			

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-3 LOCATION: 60 feet North of MW-2. DATE: 6/25/90 SCALE: 1" = 4'
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(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
933.6	0.0					
933.1	0.5	CL	3.0" Asphalt overlying 3.0" Aggregate Fill. <u>LEAN CLAY with SAND</u> , occasionally very Sandy, occasional Rock Clasts, red brown, moist, medium. (Possible Fill)			Boring log revised 1/10/91.
			- slight petroleum odor.	7		
				7		
				6		
926.6	7.0	SC	<u>CLAYEY SAND</u> , fine-grained, red brown, wet, loose. (Possible Fill)			
			- strong petroleum odor at 10 feet with Rock Clasts, waterbearing, loose.	6		
				6		
				8		
918.1	15.5		END OF BORING Screen set at 2.5 - 12.5 feet. Water not encountered while drilling.			
				10		

LOG OF BORING



PROJECT: E90-454/EG-885
REMEDIAL INVESTIGATION

Hafner's Bowling Center
1560 White Bear Avenue
White Bear Lake, Minnesota

BORING: **MW-4**

LOCATION:
See attached sketch.

DATE: 9/25/90

SCALE: 1" = 4'

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
937.0	0.0					
933.5	3.5	CL	3" Asphalt. 3" Aggregate Road Base. <u>FILL: LEAN CLAY</u> , with Organics, black, wet.	8		
925.0	12.0	CL	<u>FILL: SANDY LEAN CLAY</u> , with trace fine Gravel, reddish brown, wet. - with trace Silt.	6 10 15		
922.5	14.5	CL	<u>FILL: LEAN CLAY</u> , with Silt, reddish brown, wet.	20		
916.5	20.5	SC	<u>FILL: CLAYEY SAND</u> , with Concrete at 16 feet, red, waterbearing.	6/ 50/ 2" 16		
			END OF BORING Water level down 16.3 feet with 20 feet of hollow-stem auger in the ground. Water level down 15.2 feet with 20 feet of hollow-stem auger in the ground after 15 minutes. Monitoring well MW-4 then installed in borehole.	12		

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-5 LOCATION: See attached sketch. DATE: 9/26/90 SCALE: 1" = 4'
---	---

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
941.8	0.0					
939.8	2.0	SM	3" Asphalt. 3" Aggregate Road Base.			
		CL	<u>FILL: SILTY SAND</u> , fine- to medium-grained, light brown, moist. <u>LEAN CLAY</u> with <u>SAND</u> , brown, moist. (Possible Fill)	7		
				11		
935.3	6.5	SC	<u>CLAYEY SAND</u> , fine- to medium-grained, reddish brown, wet to waterbearing at 8.0 feet. (Possible Fill)	15		
				8		
				9		
				9		
924.3	17.5		END OF BORING Water level down 12.4 feet with 17.5 feet of hollow-stem auger in the ground. Monitoring well MW-5 then installed in borehole.	9		

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-6 LOCATION: See attached sketch. DATE: 9/26/90 SCALE: 1" = 4'
---	---

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
937.2	0.0	CL	3" Asphalt. 3" Aggregate Road Base. FILL: <u>LEAN CLAY with SAND</u> , brown, wet.	9		
927.2	10.0	SC	FILL: <u>CLAYEY SAND</u> , fine- to medium-grained, with trace Gravel, with Concrete at 16.5 to 17.0 feet, brown, waterbearing, loose.	14		
919.7	17.5		END OF BORING Water level down 11.4 feet with 17 feet of hollow-stem auger in the ground. Monitoring well MW-6 then installed in borehole.	13		
				12		
				18		
				8		
				6		

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: ST-1 LOCATION: Northwest corner of West parking lot. DATE: 6/25/90 SCALE: 1" = 4'
---	---

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
933.0	0.0					
932.7	0.3	CL	4" Bituminous.			Boring log revised 1/10/91.
			<u>FILL: LEAN CLAY with SAND</u> , with occasional Rock Clasts, red brown, moist.	9		
930.0	3.0	SM	<u>FILL: SILTY SAND</u> , fine-grained, with Rock Clasts, moderate petroleum odor, red brown, moist to wet.	8		
				5		
925.5	7.5			4		
924.0	9.0	SC	<u>FILL: CLAYEY SAND</u> , fine-grained, moderate petroleum odor, red brown, waterbearing.			
922.5	10.5	OL	<u>ORGANIC CLAY</u> , with plant matter and numerous freshwater Gastropods, gray black, wet to waterbearing, rather soft. (Fine Alluvium)	4		
<p>END OF BORING</p> <p>Water level not encountered while drilling.</p> <p>Boring backfilled with bentonite and capped with asphalt patch.</p>						

LOG OF BORING



**PROJECT: E90-454/EG-885
REMEDIAL INVESTIGATION**

**Hafner's Bowling Center
1560 White Bear Avenue
White Bear Lake, Minnesota**

BORING: ST-2

**LOCATION:
Southwest corner of West parking lot.**

DATE: 6/25/90

SCALE: 1" = 4'

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
931.8	0.0					
931.3	0.5	SM	4" Bituminous overlying 2" Aggregate.			Boring log revised 1/10/91.
929.8	2.0	SC	SILTY SAND, fine-grained, with occasional Gravel, red brown, moist, loose. (Possible Fill)	7		
			CLAYEY SAND, fine-grained, with occasional Gravel, red brown, wet to waterbearing, loose. (Possible Fill)	9		
				6		
923.8	8.0	CL	LEAN CLAY with SAND, fine-grained, grading to Clayey Sand, red brown, waterbearing, loose. (Possible Fill)	6		
920.3	11.5		END OF BORING			
			Water level not encountered while drilling.			
			Boring backfilled with bentonite and capped with asphalt patch.			

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: ST-3 LOCATION: <p style="text-align: center;">See attached sketch.</p>
DATE: 9/25/90 SCALE: 1" = 4'	

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
934.9	0.0	CL	3" Asphalt. 3" Aggregate Road Base. FILL: SANDY LEAN CLAY, with trace fine Gravel, inclusions of Brick, reddish brown, moist.	7		
926.9	8.0	OL	ORGANIC CLAY, with Wood and Plant matter, black, moist to wet, rather soft. (Fine Alluvium)	4		Moderate petroleum odor.
921.4	13.5	ML	SILT, gray-green, wet, soft. (Fine Alluvium)	3		
919.4	15.5		END OF BORING Water level down 11.9 feet with 15 feet of hollow-stem auger in the ground. Water level down 7.5 feet after 2 hours. Boring then backfilled with bentonite and capped with asphalt patch.			

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: ST-4 LOCATION: See attached sketch.
DATE: 9/26/90 SCALE: 1" = 4'	

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
934.9	0.0	CL	3" Asphalt. 3" Aggregate Road Base. <u>LEAN CLAY with SAND</u> , with trace Gravel, brown, moist. (Possible Fill)	13		
928.4	6.5	SC	<u>CLAYEY SAND</u> , fine- to medium-grained, with trace Gravel, brown, wet to waterbearing. (Possible Fill) - waterbearing at 10.0 feet.	15		
916.9	18.0		END OF BORING Water level down 11.3 feet with 17.5 feet of hollow-stem auger in the ground after 30 minutes. Water level down 11.0 feet after 2 hours. Boring then backfilled with bentonite and capped with asphalt patch.	4		

Descriptive Terminology

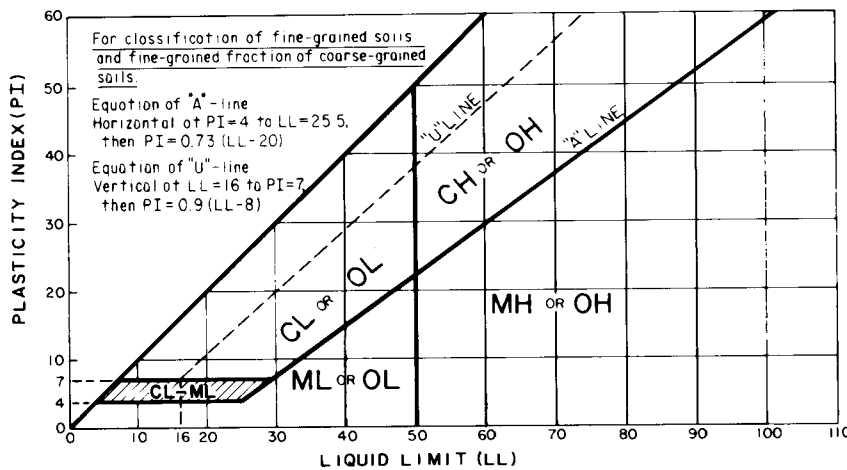


Designation D 2487 — 83

Standard Test Method for CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES

CRITERIA FOR ASSIGNING GROUP SYMBOLS AND GROUP NAMES USING LABORATORY TESTS ^a				SOIL CLASSIFICATION	
				GROUP SYMBOL	GROUP NAME ^b
COARSE-GRAINED SOILS more than 50% retained on No. 200 sieve	GRAVELS More than 50% of coarse fraction retained on No. 4 sieve	CLEAN GRAVELS Less than 5% fines ^c	$C_u \geq 4$ and $1 \leq C_c \leq 3$ ^e	GW	Well-graded gravel ^f
		GRAVELS WITH FINES More than 12% fines ^c	$C_u < 4$ and/or $1 > C_c > 3$ ^e	GP	Poorly graded gravel ^f
			Fines classify as ML or MH Fines classify as CL or CH	GM GC	Silty gravel ^{f,g,h} Clayey gravel ^{f,g,h}
	SANDS 50% or more of coarse fraction passes No. 4 sieve	CLEAN SANDS Less than 5% fines ^d	$C_u \geq 6$ and $1 \leq C_c \leq 3$ ^e	SW	Well-graded sand ⁱ
			$C_u < 6$ and/or $1 > C_c > 3$ ^e	SP	Poorly graded sand ⁱ
		SANDS WITH FINES More than 12% fines ^d	Fines classify as ML or MH Fines classify as CL or CH	SM SC	Silty sand ^{g,h,i} Clayey sand ^{g,h,i}
FINE-GRAINED SOILS 50% or more passed the No. 200 sieve	SILTS AND CLAYS Liquid limit less than 50%	inorganic	$PI > 7$ and plots on or above "A" line ^j	CL	Lean clay ^{k,l,m}
			$PI < 4$ or plots below "A" line ^j	ML	Silt ^{k,l,m}
		organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OL	Organic clay ^{k, l, m, n} Organic silt ^{k, l, m, o}
	SILTS AND CLAYS Liquid limit 50% or more	inorganic	PI plots on or above "A" line	CH	Fat clay ^{k,l,m}
			PI plots below "A" line	MH	Elastic silt ^{k,l,m}
		organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OH	Organic clay ^{k, l, m, p} Organic silt ^{k, l, m, q}
Primarily organic matter, dark in color, and organic odor			PT	Peat	

- Based on the material passing the 3-in (75-mm) sieve.
- If field sample contained cobbles and/or boulders, add "with cobbles and/or boulders" to group name.
- Gravels with 5 to 12% fines require dual symbols
GW-GM well graded gravel with silt
GP-GM poorly graded gravel with silt
GW-GC well graded gravel with clay
GP-GC poorly graded gravel with clay
- Sands with 5 to 12% fines require dual symbols
SW-SM well graded sand with silt
SP-SM poorly graded sand with silt
SW-SC well graded sand with clay
SP-SC poorly graded sand with clay
- $C_u = D_{60}/D_{10}$ $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$
- If soil contains $\geq 15\%$ sand, add "with sand" to group name.
- If fines classify as CL-ML, use dual symbol GC-GM, SC-SM.
- If fines are organic, add "with organic fines" to group name.
- If soil contains $> 15\%$ gravel, add "with gravel" to group name.
- If Atterberg limits plot in hatched area, soil is a CL-ML, silty clay.
- If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel" whichever is predominant.
- If soil contains $> 30\%$ plus No. 200, predominantly sand, add "sandy" to group name.
- If soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.
- $PI > 4$ and plots on or above "A" line.
- $PI < 4$ or plots below "A" line.
- PI plots on or above "A" line.
- PI plots below "A" line.



LABORATORY TESTS

DD	Dry Density, pcf	OC	Organic Content, %
WD	Wet Density, pcf	S	Percent of Saturation, %
MC	Natural Moisture Content, %	SG	Specific Gravity
LL	Liquid Limit, %	C	Cohesion
PL	Plastic Limit, %	ϕ	Angle of Internal Friction
PI	Plasticity Index, %	qu	Unconfined Compressive Strength

PARTICLE SIZE IDENTIFICATION

Boulders	over 12"
Cobbles	3" to 12"
Gravel	
Coarse	3/4" — 3"
Fine	No. 4 — 3/4"
Sand	
Coarse	No. 4 — No. 10
Medium	No. 10 — No. 40
Fine	No. 40 — No. 200
Silt	No. 200 — .005 mm
Clay	less than .005 mm

RELATIVE DENSITY OF COHESIONLESS SOILS

very loose	0 — 4 BPF
loose	5 — 10 BPF
medium dense	11 — 30 BPF
dense	31 — 50 BPF
very dense	50+ BPF

CONSISTENCY OF COHESIVE SOILS

very soft	0 — 1 BPF
soft	2 — 3 BPF
rather soft	4 — 5 BPF
medium	6 — 8 BPF
rather stiff	9 — 12 BPF
stiff	13 — 16 BPF
very stiff	17 — 30 BPF
hard	30+ BPF

DRILLING NOTES

Standard penetration test borings were advanced by 3/4" or 6/4" I.D. hollow-stem augers unless noted otherwise. Jetting water was used to clean out auger prior to sampling only where indicated on logs. Standard penetration test borings are designated by the prefix "ST" (Split Tube).

Power auger borings were advanced by 4" or 6" diameter, continuous-flite, solid stem augers. Soil classification and strain depths are inferred from disturbed samples augered to the surface and are therefore somewhat approximate. Power auger borings are designated by the prefix "B".

Hand probings were advanced manually with a 1 1/2" diameter probe and are limited to the depth from which the probe can be manually withdrawn. Hand probings are indicated by the prefix "H".

SAMPLING — All samples are taken with the standard 2" O.D. split tube sampler, except where noted. TW indicates thin-wall (undisturbed) sample.

BPF — Numbers indicate blows per foot recorded in standard penetration test, also known as "N" value. The sampler is set 6" into undisturbed soil below the hollow-stem auger. Driving resistances are then counted for second and third 6" increments and added to get BPF. Where they differ significantly, they are reported in the following form — 2/12 for the second and third 6" increments respectively.

WH — WH indicates that sampler penetrated soil under weight of hammer and rods alone, driving not required.

NOTE — All tests run in accordance with applicable ASTM standards.



Appendix D

ORGANIC VAPOR FIELD DATA SHEET

Boring Identification MW-4 Project No. EG-885 Date 9/25/90

Weather Conditions 75 degrees F, sunny, 0 -15 mph from Southwest

Auger Steam Cleaned? Yes X No _____

Sampler Cleamed Between Samples: Yes X No _____ Method TSP and water rinse

Detector: OVM 10.0 eV HNu: 10.2eV Calibration: Gas 24.3 ppm benzene
11.7eV Date 9/25/90

<u>Depth</u> <u>(feet)</u>	<u>Auger</u> <u>(ppm)</u>	<u>Spoon</u> <u>(ppm)</u>	<u>Head</u> <u>Space</u> <u>(ppm)</u>	<u>Notes/Geology</u>
<u>0-2</u>	<u>0.2</u>	<u>--</u>	<u>--</u>	<u>CL-with sand, reddish-brown, moist</u>
<u>2.5</u>	<u>--</u>	<u>0</u>	<u>1.1</u>	<u>CL-with sand, reddish-black, wet</u>
<u>5.0</u>	<u>0</u>	<u>0.4</u>	<u>0.6</u>	<u>CL-with sand, reddish-brown, wet</u>
<u>7.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	<u>CL-with sand, reddish-brown, moist</u>
<u>10</u>	<u>--</u>	<u>0</u>	<u>0</u>	<u>CL/ML-with sand, reddish-brown, wet, trace Gravel</u>
<u>12.5</u>	<u>--</u>	<u>0.2</u>	<u>0.3</u>	<u>CL-reddish brown, wet, till, trace fine Gravel</u>
<u>15</u>	<u>--</u>	<u>0</u>	<u>0</u>	<u>ML/CL-gray/brown, wet, trace Gravel</u>
				<u>Water level 13.7 feet with 15 feet hollow-stem auger</u>
				<u>14.5' to 16' -coring concrete-10 gallons water added</u>
<u>17.5</u>	<u>--</u>	<u>0</u>		<u>SC-fine- to medium-grained, with Gravel, gray-brown, waterbearing</u>
<u>20.0</u>	<u>--</u>	<u>0.4</u>		<u>Water level 16.3 feet with 20 feet of hollow-stem auger</u>
				<u>Water level 15.2 feet with 20 feet of hollow-stem auger after</u>
				<u>15 minutes</u>
				<u>Well screen set 7' - 17'</u>



ORGANIC VAPOR FIELD DATA SHEET

Boring Identification MW-5 Project No. EG-885 Date 9/26/90

Weather Conditions 80 degrees F, sunny, 0 -5 mph from South

Auger Steam Cleaned? Yes X No _____

Sampler Cleamed Between Samples: Yes X No _____ Method TSP and water rinse

Detector: OVM 10.0 eV HNu: 10.2eV Calibration: Gas 24.3 ppm benzene
11.7eV Date 9/25/90

<u>Depth</u> (feet)	<u>Auger</u> (ppm)	<u>Spoon</u> (ppm)	<u>Head</u> <u>Space</u> (ppm)	<u>Notes/Geology</u>
<u>0-2</u>	<u>0</u>	<u>--</u>	<u>--</u>	
<u>2.5</u>	<u>0</u>	<u>0</u>	<u>0.3</u>	
<u>5.0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
<u>7.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>10</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>12.5</u>	<u>*</u>	<u>*</u>	<u>0</u>	<u>*low battery in OVM-took only headspace readings</u>
<u>15</u>	<u>*</u>	<u>*</u>	<u>0</u>	
<u>17.5</u>	<u>*</u>	<u>*</u>	<u>0</u>	<u>sampled at 1:30</u>
				<u>Water level 12.4 feet with 17.5 feet of hollow-stem auger</u>



ORGANIC VAPOR FIELD DATA SHEET

Boring Identification MW-6 Project No. EG-885 Date 9/26/90

Weather Conditions 65 degrees F, sunny, 0 -5 mph from Southeast

Auger Steam Cleaned? Yes X No _____

Sampler Cleaned Between Samples: Yes X No _____ Method TSP and water rinse

Detector: OVM 10.0 eV HNu: 10.2eV Calibration: Gas 24.3 ppm benzene
11.7eV Date 9/25/90

<u>Depth</u> (feet)	<u>Auger</u> (ppm)	<u>Spoon</u> (ppm)	<u>Head</u> <u>Space</u> (ppm)	<u>Notes/Geology</u>
<u>0-2</u>	<u>0</u>	<u>--</u>	<u>--</u>	<u>3.2 reading from rig background</u>
<u>2.5</u>	<u>0</u>	<u>0</u>	<u>0.4</u>	
<u>5.0</u>	<u>--</u>	<u>0</u>	<u>0.1</u>	
<u>7.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>10</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>12.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>15</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>17.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	<u>sampled at 9:30</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



ORGANIC VAPOR FIELD DATA SHEET

Boring Identification ST-3 Project No. EG-885 Date 9/25/90

Weather Conditions 80 degrees F, sunny, 0 -15 mph from Southwest

Auger Steam Cleaned? Yes No

Sampler Cleaned Between Samples: Yes No Method TSP and water rinse

Detector: OVM 10.0 eV HNu: 10.2eV Calibration: Gas 24.3 ppm benzene
11.7eV Date 9/25/90

<u>Depth</u> (feet)	<u>Auger</u> (ppm)	<u>Spoon</u> (ppm)	<u>Head</u> <u>Space</u> (ppm)	<u>Notes/Geology</u>
<u>0-2</u>	<u>0</u>	<u>--</u>	<u>0.9</u>	<u>SM-fill</u>
<u>2.5</u>	<u>--</u>	<u>0</u>	<u>1.8</u>	<u>SM-fill</u>
<u>5.0</u>	<u>--</u>	<u>0</u>	<u>1.2</u>	<u>SC-reddish-brown, wet</u>
<u>7.5</u>	<u>--</u>	<u>0/4.2</u>	<u>110</u>	<u>SC-fine- to medium-grained, reddish-brown, wet</u>
<u>10</u>	<u>--</u>	<u>7.0</u>	<u>132</u>	<u>8.0'-Organic clay, moderate petroleum odor</u>
<u>12.5</u>	<u>--</u>	<u>2.0</u>	<u>80</u>	<u>Organic clay with wood and plant matter, wet, moderate petroleum odor</u>
<u>15</u>	<u>--</u>	<u>8.0</u>	<u>75</u>	<u>Organic clay with wood and plant matter, gray/green, wet</u>
				<u>Water level 11.9 feet with 15 feet of hollow-stem auger</u>
				<u>Water level 7.5 feet with 15 feet of hollow-stem auger after 2</u>
				<u>hours.</u>



ORGANIC VAPOR FIELD DATA SHEET

Boring Identification ST-4 Project No. EG-885 Date 9/26/90

Weather Conditions 75 degrees F, sunny, 0 -5 mph from Southwest

Auger Steam Cleaned? Yes No

Sampler Cleamed Between Samples: Yes No Method TSP and water rinse

Detector: OVM 10.0 eV HNu: 10.2eV Calibration: Gas 24.3 ppm benzene
11.7eV Date 9/25/90

<u>Depth</u> (feet)	<u>Auger</u> (ppm)	<u>Spoon</u> (ppm)	<u>Head</u> <u>Space</u> (ppm)	<u>Notes/Geology</u>
<u>0-2</u>	<u>1.3</u>	<u>--</u>	<u>--</u>	
<u>2.5</u>	<u>--</u>	<u>0</u>	<u>2.4</u>	<u>sampled at 11:30</u>
<u>5.0</u>	<u>--</u>	<u>0</u>	<u>0.4</u>	
<u>7.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>10</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>12.5</u>	<u>--</u>	<u>0</u>	<u>0</u>	
<u>15</u>	<u>--</u>	<u>0</u>	<u>6.2</u>	<u>sampled at 11:50</u>
<u>17.5</u>	<u>--</u>	<u>0</u>	<u>1.2</u>	
<u>20.0</u>	<u>--</u>	<u>0</u>	<u>0.7</u>	<u>sampled at 11:55</u>
				<u>Water level 11.3 feet with 17.5 feet of hollow-stem auger</u>
				<u>after 30 minutes</u>
				<u>Water level 16 feet with 17.5 feet of hollow-stem auger</u>
				<u>after 2 hours</u>



Appendix E

6800 South TH-169, P.O. Box 39108
Minneapolis, Minnesota 55439
Phone 612/941-5600 Fax: 612/942-4844



Quality Services Since 1957

October 23, 1990

Donald Realty
Attn: Mr. Donald Hafner
1560 White Bear Avenue
St. Paul, MN 55106

Project #: E90-454/EG-885/
11347

Dear Mr. Hafner,

Braun Environmental Laboratories, Inc. is pleased to provide our report for the analysis you requested. Data for the following sample(s) are enclosed:

Your I.D. Number/Description

Work Requested

Soil Samples

Organic and Metals Analyses

All samples were analyzed according to EPA or other standard methods. Any anomalies which were encountered in this analysis are referenced on the laboratory report. Method references and quality control information are available upon request.

If you have any questions or need additional information regarding this report or other Braun Environmental Laboratories services please contact us.

Very truly yours,

BRAUN ENVIRONMENTAL LABORATORIES, INC.

Linda Crawford
Organic Supervisor

Anne L. Ochs
Laboratory Manager

LCC/ALO:crb

Attachment

Environmental Consulting and Testing

Offices in Minnesota, Wisconsin, Illinois, North Dakota and Montana



10/23/90

LABORATORY REPORT NO: 11347

PAGE 1 of 1

Donald Realty

1560 White Bear Ave.
St. Paul MN 55106PROJECT: EG-885
COLLECTED: Braun
RECEIVED: 09/27/90
SAMPLE MATRIX: Soil

09/25-09/26/90

PARAMETER	--UNITS--	BRAUN I.D.: 11347-01	11347-02	11347-03	11347-04
		CLIENT I.D.: MW-4 10'	MW-5 10'	MW-6 10'	ST-3 - 10'
Methyl Tertiary Butyl Ether	mg/Kg	<1.0	<1.0	<1.0	0.8
Benzene	mg/Kg	<0.3	<0.3	<0.3	4.6
Toluene	mg/Kg	<0.3	<0.3	<0.3	<0.3
Ethyl Benzene	mg/Kg	<0.3	<0.3	<0.3	0.5
Xylenes, Total	mg/Kg	<0.3	<0.3	<0.3	1.0
Total Hydrocarbons as Gasoline	mg/Kg	3.3	3.1	2.8	48
Total Hydrocarbons as Fuel Oil	mg/Kg	b	b	b	b
Lead, Total	mg/Kg	<2.5	<2.5	<2.5	4.7

PARAMETER	--UNITS--	BRAUN I.D.: 11347-05	11347-06
		CLIENT I.D.: ST-4 - 15'	ST-4 - 20'
Methyl Tertiary Butyl Ether	mg/Kg	<1.0	<1.0
Benzene	mg/Kg	<0.3	<0.3
Toluene	mg/Kg	<0.3	<0.3
Ethyl Benzene	mg/Kg	<0.3	<0.3
Xylenes, Total	mg/Kg	<0.3	<0.3
Total Hydrocarbons as Gasoline	mg/Kg	a	<1.0
Total Hydrocarbons as Fuel Oil	mg/Kg	48	<1.0
Lead, Total	mg/Kg	<2.5	<2.5

*****FOOTNOTES*****

a = Total Hydrocarbons calculated as fuel oil.
b = Total Hydrocarbons calculated as gasoline.

< = less than: compound not detected at or above indicated detection limit
- = Analysis not requested

Quality control data reviewed: lro 

10/23/90

Page 1 of 1

ADDENDUM: 11347

Parameter

Date Analyzed

BETX/THCs
Lead, Total

10/01/90
10/01/90





November 1, 1990

Donald Realty
Attn: Mr. Donald Hafner
1560 White Bear Avenue
St. Paul, MN 55106

Project #: E90-454/EG-885/
11357

Dear Mr. Hafner,

Braun Environmental Laboratories, Inc. is pleased to provide our report for the analysis you requested. Data for the following sample(s) are enclosed:

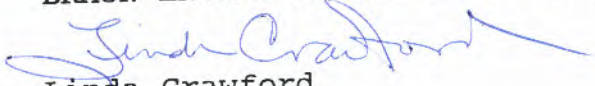
<u>Your I.D. Number/Description</u>	<u>Work Requested</u>
Aqueous Samples	Organic and Metals Analyses


All samples were analyzed according to EPA or other standard methods. Any anomalies which were encountered in this analysis are referenced on the laboratory report. Method references and quality control information are available upon request.

If you have any questions or need additional information regarding this report or other Braun Environmental Laboratories services please contact us.

Very truly yours,

BRAUN ENVIRONMENTAL LABORATORIES, INC.


Linda Crawford
Organic Supervisor


Anne L. Ochs
Laboratory Manager

LCC/ALO:crb

Attachment

11/01/90

LABORATORY REPORT NO: 11357

PAGE 1 of 2

Donald Realty

1560 White Bear Ave.
St. Paul MN 55106PROJECT: EG-885
COLLECTED: Braun 09/28/90
RECEIVED: 09/28/90
SAMPLE MATRIX: Aqueous

PARAMETER	--UNITS--	BRAUN I.D.:	11357-01	11357-02	11357-03	11357-04
		CLIENT I.D.:	MW-4	MW-5	MW-6	Field Blank
Chloromethane	ug/L		<5.0	<5.0	<5.0	<5.0
Bromomethane	ug/L		<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	ug/L		<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	ug/L		<5.0	<5.0	<5.0	<5.0
Chloroethane	ug/L		<1.0	<1.0	<1.0	<1.0
Dichlorofluoromethane	ug/L		<5.0	<5.0	<5.0	<5.0
Methylene Chloride	ug/L		<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	ug/L		<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	ug/L		<1.0	<1.0	<1.0	<1.0
Allyl Chloride (3-Chloropropene)	ug/L		<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethylene (cis & trans)	ug/L		<0.2	<0.2	<0.2	<0.2
Chloroform	ug/L		<1.5	<1.5	<1.5	<1.5
1,1,2-Trichlorotrifluoroethane	ug/L		<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	ug/L		<0.3	<0.3	<0.3	<0.3
Dibromomethane	ug/L		<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	ug/L		<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	ug/L		<1.6	<1.6	<1.6	<1.6
Bromodichloromethane	ug/L		<0.3	<0.3	<0.3	<0.3
2,3-Dichloro-1-propene	ug/L		<0.2	<0.2	<0.2	<0.2
Dichloroacetonitrile	ug/L		<0.3	<0.3	<0.3	<0.3
1,1-Dichloro-1-propene	ug/L		<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloro-1-propene	ug/L		<0.2	<0.2	<0.2	<0.2
1,1,2-Trichloroethylene	ug/L		<0.2	<0.2	<0.2	<0.2
1,3-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/L		<1.2	<1.2	<1.2	<1.2
Chlorodibromomethane	ug/L		<2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloro-1-propene	ug/L		<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L		<0.2	<0.2	<0.2	<0.2

< = less than: compound not detected at or above indicated detection limit
 - = Analysis not requested

Quality control data reviewed: URO



	BRAUN I.D.:	11357-01	11357-02	11357-03	11357-04
	CLIENT I.D.:	MW-4	MW-5	MW-6	Field Blank
PARAMETER	--UNITS--	-----	-----	-----	-----
2-Chloroethyl Vinyl Ether	ug/L	<5.0	<5.0	<5.0	<5.0
Bromoform	ug/L	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	ug/L	<0.5	<0.5	<0.5	<0.5
Pentachloroethane	ug/L	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene	ug/L	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/L	<1.2	<1.2	<1.2	<1.2
1,2,3-Trichloropropane	ug/L	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/L	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/L	<1.5	<1.5	<1.5	<1.5
1,2-Dichlorobenzene	ug/L	<0.2	<0.2	<0.2	<0.2
1,4-Dichlorobenzene	ug/L	<0.2	<0.2	<0.2	<0.2
Acetone	ug/L	<50	<50	<50	<50
Tetrahydrofuran	ug/L	<5.0	<5.0	<5.0	<5.0
Ethyl Ether	ug/L	<1.0	<1.0	<1.0	<1.0
Methyl Ethyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0
Cumene	ug/L	<3.0	<3.0	<3.0	<3.0
Benzene	ug/L	<1.0	<1.0	<1.0	<1.0
Toluene	ug/L	<1.0	<1.0	<1.0	<1.0
Ethyl Benzene	ug/L	<1.0	<1.0	<1.0	<1.0
Xylenes, Total	ug/L	<1.0	<1.0	<1.0	<1.0
Total Hydrocarbons as Gasoline	ug/L	<100	<100	<100	<100
Total Hydrocarbons as Fuel Oil	ug/L	<500	<500	<500	<500
Lead, Dissolved	ug/L	<2	<2	<2	-

< = less than: compound not detected at or above indicated detection limit
 - = Analysis not requested

Quality control data reviewed: UPO



11/01/90

Page 1 of 1

ADDENDUM: 11357

Parameter

Date Analyzed

VOCs

10/09/90

THCs

10/08/90

Lead, Dissolved

10/18/90

BRAUNTM



Braun Environmental Laboratories, Inc.
 6800 South TH-169
 Shipping & Receiving - Bldg. #2
 Edina, MN. 55435
 (612) 941-5600

CHAIN OF CUSTODY RECORD

Client Name, Address, Phone DON HAFNER Donald Realty HAFNER'S Bowling Center 1560 White Bear Ave. St. Paul, MN Report to: DON HAFNER Samplers: CDL Project #/Department # EG-885/E90-454			Verbal Results To:			Type/# of Containers							Samples Returned To:		
Copy of Report To:			Project Manager: Laura Myers-Wittman			V O A	G E N E R A L	M E T A L S	N U T R I E N T S	P E T R I T / P C B	C H A R T E R T U B E	O T H E R	Samples Retained By:		
Log-In #	Sample #	Sample Description	Collection Date	Collection Time	Sample Matrix Air Liq. Sol.								Analysis/Remarks		
11357	-1	MW-4	9/28/90	1:15		X	6	1					VOC's, THC, DISSOLVED Pb - Furnace <i>etcw</i>		
	-2	MW-5		11:40									↓		
	-3	MW-6		12:35									↓		
	-5	TRIP BLANK		9:30											
	-4	FIELD BLANK	↓	12:00		↓							VOC's, THC		
Relinquished By: <i>[Signature]</i>			Date: 9-28-90	Time: 3:45	Received By:			Relinquished By:			Date:	Time:	Received By:		
Relinquished By:			Date:	Time:	Received By:			Relinquished By:			Date:	Time:	Received By:		
Relinquished By:			Date:	Time:	Received For Laboratory By: <i>C. Hess</i>			Date: 9-28-90	Time: 15:40	Comments:					

White Copy - Client Yellow Copy - Laboratory Pink Copy - Originating Department F:CHAIN

9/28

Appendix F

WATER SAMPLING DATA

Project Number EG-885 Crew CDL Date 9/28/90

Location 1560 White Bear Avenue, St. Paul, Minnesota Well Number MW-4

Weather Conditions 65 degrees F, sunny, 5 - 10 mph from Southwest

Depth to Water (ft.) 13.19 Well Depth (ft.) 19.00 Well Volume (gallons) 5.81' = 0.95 gal

Purging Method: Pump NO Type -- Diameter (inches) --
 Decontamination Procedure --

Bailer: Length (ft.) 3 Material teflon Diameter (inches) 1.685

Sampling Method: Bailer: Length (ft.) 3 Material teflon Diameter (inches) 1.685
 Dedicated: Yes X No Lab Cleaned: Yes X No

Previously Stabilized: Yes No X Well Volumes Purged --

Previously Developed: Yes X No

<u>Time</u>	<u>Cum. Vol.</u> (gallons)	<u>Temp.</u> (C)	<u>pH</u>	<u>Conduc.</u> (umhos/cm)	<u>Comments</u> (color, odor, etc)
<u>12:55</u>	<u>2</u>	<u>17.7</u>	<u>7.70</u>	<u> </u>	<u> </u>
<u>1:00</u>	<u>3</u>	<u>17.9</u>	<u>7.64</u>	<u> </u>	<u>going dry</u>
<u>1:05</u>	<u>4</u>	<u>17.7</u>	<u>7.61</u>	<u> </u>	<u>going dry</u>
<u>1:10</u>	<u>5</u>	<u>17.7</u>	<u>7.59</u>	<u> </u>	<u> </u>
<u>1:15</u>	<u>sampled</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Additional Notes: Reddish-brown, opaque, no sheen.



WATER SAMPLING DATA

Project Number EG-885 Crew CDL Date 9/28/90

Location 1560 White Bear Avenue, St. Paul, Minnesota Well Number MW-5

Weather Conditions 65 degrees F, sunny, 5 - 10 mph from Southwest

Depth to Water (ft.) 10.12 Well Depth (ft.) 14.75 Well Volume (gallons) 4.63' = 0.78 gal

Purging Method: Pump NO Type -- Diameter (inches) --
 Decontamination Procedure --

Bailer: Length (ft.) 3 Material teflon Diameter (inches) 1.685

Sampling Method: Bailer: Length (ft.) 3 Material teflon Diameter (inches) 1.685
 Dedicated: Yes X No Lab Cleaned: Yes X No

Previously Stabilized: Yes No X Well Volumes Purged --

Previously Developed: Yes X No

<u>Time</u>	<u>Cum. Vol.</u> (gallons)	<u>Temp.</u> (C)	<u>pH</u>	<u>Conduc.</u> (umhos/cm)	<u>Comments</u> (color, odor, etc)
<u>11:20</u>	<u>2</u>	<u>17.2</u>	<u>7.73</u>	<u>725</u>	<u> </u>
<u>11:25</u>	<u>3</u>	<u>14.7</u>	<u>7.71</u>	<u>650</u>	<u>going dry</u>
<u>11:30</u>	<u>4</u>	<u>15.0</u>	<u>7.73</u>	<u>700</u>	<u>going dry</u>
<u>11:35</u>	<u>5</u>	<u>15.1</u>	<u>7.73</u>	<u>700</u>	<u> </u>
<u>11:40</u>	<u>sampled</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Additional Notes: Reddish-brown, opaque, no sheen.
At-grade well.



WATER SAMPLING DATA

Project Number EG-885 Crew CDL Date 9/28/90

Location 1560 White Bear Avenue, St. Paul, Minnesota Well Number MW-6

Weather Conditions 65 degrees F, sunny, 5 - 10 mph from Southwest

Depth to Water (ft.) 11.84 Well Depth (ft.) 18.00 Well Volume (gallons) 6.16' = 1.0 gal

Purging Method: Pump NO Type -- Diameter (inches) --
 Decontamination Procedure --

Bailer: Length (ft.) 3 Material teflon Diameter (inches) 1.685

Sampling Method: Bailer: Length (ft.) 3 Material teflon Diameter (inches) 1.685
 Dedicated: Yes X No Lab Cleaned: Yes X No

Previously Stabilized: Yes No X Well Volumes Purged --

Previously Developed: Yes X No

<u>Time</u>	<u>Cum. Vol.</u> (gallons)	<u>Temp.</u> (C)	<u>pH</u>	<u>Conduc.</u> (umhos/cm)	<u>Comments</u> (color, odor, etc)
<u>12:15</u>	<u>2</u>	<u>16.1</u>	<u>7.61</u>	<u>700</u>	<u> </u>
<u>12:20</u>	<u>3</u>	<u>15.2</u>	<u>7.56</u>	<u>650</u>	<u> </u>
<u>12:25</u>	<u>4</u>	<u>14.8</u>	<u>7.55</u>	<u>650</u>	<u>going dry</u>
<u>12:30</u>	<u>5</u>	<u>15.0</u>	<u>7.58</u>	<u>675</u>	<u> </u>
<u>12:35</u>	<u>sampled</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Additional Notes: Reddish-brown, opaque, no sheen.



Appendix G

WATER LEVEL MEASUREMENT RECORD

Date: 10/3/90 Project No. EG-885 Client: Hafner's Bowling Center
 Measurements Taken By: Chris Larson Measuring Device: steel tape
 Weather Conditions: clear, southwest wind at 5 - 10 mph, 65 degrees F

<u>Well Number</u>	<u>Time</u>	<u>Well Depth</u>	<u>Measuring Point (MP)</u>	<u>MP Elevation</u>	<u>Depth to GW</u>	<u>GW Elevation</u>	<u>Depth to FP</u>	<u>FP Elevation</u>	<u>Locked?</u>	<u>Comment Below?</u>
MW-4	12:45	19.00	TOR	938.94	13.19	925.75	none	--	yes	
MW-5	11:00	14.75	TOR	941.68	10.12	931.56	none	--	yes	*note
MW-6	11:55	18.00	TOR	939.62	11.84	927.78	none	--	yes	

Comments: *MW-5 - at-grade well with unique lock.

Site Elevation Reference Datum: _____
 Location: _____
 Elevation: _____



WATER LEVEL MEASUREMENT RECORD

Date: 10/17/90 Project No. EG-885 Client: Hafner's Bowling Center
 Measurements Taken By: Doug Schueller Measuring Device: steel tape
 Weather Conditions: cloudy, light and variable wind, 50 - 55 degrees F

<u>Well Number</u>	<u>Time</u>	<u>Well Depth</u>	<u>Measuring Point (MP)</u>	<u>MP Elevation</u>	<u>Depth to GW</u>	<u>GW Elevation</u>	<u>Depth to FP</u>	<u>FP Elevation</u>	<u>Locked?</u>	<u>Comment Below?</u>
MW-2	12:23	12.50	TOR	932.27	10.93	926.34	none	--	yes	
MW-3	12:35	12.55	TOR	936.10	12.06	924.04	none	--	yes	
MW-4	11:10	19	TOR	938.94	13.21	925.73	none	--	yes	
MW-5	11:00	14.75	TOR	941.68	10.25	931.43	none	--	no	
MW-6	11:53	18	TOR	939.62	11.82	927.80	none	--	yes	
MW-1	--	--	--	932.54	--	--	--	--	yes	*note

Comments: *MW-1 - unable to access well.

Site Elevation Reference Datum: _____

Location: _____

Elevation: _____



WATER LEVEL MEASUREMENT RECORD

Date: 12/12/90 Project No. EG-885 Client: Hafner's Bowling Center
 Measurements Taken By: Robert Frkyman Measuring Device: electric tape
 Weather Conditions: cloudy, north wind at 10 - 15 mph, 36 degrees F

<u>Well Number</u>	<u>Time</u>	<u>Well Depth</u>	<u>Measuring Point (MP)</u>	<u>MP Elevation</u>	<u>Depth to GW</u>	<u>GW Elevation</u>	<u>Depth to FP</u>	<u>FP Elevation</u>	<u>Locked?</u>	<u>Comment Below?</u>
MW-1	11:00	--	TOR	932.54	5.16	927.38	none	--	yes	
MW-2	11:05	--	TOR	937.27	11.24	926.03	none	--	yes	
MW-3	11:09	--	TOR	936.10	12.26	923.84	none	--	yes	
MW-4	11:15	--	TOR	938.94	13.47	925.47	none	--	yes	
MW-5	11:25	--	TOR	941.68	10.76	930.92	none	--	yes	
MW-6	11:17	--	TOR	939.62	12.19	927.43	none	--	yes	

Comments: _____

Site Elevation Reference Datum: _____
 Location: _____
 Elevation: _____



Appendix H

EG-885: HYDRAULIC CONDUCTIVITY

WELL	K FT/MIN	K CM/SEC
MW-4		
FALLING HEAD	5.8E-04	3.0E-04
RISING HEAD	4.4E-04	2.2E-04
MW-6		
FALLING HEAD	6.5E-04	3.3E-04
RISING HEAD	4.7E-04	2.4E-04

CM14X-91-0152

E90-454/EG-885

REMEDIAL INVESTIGATION
Hafner's Bowling Center
St. Paul, Minnesota
MPCA Leak #00002453

DONALD REALTY

July 31, 1990

6800 South TH-169
P.O. Box 39108
Mpls., MN 55439
(612) 941-5600
FAX #942-4844

July 31, 1990

Mr. Don Hafner
Donald Realty
1560 White Bear Avenue
St. Paul, MN 55106

RE: E90-454/EG-885

REMEDIAL INVESTIGATION
Hafner's Bowling Center
St. Paul, Minnesota
MPCA Leak #00002453

Dear Mr. Hafner:

Braun Environmental Laboratories, Inc. (Braun) performed a Remedial Investigation at Hafner's Bowling Center in St. Paul, Minnesota. This work was performed in accordance with your authorization of June 13, 1990 and the Braun Work Plan dated June 15, 1990.

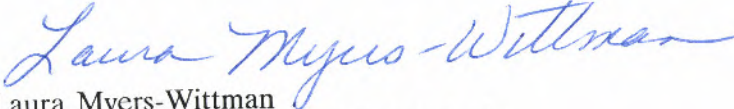
The purpose of the work was to evaluate the extent of potential soil and groundwater contamination resulting from a possible petroleum release. The following report contains the details, methods, results, conclusions and recommendations of our investigation.


July 31, 1990

We appreciate the opportunity to provide our professional services on this project. Should you have any questions regarding the contents of this report, please call us at (612) 941-5600, extension 561.

Very truly yours,

BRAUN ENVIRONMENTAL LABORATORIES, INC.


Laura Myers-Wittman
Project Manager, Senior Hydrogeologist


Mark A. Collins
Supervisor, Remedial Services Section

Attachment: Remedial Investigation Report

LM:MAC:lce1/EG-885.jul

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July 31, 1990

E90-454/EG-885

REMEDIAL INVESTIGATION
Hafner's Bowling Center
St. Paul, Minnesota
MPCA Leak #00002453

1.0 INTRODUCTION

Mr. Don Hafner of Donald Realty authorized Braun on June 13, 1990 to perform a Remedial Investigation (RI) at Hafner's Bowling Center located at 1560 White Bear Avenue in St. Paul, Minnesota (Figure 1). The RI was conducted in accordance with Braun's June 15, 1990 Work Plan. The Minnesota Pollution Control Agency (MPCA) Leak Number for this site is #00002453.

As part of this work, Braun conducted a soil vapor survey, drilled five soil borings and completed three of the borings as groundwater monitoring wells. Braun collected soil samples from two of the soil borings and groundwater samples from each of the wells for chemical analysis. Hydraulic conductivity tests were performed on each well. This work was performed between June 19 and July 24, 1990.

In summary, petroleum contaminated soil and groundwater are present at the site. Benzene, ethyl benzene, toluene and xylenes (BETX) as well as total hydrocarbons (THC) as gasoline were detected in the soil and groundwater samples. Free petroleum product was not encountered in the three monitoring wells. Groundwater flow at the site is toward the northeast. The following report details our methods, results, conclusions and recommendations.



ST. PAUL EAST, MINN.
 NE/4 ST. PAUL 15' QUADRANGLE
 N4452.5—W9300/7.5

1967
 PHOTOREVISED 1972 AND 1980
 DMA 7373 I NE—SERIES V872

BRAUN
 ENVIRONMENTAL LABORATORIES
 INCORPORATED

SITE LOCATION
 Subsurface Investigation
 Hafner's Bowling Center
 St. Paul, Minnesota

DRAWN BY: KMR	DWG. No. EG-885	APP'D BY: LM-W
	JOB I.D.# EG-885	PLOT SCALE 1:1

REVISED		SHEET
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7-28-90	KMR	1
		OF
		5
SCALE	FIGURE# 1	
1:24,000		

2.0 BACKGROUND

2.1 Site Location and Description: The site address is 1560 White Bear Avenue, St. Paul, Minnesota. The site is located in Township 29N, Range 22W, in the SW-1/4 of the NW-1/4 of the NW-1/4 of Section 23. The latitude and longitude of the site is 93°, 01', 27" longitude and 44°, 59', 22" latitude.

Site topography is relatively level. Wakefield Lake lies approximately 1/2-mile to the northwest, Cross Lake is approximately 3/4-mile to the west, Beaver Lake is approximately 1 1/2-miles to the southeast and Lake Phalen is approximately 1 3/4-miles to the west. The Mississippi River is 3 1/2-miles to the southwest.

Hafner's Bowling Center is a bowling and restaurant complex. The facility was built in 1956 and expanded in later years. A Clark Oil service station was located along the west side of the lot. This service station was purchased by Hafner's about 10 years ago. At that time, the underground storage tanks were removed, the station buildings were razed and the site paved to provide additional parking for the bowling center.

As part of an anticipated sale of the property, Phase I and Phase II Audits were performed by Twin City Testing Corporation (TCT). As part of this work, a soil boring was drilled at the site. Olfactory evidence of petroleum contamination of the subsurface soils was encountered during drilling. We understand the MPCA was notified of this potential contamination.

It is not known at this time if leakage of petroleum product from storage tanks at Clark Oil occurred. Other service stations that operated in the area are as follows:

- An Amoco station was located at the southwest corner of White Bear

Avenue and East Iowa Avenue. In 1984 Amoco stopped dispensing fuel and removed the underground storage tanks at this location.

- A Sinclair station operated at the southwest corner of East Hoyt Avenue and White Bear Avenue. This site is currently occupied by a dry cleaning shop.
- • A Shell gas station and a car wash which also dispensed gasoline, operated just north of the White Castle at the northwest corner of White Bear and Iowa Avenues.

With the exception of the Amoco station, these facilities were all apparently closed between 1970 and 1980. Petroleum contamination is known to be present at the Amoco station.

2.2 **General Geologic Conditions:** The site lies in an area of Superior Lobe deposits of the Late Wisconsinan Glaciation. The lobe deposits in the vicinity of the site are reddish-brown sandy loam and sandy clay loam. The loam contains sand lenses and is often overlain by a 2- to 5-foot-thick silty mantel. Some post-glacial deposits consisting of organic materials are also present in the area (Meyer, Gary N., Quaternary Geologic Map of the Minneapolis-St. Paul Urban Area, Minnesota, Miscellaneous Map Series M-54, University of Minnesota, Minnesota Geological Survey, 1985).

Underlying bedrock is the Platteville Formation of Ordovician Age. The Platteville is a dolomitic limestone that is generally about 40 feet thick in the Twin Cities Area. (Bloomgren, Bruce A., Geologic Map of the Minneapolis-St. Paul Urban Area, Minnesota, Bedrock Geology, Miscellaneous Map Series M-57, University of Minnesota, Minnesota Geological Survey, 1985). Depth to bedrock is approximately 70 to 80 feet. While the Platteville is considered an aquifer, it is not extensively used as a source of potable water in the Twin Cities area.

3.0 SCOPE OF WORK

The purpose of the work was to provide an evaluation of potential petroleum contamination. As part of this work, Braun provided the following services:

- Conducted a soil vapor survey;
- Performed five soil borings;
- Completed three of the soil borings as groundwater monitoring wells;
- Collected and chemically analyzed two soil samples;
- Collected and chemically analyzed three groundwater samples;
- Collected groundwater elevation data;
- Conducted and analyzed hydraulic conductivity tests;
- Researched potential receptors of the potential groundwater contamination;
and;
- Prepared this report detailing our methods, results, conclusions, and recommendations.

The MPCA recently enacted new guidelines pertaining to petroleum release sites. These guidelines were effective on July 1, 1990. The scope of work for this remedial investigation was proposed and the majority of the field work was performed prior to that date. Therefore, some tasks are now required for a remedial investigation of this nature but which were beyond the scope of this project. These tasks are the Petroleum Vapor Risk Assessment and Vapor Survey and the Groundwater Receptor Survey. When available, the information requested for these surveys has been included.

3.1 Literature Review: Available hydrogeological literature of the site area was reviewed. The purpose of this review was to obtain background information on the

geologic and hydrogeologic conditions of the site area. Additionally, well logs were reviewed at the Minnesota Geological Survey (MGS) to locate potential receptors of contaminated groundwater.

3.2. **Soil Vapor Survey:** A soil gas survey was conducted at the site to assess the horizontal and vertical extent of potential contamination. Methodology used to perform the survey is contained in Appendix A. Starting near the TCT boring, samples were taken at approximately 20- to 30-foot intervals at the location shown in Figure 2. Samples were generally taken at the 3-foot depth and, where the water table was sufficiently deep, at the 6-foot depth.

3.3 **Soil Borings and Soil Sampling:** Five soil borings were conducted at the locations shown on Figure 3. Borings were conducted on June 22 and July 25, 1990, using a truck-mounted core and auger drill equipped with hollow-stem auger. All down hole equipment was steam cleaned between borings to reduce the potential for cross-contamination. Details of the procedures used to conduct the soil borings are contained in Appendix A.

Soil samples were collected from the borings using split-tube sampling methods as described in Appendix A. Soil samples retrieved using the split-barrel sampler were screened in the field for possible petroleum contamination. The soils were visually examined for discoloration or other indications of potential contamination and were scanned for organic vapors using a photoionization detector (PID) equipped with a 10.2 eV lamp and calibrated to a benzene standard. The soil samples retrieved from the split-barrel sampler were analyzed for the presence of organic vapors using jar headspace analysis. Jar headspace analyses are used to concentrate organic vapors emitted from the soils. Appendix A contains additional details on the field contamination screening procedures.

Soil samples were collected for chemical analyses from soil borings ST-1 and ST-2 at the

White Bear Avenue

SIGN

SG-11
⊙ 239/62
1' | 3'

SG-12
⊙ 253
3'

SG-10
⊙ 301/102
1' | 3'

SG-1
⊙ 212
6'

SG-2
⊙ 134/189
3' | 5'

SG-4
424/112 ⊙
1' | 3'

SG-3
⊙ 231/170
3' | 5'

SG-5
⊙ 154
3'

SG-6
⊙ 286
3'

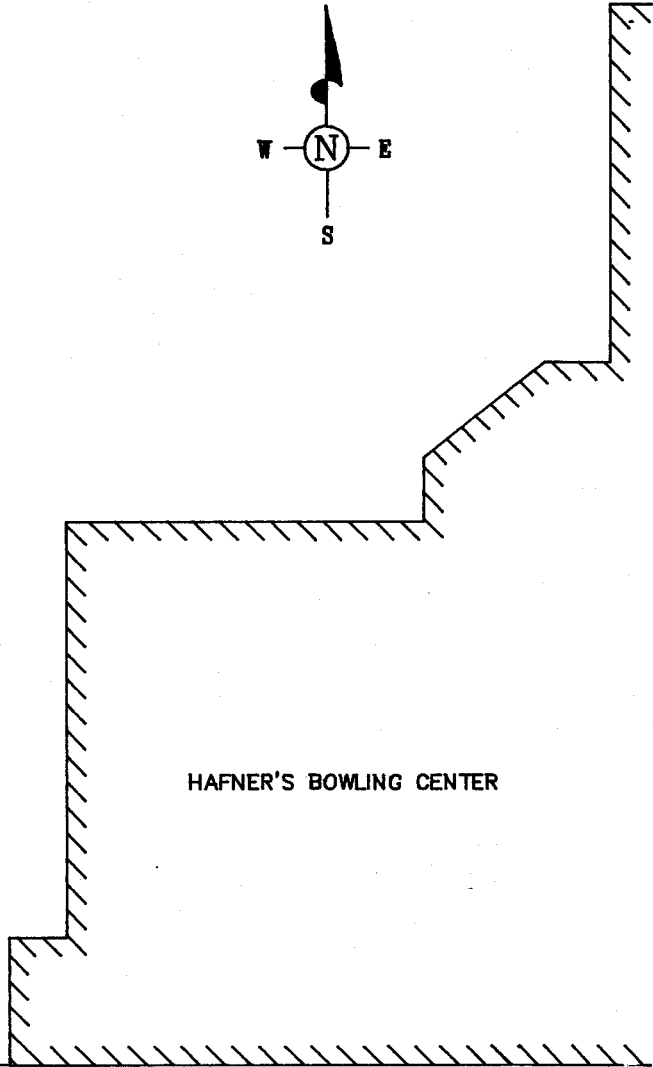
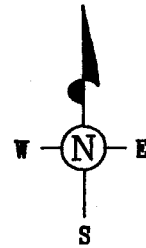
SG-7
⊙ 195
3'

SG-9
⊙ 209
3'

SG-8
⊙ 184
3'

SG-13
⊙ 213
3'

PARKING LOT



HAFNER'S BOWLING CENTER

East Hoyt Avenue

LEGEND

⊙ SOIL VAPOR SAMPLING POINT

$\frac{239}{1' | 3'}$ PID READINGS IN ppm AND SAMPLING DEPTHS



BRAUNTM
ENVIRONMENTAL LABORATORIES
INCORPORATED

SOIL VAPOR SAMPLING LOCATIONS
Subsurface Investigation
Hafner's Bowling Center
St. Paul, Minnesota

DRAWN BY: SMT

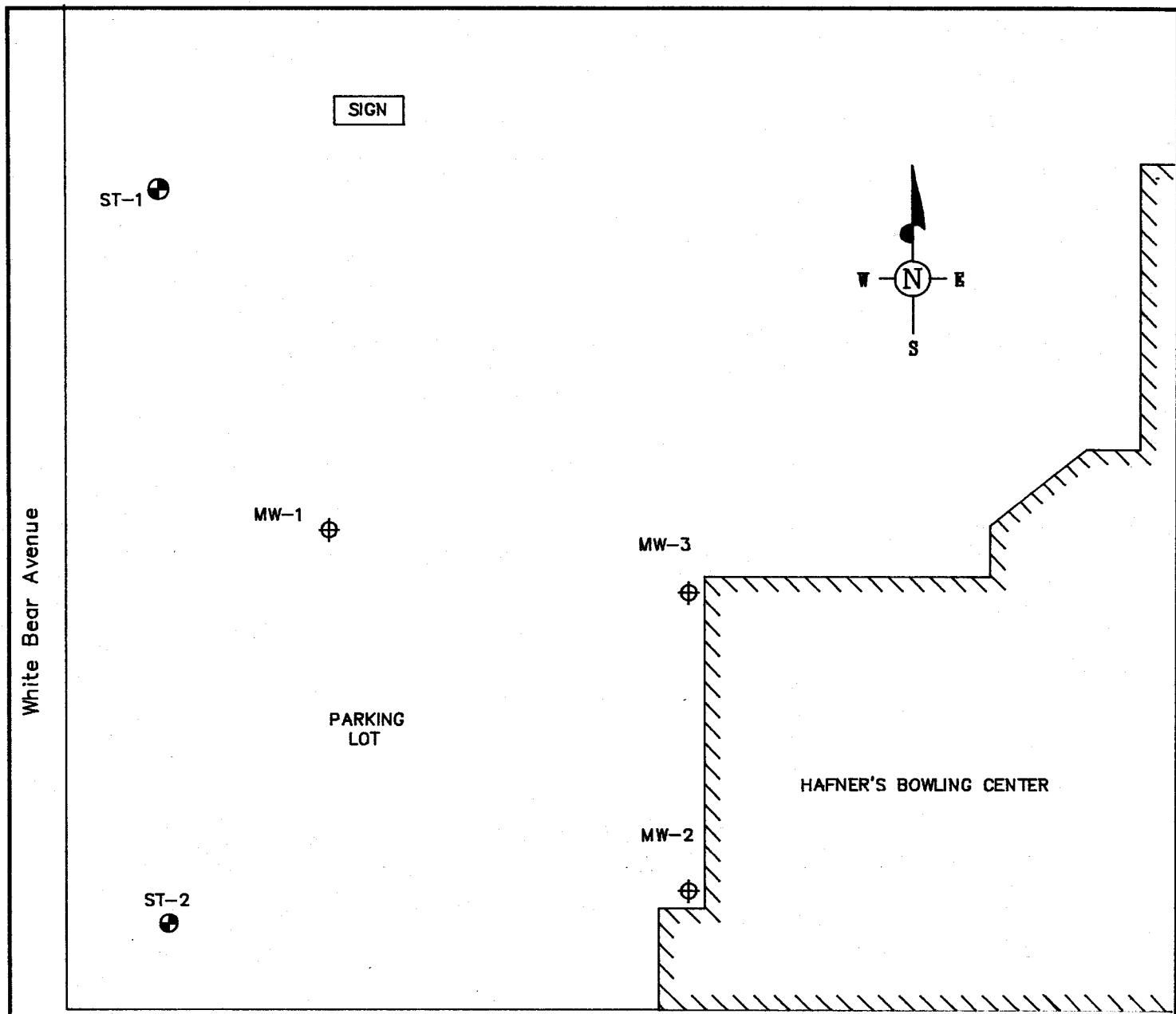
DWG.No. EG-885

APP'D BY: RAF

JOB I.D.#EG-885

PLOT SCALE 1"=30'

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7-11-90	SMT	2
		OF
		5
SCALE	1"=30'	FIGURE #
		2



LEGEND

- SOIL BORING
- ⊕ MONITORING WELL



SOIL BORING/MONITORING WELL LOCATIONS		
Subsurface Investigation		
Hafner's Bowling Center		
St. Paul, Minnesota		
DRAWN BY: SMT	DWG.No. EG-885	APP'D BY: RAF
	JOB I.D.#EG-885	PLOT SCALE 1"=30'

REVISED		SHEET
DATE	INT	
7-11-90	SMT	3
		OF
		5
SCALE	1"=30'	FIGURE#
		3

depth showing the greatest evidence of potential contamination as indicated by field screening. The soil samples were placed in clean, screw-top, VOA glass vials with Teflon®-lined lids. The samples were labeled and transported to our laboratory under refrigerated conditions using Braun chain-of-custody procedures. The soils were analyzed in the laboratory for concentrations of BETX, THC calculated as gasoline or fuel oil, methyl tertiary butyl ether (MTBE), and total lead.

All analyses were performed using EPA or other recognized standard procedures. Data were reviewed prior to release and all quality control guidelines were met. Specific information on standard operating procedures, detection limits, and quality control measures is available upon request.

3.4 **Monitoring Well Installation and Sampling:** Three of the soil borings were completed as groundwater monitoring wells following Minnesota Department of Health (MDH) code for the construction of monitoring wells. The stainless steel well screens were placed across the water table to allow for measurement of potential free liquid-phase petroleum floating on the water surface. Details of groundwater monitoring well installation procedures are contained in Appendix A. Monitoring well construction details are shown in Table 1. Monitoring well MW-1 was installed as a flush grade well.

TABLE 1

Monitoring Well Construction
Hafner's Bowling Center
E90-454/EG-885

<u>Elevations</u>	<u>MW-1</u>	<u>MW-2</u>	<u>MW-3</u>
Top of Riser	932.54	937.27	936.10
Ground Surface	932.7	934.6	933.6
Top of Seal	931.1	933.6	932.6
Top of Filter Pack	930.1	932.6	931.6
Top of Well Screen	929.5	932.1	931.1
Bottom of Well Screen	919.2	922.1	921.1
Bottom of Boring	915.2	917.6	918.6

All elevations referenced to National Geodetic Vertical Datum (NGVD).

Benchmark: Top nut of fire hydrant at southwest corner of White Bear and Iowa Avenues.
Elevation = 937.24.

The groundwater monitoring wells were developed and sampled on June 26, 1990, following methods outlined in "Procedures for Groundwater Monitoring: Minnesota Pollution Control Agency Guidelines," December 31, 1986. Details of the groundwater sampling methods are contained in Appendix A. Prior to sampling, groundwater elevations were collected using a steel surveying tape. Details on the methods used to collect these data are contained in Appendix A.

3.5 **Hydraulic Conductivity Testing:** In-situ hydraulic conductivity tests of the aquifer materials were conducted on each well using a data logger/pressure transducer system. The data were analyzed by the Bouwer and Rice Method (Bouwer, H. and R. C. Rice, "A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers With Completely or

Partially Penetrating Wells"; Water Resources Research; V. 12, pp. 423-428; 1976). A description of the methods used to collect the data is included in Appendix A.

4.0 RESULTS

4.1 Soil Vapor Survey: The soil vapor survey was conducted at the site on June 19, 1990. Samples were taken at the locations shown in Figure 2. PID readings from the soil vapor survey ranged from 62 to 424 parts per million (ppm) and generally fell between 100 and 200 ppm. At locations where two samples were taken, the higher reading was generally at the shallower depth. Data from the soil vapor survey are contained in Appendix B.

4.2 Site Geology: Soils encountered in the borings generally consisted of glacial till. ST-1 encountered 9 feet of glacial till overlying fine alluvium. Glacial till was encountered from 0 feet to the termination depth of 11.5 feet in ST-2 and from 0 feet to the termination depth of 15.5 feet in boring MW-3. In boring MW-1, 9 feet of glacial till was found to overlay 2 feet of fine alluvium. This fine alluvium was underlain in turn by glacial till to the base of the boring. In boring MW-2, 5 feet of fill was encountered. The fill was underlain by glacial till to the termination depth of the boring. Boring logs are attached in Appendix C. Monitoring well installation sheets, water well records and the well permit are included in Appendix D.

4.3 Contamination Observations: During drilling, soils from the borings were screened with a PID and visually examined for indications of potential contamination. PID readings and other field observations are attached in Appendix E. PID readings taken using headspace methods ranged from 0 parts per million (ppm) to 210 ppm. Readings were highest at or near the depth of the water table. In borings ST-1, MW-2 and MW-3 PID measurements increased one to two orders of magnitude near the water table. Readings in soils above water bearing soils in borings ST-2, MW-2, and MW-3 were all below 10

ppm. PID levels were generally highest in boring MW-1 and lowest in ST-2.

4.4 **Soil Chemistry:** Soil samples were collected over the 3.5 foot to 5 foot interval in borings ST-1 and ST-2. Samples were analyzed for BETX, MTBE, THC as gasoline and fuel oil, and total lead. Laboratory reports are included in Appendix F and summarized on Table 2. BETX, MTBE and lead were not detected at or above the lower detection limits in ST-2. THC as gasoline was detected at 1.1 parts per million (ppm) in ST-2.

MTBE and lead were not encountered at or above the lower detection limits in the sample from boring ST-1. Benzene was detected at 560 ppm, ethyl benzene at 53 ppm, toluene at 56 ppm, total xylenes at 210 ppm, and THC as gasoline at 3,100 ppm in this sample.

TABLE 2

Soil Chemistry
Hafner's Bowling Center
E90-454/EG-885

<u>Parameter</u>	<u>Units</u>	<u>ST-1 3.5 Feet</u>	<u>ST-2 3.5 Feet</u>
Benzene	mg/kg	560	<0.3
Ethyl benzene	mg/kg	53	<0.3
Toluene	mg/kg	56	<0.3
Total xylenes	mg/kg	210	<0.3
Methyl tertiary butyl ether	mg/kg	<0.1	<0.1
Total hydrocarbons as gasoline	mg/kg	3,100	1.1
Lead	mg/kg	<2.5	<2.5

< = Less than: compound not detected at or above indicated detection limit.
mg/kg = Milligrams per kilogram = parts per million (ppm).

4.5 Groundwater Levels and Hydraulic Conductivity: Groundwater levels were measured in the site wells on June 26 and July 24, 1990 (Figures 4 and 5). Water level measurements are attached in Appendix G and summarized in Table 3. The water table was encountered from about 3.7 to about 9.5 feet below grade at the site in the silty sands and clayey sands of the glacial till. Groundwater flow direction at the site is toward the northeast. The hydraulic gradient (slope of the water table) was calculated to be 0.09 feet/feet (ft/ft) beneath the site.

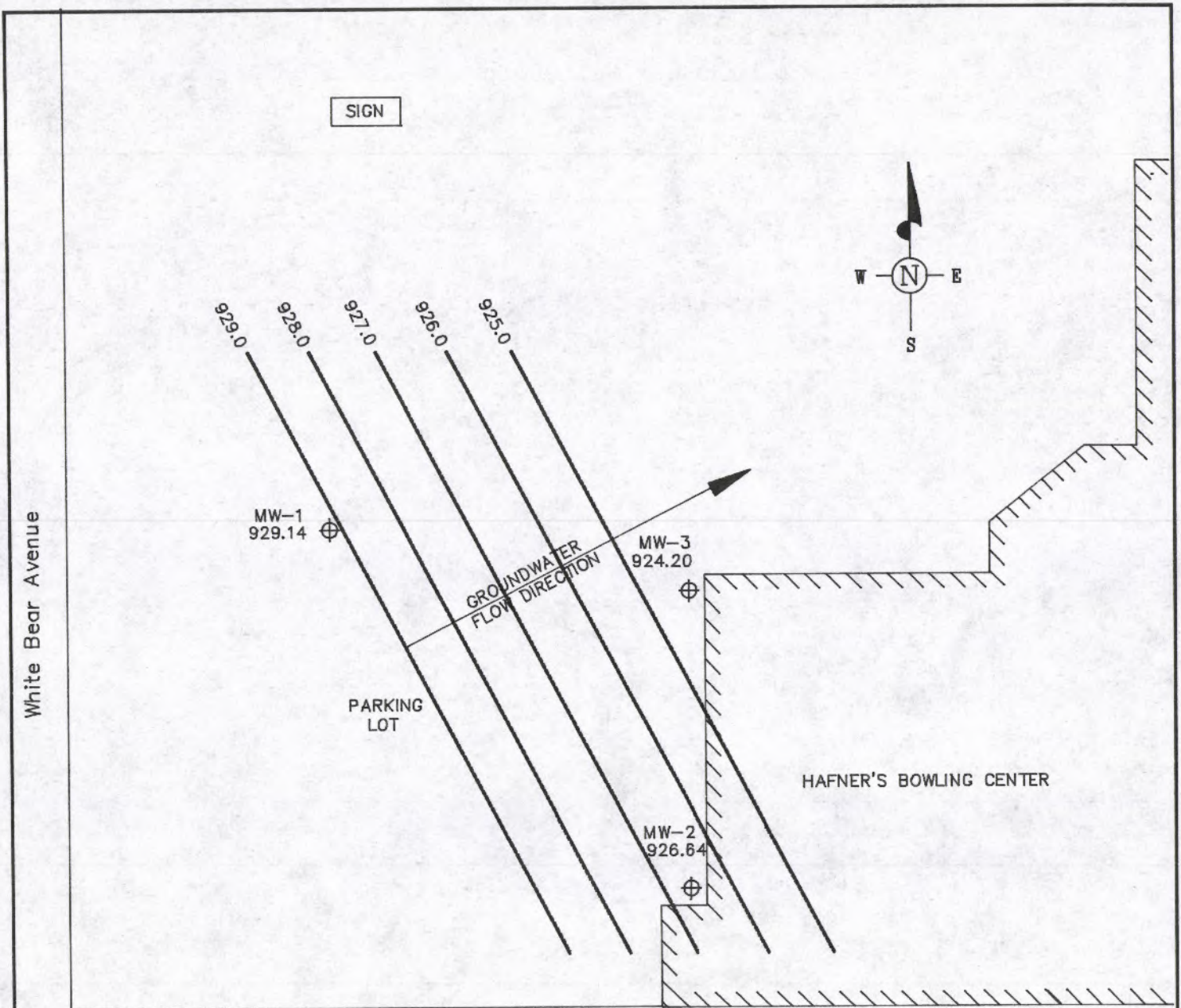
TABLE 3

Groundwater Elevations
Hafner's Bowling Center
E90-454/EG-885

<u>Well</u>	<u>June 26, 1990</u>	<u>July 24, 1990</u>
MW-1	929.14	928.97
MW-2	926.64	926.64
MW-3	924.20	924.05

All elevations referenced to NGVD.

Hydraulic conductivity tests were conducted on June 26 and July 24, 1990. Conductivity values from these tests ranged from 5×10^{-4} centimeters/second (cm/sec) to 5×10^{-3} cm/sec and averaged 3×10^{-3} cm/sec (Table 4). Test data and analyses are contained in Appendix H. Groundwater flow velocity as calculated using the site gradient and average hydraulic conductivity is approximately 260 feet per year.



LEGEND

⊕ MONITORING WELL

928.0 — GROUNDWATER ELEVATION CONTOUR



BRAUNTM
ENVIRONMENTAL LABORATORIES
INCORPORATED

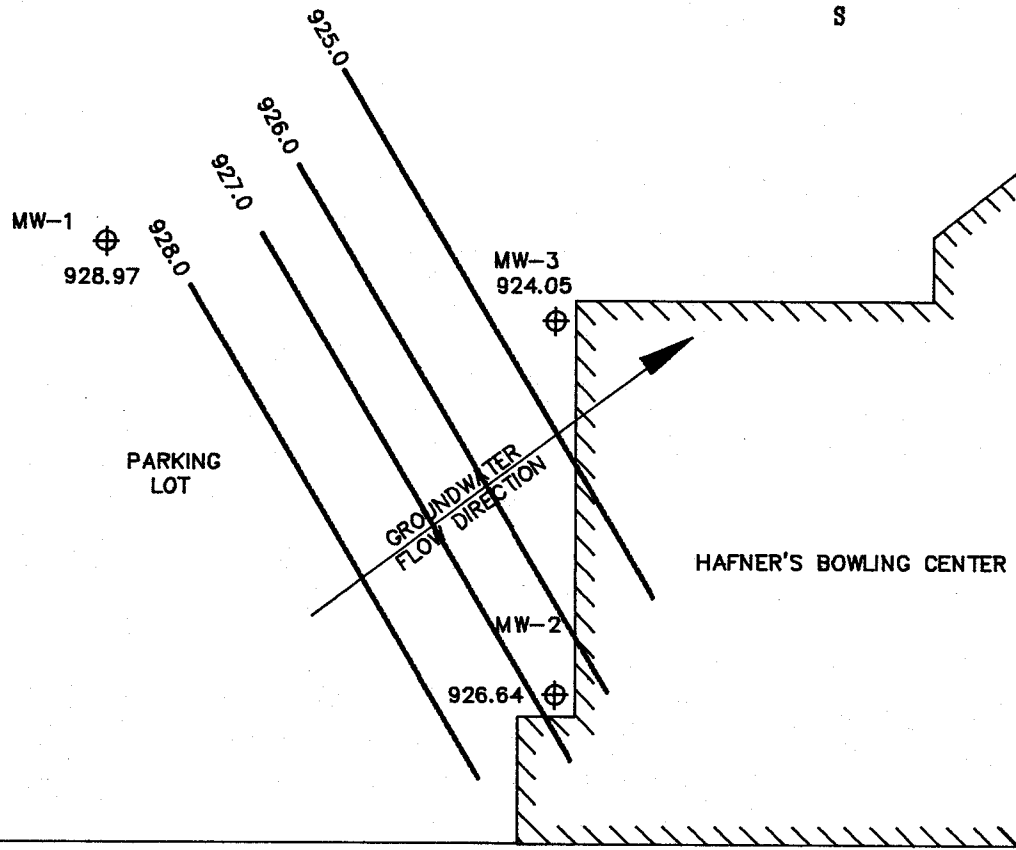
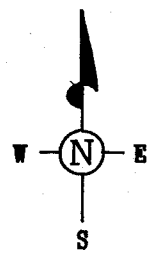
GROUNDWATER ELEVATIONS (6-26-90)
Subsurface Investigation
Hafner's Bowling Center
St. Paul, Minnesota

DRAWN BY: SMT	DWG.No. EG-885	APP'D BY: RAF
	JOB I.D.#EG-885	PLOT SCALE 1"=30'

REVISED		SHEET 4
DATE 7-11-90	INT SMT	
		OF 5
SCALE 1"=30'	FIGURE# 4	

White Bear Avenue

SIGN



East Hoyt Avenue

LEGEND

⊕ MONITORING WELL

928.0 — GROUNDWATER ELEVATION CONTOUR



GROUNDWATER ELEVATIONS 7/24/90		
Subsurface Investigation Hafner's Bowling Center St. Paul, Minnesota		
DRAWN BY: SMT	DWG. No. EG-885	APP'D BY: RAF
	JOB I.D. #EG-885	PLOT SCALE 1"=30'

REVISED		SHEET 5
DATE 7-11-90	INT SMT	
		OF 5
SCALE 1"=30'	FIGURE # 5	

TABLE 4

Hydraulic Conductivity
 Hafner's Bowling Center
 E90-454/EG-885

<u>Well</u>	<u>Hydraulic Conductivity (ft/min)</u>	<u>Hydraulic Conductivity (cm/sec)</u>
MW-1		
Falling Head	2×10^{-3}	1×10^{-3}
Rising Head	1×10^{-3}	5×10^{-4}
MW-2		
Falling Head		Test data not usable
Rising Head	6×10^{-3}	3×10^{-3}
MW-3		
Falling Head	1×10^{-2}	5×10^{-3}
Rising Head	9×10^{-3}	5×10^{-3}

4.6 **Groundwater Chemistry:** Groundwater samples were collected from the three monitoring wells at the site on June 26, 1990. Sampling data are contained in Appendix I. The samples were analyzed for volatile organic compounds (VOCs), THC as gasoline or fuel oil, MTBE, and lead. The analyses results are attached in Appendix F and summarized in Table 5.

TABLE 5
Groundwater Chemistry
Hafner's Bowling Center
E90-454/EG-885

<u>Parameter</u>	<u>Units</u>	<u>MW-1</u>	<u>MW-2</u>	<u>MW-3</u>
1,2-Dichloroethane	ug/L	13	3.1	13
Ethyl Ether	ug/L	770	440	1,600
Cumene	ug/L	190	<30	<30
Methyl Tertiary Butyl Ether	ug/L	<10	<10	<10
Benzene	ug/L	9,400	3,100	12,000
Ethyl Benzene	ug/L	2,100	32	1,400
Toluene	ug/L	40,000	1,000	21,000
Total Xylenes	ug/L	16,000	2,500	15,000
Total Hydrocarbons as Gasoline	ug/L	100,000	26,000	81,000
Dissolved Lead	ug/L	14	<2	10

< = Less than: compounds not detected at or above indicated detection limit.
ug/L = Micrograms per liter = parts per billion (ppb).

Some VOCs, including BETX, were encountered in samples from all three wells. THC as gasoline was detected at 100,000 parts per billion (ppb) in the sample from MW-1, 26,000 ppb in MW-2, and 81,000 ppb in MW-3. Lead was detected at 14 ppb and 10 ppb in samples from MW-1 and MW-3, respectively.

4.7 **Groundwater Receptors:** Area water well records obtained at the Minnesota Geological Survey (MGS) are included in Appendix J. No water wells screened in the soils

overlying bedrock downgradient of the site have been located at this time.

5.0 DISCUSSION

5.1 Site Hydrogeology: Groundwater at the site was encountered in the silty and clayey sands of the glacial till. It flows toward the northeast at a fairly steep gradient. Groundwater depths and the magnitude of the gradient are likely caused by the occurrence of fine grained soils encountered at the site.

Hydraulic conductivity values are consistent with published values for similar soils. (Freeze, R. Allen and John A. Cherry; Groundwater; Prentice-Hall; New Jersey; 1979).

At this time, the vertical extent of the water table aquifer in the site vicinity is not known. It could be continuous to bedrock; however, there are likely clay units between these upper saturated sediments and bedrock which act as confining layers.

5.2 Contamination Conditions: The results of the soil vapor survey showed no consistent pattern of contamination, except that organic vapors were observed to be laterally extensive. The occurrence of higher PID readings at the shallower depths could be attributed to the accumulation of trapped vapors under the pavement.

PID readings taken from soil samples during drilling were generally highest around the water table. Levels were below 10 ppm in the unsaturated soils in borings ST-2, MW-2, and MW-3. Higher PID readings were present in the unsaturated soils in borings ST-1 and MW-1. Soil chemistry results indicate very low THC levels in the area of ST-2 and much higher levels at ST-1. The THC concentration in the groundwater was highest at MW-1 and lowest at MW-2. This suggests that soils at ST-1 and MW-1 may have been directly

in contact with spilled petroleum while contamination at MW-2, ST-2, and MW-3 could have been introduced by dissolved petroleum product in groundwater.

The petroleum contamination encountered in the site soils and groundwater is consistent with previous site activities. MW-1 is located near where the tanks of the former Clark Oil station are believed to have been and MW-3 is downgradient of the former station. The higher PID readings in the unsaturated soils in borings MW-1 and ST-1 as well as the patterns indicated by the soil and groundwater chemistry results suggest that a petroleum release may have occurred at the Clark Oil station. The release may have occurred in the vicinity of MW-1, spread laterally in the unsaturated soils or on the water table, and then migrated downgradient in groundwater or on the water table.

As mentioned previously, a service station was formerly located upgradient of the site. However, a low THC concentration in the soil sample from ST-2 suggests that it is not likely that the contamination encountered at the site could have been introduced from an upgradient service station. Further, based on the groundwater flow direction, it appears the release at the Amoco Station has not impacted the site.

The extent of soil contamination has been partially defined at the site. PID readings indicate little or no soil contamination at ST-2, MW-2, and MW-3. Soil chemistry results for ST-2 also indicate very low contamination at the southwest corner of the site.

The extent of groundwater contamination has not been completely defined.

6.0 CONCLUSIONS

The following conclusions can be inferred from the results of this remedial investigation.

Petroleum contamination of soil and groundwater is present at the site. The contaminant is likely gasoline.

Free product was not encountered on the water table.

Patterns suggested by field and laboratory data suggest that the former Clark Oil station is probably the source of the release.

The time period, cause, and quantity of the release is unknown.

The southern and southeastern limits of soil contamination appear to be defined by ST-2, MW-2, and MW-3. The extent of soil contamination has not been defined to the west, north, and northeast.

The extent of groundwater contamination has not been complete defined.

Potential drinking water receptors, if they exist, have not been identified at this time.

7.0 RECOMMENDATIONS

Additional work will likely be required to defined the extent of soil and groundwater contamination. Using MPCA guidelines as a reference, we recommend the following:

An additional soil survey be conducted to the north and east of the lot where Hafner's is located in order to attempt to identify the extent of soil and/or groundwater contamination;

Additional soil borings and monitoring wells be drilled to the north and east of the current area of investigation;

A Petroleum Vapor Risk Assessment be performed; and

A Groundwater Receptor Survey be performed.

8.0 STANDARD OF CARE

Services performed by the geologists and environmental scientists for this project have been conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar budget and time restraints. No warranty, expressed or implied, is made.

LOG OF BORING



PROJECT: E90-454/EG-885
REMEDIAL INVESTIGATION

Hafner's Bowling Center
1560 White Bear Avenue
White Bear Lake, Minnesota

BORING: ST-1

LOCATION:
Northwest corner of West parking lot.

DATE: 6/25/90

SCALE: 1" = 4'

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM D2487 Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
933.0	0.0					
932.7	0.3	CL	4" Bituminous.			
930.0	3.0		<u>LEAN CLAY</u> with SAND, with occasional Rock Clasts, red brown, moist, stiff. (Glacial Till)	9 8 5		
		SM	<u>SILTY SAND</u> , fine-grained, with Rock Clasts, moderate petroleum odor, red brown, moist to wet, loose. (Glacial Till)			
925.5	7.5			4		
924.0	9.0	SC	<u>CLAYEY SAND</u> , fine-grained, moderate petroleum odor, red brown, waterbearing, loose.			
922.5	10.5	OL	(Glacial Till)	4		
			<u>ORGANIC CLAY</u> , with plant matter and numerous freshwater Gastropods, gray black, wet to waterbearing, rather soft. (Fine Alluvium)			
			END OF BORING			
			Water level not encountered while drilling.			
			Boring backfilled with bentonite and capped with asphalt patch.			

LOG OF BORING



PROJECT: E90-454/EG-885
REMEDIAL INVESTIGATION

Hafner's Bowling Center
1560 White Bear Avenue
White Bear Lake, Minnesota

BORING: ST-2

LOCATION:
Southwest corner of West parking
lot.

DATE: 6/25/90

SCALE: 1" = 4'

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM D2487 Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
931.8	0.0					
931.3	0.5		4" Bituminous overlying 2" Aggregate.			
929.8	2.0	SM	SILTY SAND, fine-grained, with occasional Gravel, red brown, moist, loose. (Glacial Till)	7		
		SC		CLAYEY SAND, fine-grained, with occasional Gravel, red brown, wet to waterbearing, loose. (Glacial Till)	9 6	
923.8	8.0			6		
		CL	LEAN CLAY with SAND, fine-grained, grading to Clayey Sand, red brown, waterbearing, loose. (Glacial Till)	4		
920.3	11.5					
			END OF BORING			
			Water level not encountered while drilling.			
			Boring backfilled with bentonite and capped with asphalt patch.			

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-1 LOCATION: 65 - 70 feet South of Hafner's Bowling Center sign in West parking lot. DATE: 6/22/90 SCALE: 1" = 4'
---	---

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM D2487 Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
932.7	0.0					
932.2	0.5		1.5" Bituminous overlying 5" Concrete.			
		SM	<u>SILTY SAND</u> , fine-grained, moderate petroleum odor, red brown, slightly moist, medium to very loose. (Glacial Till)	13		BENCHMARK: Top nut of fire hydrant on Northeast corner of Iowa Street and White Bear Avenue. Elevation = 937.24 feet.
927.7	5.0			4		
		SC	<u>CLAYEY SAND</u> , fine-grained, moderate petroleum odor, red brown, wet, very loose. (Glacial Till)	3		
923.7	9.0					
		OL	<u>ORGANIC CLAY</u> , with inclusions of plant matter, slight petroleum odor, gray green, wet to waterbearing, medium. (Fine Alluvium)	6		
919.7	13.0					
		CL	<u>LEAN CLAY with SAND</u> , with inclusions of plant matter, brown, waterbearing, medium. (Glacial Till)	11		
916.2	16.5					
			END OF BORING Water not encountered while drilling. Flush grade well installed. Screened interval 3 to 13 feet.			

LOG OF BORING



**PROJECT: E90-454/EG-885
REMEDIAL INVESTIGATION**

**Hafner's Bowling Center
1560 White Bear Avenue
White Bear Lake, Minnesota**

BORING: MW-2

**LOCATION:
Southeast corner of West parking lot.**

DATE: 6/25/90

SCALE: 1" = 4'

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM D2487 Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
934.6	0.0					
934.1	0.5		3.0" Bituminous overlying 3.0" Crushed Aggregate.			
				8		
			<u>FILL: CLAYEY SAND</u> , fine-grained, grading to a Sandy Clay, red brown, moist, loose.	6		
930.6	4.0					
929.6	5.0		<u>FILL: Coal Ash and Cinders</u> , gray black.	4		
		SC	<u>CLAYEY SAND</u> , fine-grained, red brown, wet to waterbearing, very loose. (Glacial Till)	4		
925.1	9.5					
		CL	<u>LEAN CLAY with SAND</u> , slight petroleum odor, gray brown, wet to waterbearing, soft. (Glacial Till)	5		
			- trace petroleum odor at 15 feet.	11		
917.6	17.0					
			END OF BORING Screen set at 2.5 - 12.5 feet. Water not encountered while drilling.			

LOG OF BORING



PROJECT: E90-454/EG-885 REMEDIAL INVESTIGATION Hafner's Bowling Center 1560 White Bear Avenue White Bear Lake, Minnesota	BORING: MW-3 LOCATION: 60 feet North of MW-2. DATE: 6/25/90 SCALE: 1" = 4'
---	--

(See Report and Standard Plates for evaluation and descriptive terminology.)

Elev.	Depth	ASTM D2487 Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
933.6	0.0					
933.1	0.5	CL	3.0" Asphalt overlying 3.0" Aggregate Fill.			
			<u>LEAN CLAY with SAND</u> , occasionally very Sandy, occasional Rock Clasts, red brown, moist, medium. (Glacial Till)	7		
			- slight petroleum odor.	6		
926.6	7.0	SC	<u>CLAYEY SAND</u> , fine-grained, red brown, wet, loose. (Glacial Till)			
			- strong petroleum odor at 10 feet with Rock Clasts, waterbearing, loose.	8		
918.1	15.5			10		
			END OF BORING Screen set at 2.5 - 12.5 feet. Water not encountered while drilling.			

Appendix D

MN Unique
Well Number 510060
MONITORING WELL FIELD DATA SHEET

CLIENT Donald Realty PROJECT NUMBER E90-454/EG-885 LOCATION St. Paul, Minnesota
WELL NUMBER MW-1 WELL LOCATION See attached sketch. DATE OF INSTALLATION 6-22-90
CREW DRS B.M. LOCATION AND ELEV. ($\pm 0.01'$) Hydrant SW corner of White Bear Ave.
GEOLOGIST RAF and Iowa Ave.; Elevation = 937.24 feet.

Stick up above ground
(to 0.1') -0.2'
Top of riser pipe (w/o cap)
Elev. ($\pm 0.01'$) 932.54'

Ground Surface
Elev. ($\pm 0.1'$) 932.74'

Approximate water
level before
installation --

Approximate depth to first
water encountered in
drilling 5.0'

Depth to top of
Seal 1.6'

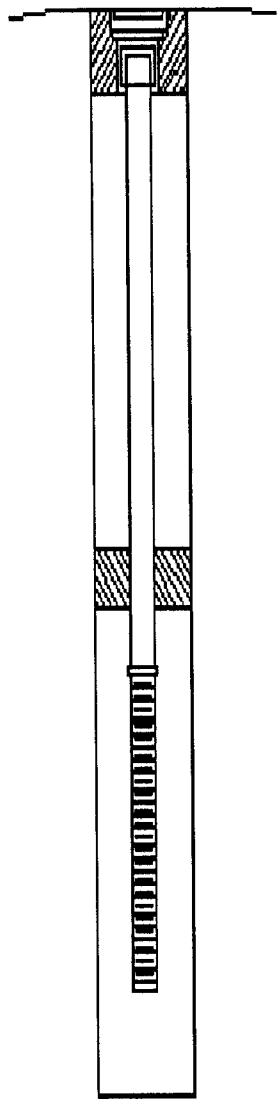
Depth to bottom of
Seal 2.6'

Depth to top of
Screen 3.2'

Depth to bottom of
Screen 13.5'

Depth to bottom of
Boring 17.5'

Method of Advance:
HSA X I.D. 6 1/4"
Casing I.D.
Tricone O.D.



BUMPER POST: PROTECTIVE COVER:
4"x4"x7' Wood Type flush mount
4"x7' Black Length
capped steel Lock # No 7 P286

NEAT CEMENT GROUT ABOVE SEAL:
Amount of material used (lb) 200
Proportions: bentonite cement 100%

RISER PIPE:
Type black iron
Diameter 2.0"
Total Length 3.0'
Sections used 3.0'
Couplings 1
Cap: Yes X No

SEAL MATERIAL bentonite pellets
Amount of material used (lb.) 30

FILTER MATERIAL silica sand
Amount of material used (lb) 700

SCREEN:
Type Wesco Stainless Steel
Slot Size 0.010"
Length 10'
Diameter 2.0"
Plug/Point plug

Remarks:

Completed by: LMW/mab



MONITORING WELL FIELD DATA SHEET

CLIENT Donald Realty PROJECT NUMBER E90-454/EG-885 LOCATION St. Paul, Minnesota
WELL NUMBER MW-2 WELL LOCATION See attached sketch. DATE OF INSTALLATION 6-25-90
CREW DRS B.M. LOCATION AND ELEV. ($\pm 0.01'$) Hydrant SW corner of White Bear Ave.
GEOLOGIST RAF and Iowa Ave.; Elevation = 937.24 feet.

Stick up above ground
(to 0.1') 2.7'
Top of riser pipe (w/o cap)
Elev. ($\pm 0.01'$) 937.27'

Ground Surface
Elev. ($\pm 0.1'$) 934.62'

Approximate water
level before
Installation --

Approximate depth to first
water encountered in
drilling --

Depth to top of
Seal 1.0'

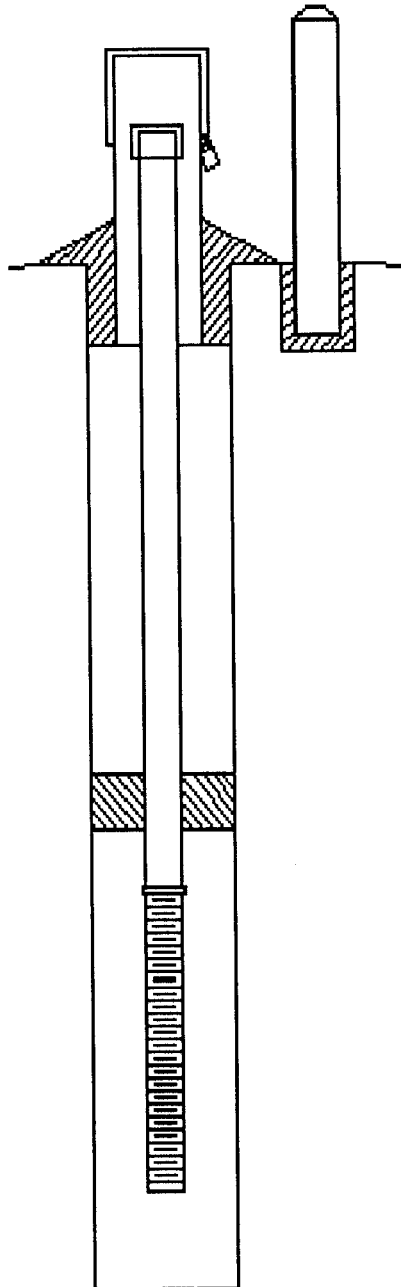
Depth to bottom of
Seal 2.0'

Depth to top of
Screen 2.5'

Depth to bottom of
Screen 12.5'

Depth to bottom of
Boring 17.0'

Method of Advance:
HSA I.D. 6 1/4"
Casing I.D.
Tricone O.D.



BUMPER POST: PROTECTIVE COVER:
4"x4"x7' Wood Type
4"x7' black Length 5'
capped steel 2 Lock # 2106

NEAT CEMENT GROUT ABOVE SEAL:
Amount of material used (lb) 200
Proportions: bentonite cement 100%

RISER PIPE:
Type black iron
Diameter 2.0"
Total Length 5.0'
Sections used 5
Couplings 1
Cap: Yes No

SEAL MATERIAL bentonite pellets
Amount of Material (lb) 35

FILTER MATERIAL silica sand
Amount of material used (lb) 600

SCREEN:
Type Wesco Stainless Steel
Slot Size 0.010"
Length 10.3'
Diameter 2.0"
Plug/Point plug

Remarks:

Completed by: LMW/mab



MN Unique
Well Number 510061
MONITORING WELL FIELD DATA SHEET

CLIENT Donald Realty PROJECT NUMBER E90-454/EG-885 LOCATION St. Paul, Minnesota
WELL NUMBER MW-3 WELL LOCATION See attached sketch. DATE OF INSTALLATION 6-25-90
CREW DRS B.M. LOCATION AND ELEV. ($\pm 0.01'$) Hydrant SW corner of White Bear Ave.
GEOLOGIST RAF and Iowa Ave.; Elevation = 937.24 feet.

Stick up above ground
(to 0.1') 2.5'
Top of riser pipe (w/o cap)
Elev. ($\pm 0.01'$) 936.10'

Ground Surface
Elev. ($\pm 0.1'$) 933.56'

Approximate water
level before
Installation --

Approximate depth to first
water encountered in
drilling 5.0'

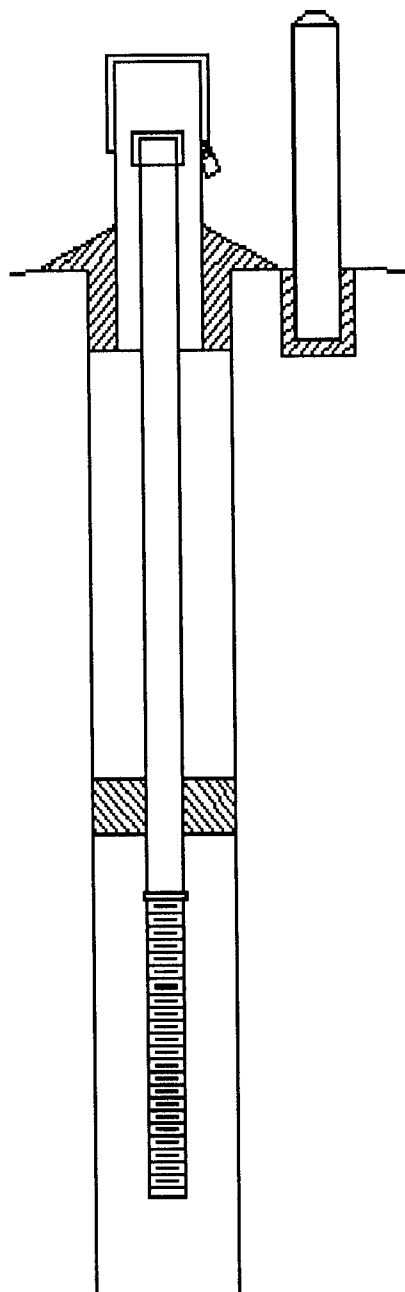
Depth to top of
Seal 1.0'

Depth to bottom of
Seal 2.0'

Depth to top of
Screen 2.5'

Depth to bottom of
Screen 12.5'

Depth to bottom of
Boring 15.0'



BUMPER POST: PROTECTIVE COVER:
4"x4"x7' Wood _____ Type _____
4"x7' black _____ Length 5'
capped steel 2 Lock # 2106

NEAT CEMENT GROUT ABOVE SEAL:
Amount of material used (lb) 200
Proportions: bentonite _____ cement 100%

RISER PIPE:
Type black iron
Diameter 2.0"
Total Length 5.0'
Sections used 5
Couplings 1
Cap: Yes X No _____

SEAL MATERIAL bentonite pellets
Amount of Material (lb) 30

FILTER MATERIAL silica sand
Amount of material used (lb) 600

SCREEN:
Type Wesco Stainless Steel
Slot Size 0.010"
Length 10.3'
Diameter 2.0"
Plug/Point plug

Remarks: _____

Completed by: LMW/mab

Method of Advance:
HSA X I.D. 6 1/4"
Casing _____ I.D. _____
Tricone _____ O.D. _____



WATER WELL RECORD

MINNESOTA UNIQUE WELL NO.

510059

Minnesota Statutes 156A.01-.08

for Water Sample

1. LOCATION OF WELL

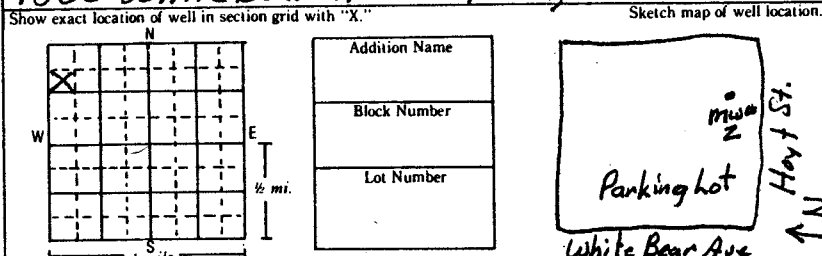
County Name Ramsey

Township Name St. Paul Township Number 29 Range Number 22 Section No. 23 Fraction SW 1/4 NW 1/4

4. WELL DEPTH (completed) 12.5' Date of Completion 6/25/90

Numerical Street Address and City of Well Location or Distance from Road Intersection. 1560 White Bear Ave. St. Paul, MN

5. DRILLING METHOD
Cable Tool Reverse Driven Dug
Hollow Rod Air Bored
Rotary Jetted Power Auger



6. DRILLING FLUID NOISE

2. PROPERTY OWNER'S NAME Don Halmen
Mailing Address if different than property address indicated above: Halmen's Bowling Center 1560 White Bear Ave St. Paul, MN.

7. USE
Domestic Monitoring Heat Pump
Irrigation Public Industry
Test Well Municipal Commercial
Air Conditioning

3. FORMATION LOG COLOR HARDNESS OF FORMATION FROM TO

8. CASING
Black Threaded HEIGHT: Above Below
Galv. Welded Surface 2.5' ft.
Plastic Drive Shoe? Yes No
2 in. to 2.5 ft. Weight lbs./ft. 16 in. to ft.
in. to ft. Weight lbs./ft. in. to ft.
in. to ft. Weight lbs./ft. in. to ft.

Table with 5 columns: FORMATION LOG, COLOR, HARDNESS OF FORMATION, FROM, TO. Rows include clayey sand, Coal ash, clayey sand, Lean clay.

9. SCREEN
Make Wesco Or open hole
Type Stainless Steel Diam. 2.0"
Slot/Gauze .01 Length 100'
Set between 3.5' ft. and 12.5' ft. FITTINGS:

10. STATIC WATER LEVEL 8.13 ft. below land surface Date Measured 6/25/90

11. PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.
ft. after hrs. pumping g.p.m.

12. HEAD WELL COMPLETION
Pitless adapter manufacturer N/A Model
Basement offset At least 12" above ground
Plastic casing protection

13. WELL GROUTED? Yes No
Neat Cement Bentonite
Grout material Portland from 2.5' to surface ft. cu. yds. 06

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION
75 feet NW direction Petroleum type
Well disinfected upon completion? Yes No

15. PUMP
Date installed Not installed
Manufacturer's name
Model number HP Volts
Length of drop pipe ft. Capacity g.p.m.
Material of drop pipe
Type: Submersible L.S. Turbine Reciprocating
Jet Centrifugal

16. ABANDONED WELLS
Unused well on property? Yes No
Sealed Permanent Temporary Not sealed

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.
EG-885
Top of inside casing = 937.27
Ground surface = 934.6

18. WATER WELL CONTRACTOR CERTIFICATION
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Braun Environmental License No. 0077
Address 6800 South TH-169 Eden Prairie, MN
Signed Dan Smith Authorized Representative Date 7/10/90

IMPORTANT: FILE WITH DEED, WELL OWNER COPY 010059

WATER WELL RECORD
Minnesota Statutes 156A.01-.08

MINNESOTA UNIQUE WELL NO.
for Water Sample

510060

I. LOCATION OF WELL

County Name Ramsey

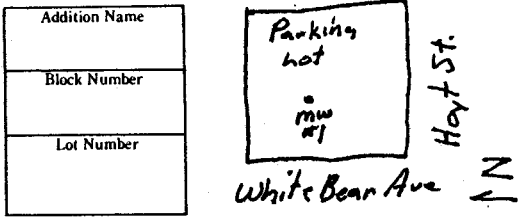
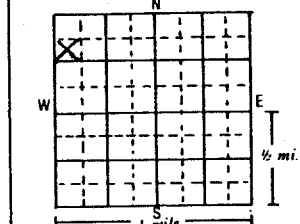
Township Name St. Paul Township Number 29 Range Number 22 Section No. 23 Fraction SW 1/4 NW 1/4

4. WELL DEPTH (completed) 13.0 ft. Date of Completion 6/22/90

Numerical Street Address and City of Well Location or Distance from Road Intersection.

1560 White Bear Ave St. Paul MN.

Show exact location of well in section grid with "X". Sketch map of well location.



5. DRILLING METHOD
 Cable Tool Reverse Driven Dug
 Hollow Rod Air Bored
 Rotary Jetted Power Auger

6. DRILLING FLUID None

7. USE
 Domestic Monitoring Heat Pump
 Irrigation Public Industry
 Test Well Municipal Commercial
 Air Conditioning

2. PROPERTY OWNER'S NAME
Hafner's Bowling Center
1560 White Bear Ave
St. Paul, MN.

Mailing Address if different than property address indicated above.
Don Hafner

3. FORMATION LOG	COLOR	HARDNESS OF FORMATION	FROM	TO
<u>Silty sand</u>	<u>red brown</u>	<u>med</u>	<u>.5'</u>	<u>5.0'</u>
<u>clayey sand</u>	<u>red brown</u>	<u>very loose</u>	<u>5.0'</u>	<u>9.0'</u>
<u>lean clay</u>	<u>gray green</u>	<u>med</u>	<u>9.0'</u>	<u>13.0'</u>
<u>lean clay with sand</u>	<u>tan</u>	<u>med</u>	<u>13.0'</u>	<u>16.5'</u>

8. CASING
 Black Threaded Galv. Welded Plastic
 HEIGHT: Above Below 2 ft. Surface
 Drive Shoe? Yes No
3.0 in. to 3.0 ft. Weight lbs./ft. 6 in. to ft.
 in. to ft. Weight lbs./ft. in. to ft.
 in. to ft. Weight lbs./ft. in. to ft.

9. SCREEN
 Make Wesco Or open hole from ft. to ft.
 Type Stainless Steel Diam. 2"
 Slot/Gauze .01 Length 10'
 Set between 3 ft. and 13 ft. FITTINGS:

10. STATIC WATER LEVEL
3.4 ft. below above land surface Date Measured 6/25/90

11. PUMPING LEVEL (below land surface) N/A
 ft. after hrs. pumping g.p.m.
 ft. after hrs. pumping g.p.m.

12. HEAD WELL COMPLETION N/A
 Pitless adapter manufacturer Model
 Basement offset At least 12" above ground
 Plastic casing protection

13. WELL GROUTED? Yes No
 Neat Cement Bentonite
 Grout material Portland from 30' to .5 ft. cu. yds. .06

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION
10 feet North direction Petroleum type
 Well disinfected upon completion? Yes No

15. PUMP
 Date installed Not installed
 Manufacturer's name
 Model number HP Volts
 Length of drop pipe ft. Capacity g.p.m.
 Material of drop pipe
 Type: Submersible L.S. Turbine Reciprocating
 Jet Centrifugal

16. ABANDONED WELLS
 Unused well on property? Yes No
 Sealed Permanent Temporary Not sealed

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.

EG-885
~~XXXXXXXXXXXXXXXXXXXX~~
Top of inside casing = 932.54
Ground surface = 932.7
Flush Mount

18. WATER WELL CONTRACTOR CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Braun Environmental License No. 0077
 Address: 6800 South TH-169 Eden Prairie, MN
 Signed: Dan Smith Authorized Representative Date: 7/10/90
 Date: 7/10/90
 Name of Driller Dan Smith

WATER WELL RECORD

MINNESOTA UNIQUE WELL NO.

510061

1. LOCATION OF WELL

County Name Ramsey

Township Name St Paul Township Number 29 Range Number 22 Section No. 23 Fraction SW 1/4 NW 1/4 NW 1/4

4. WELL DEPTH (completed) 12.5 ft. Date of Completion 6/25/90

Numerical Street Address and City of Well Location or Distance from Road Intersection. 1560 White Bear Ave St. Paul MN

Show exact location of well in section grid with "X." Sketch map of well location.

Addition Name
Block Number
Lot Number

mw #3
Parking lot
White Bear Ave
Hart St.

5. DRILLING METHOD
 Cable Tool Reverse Driven Dug
 Hollow Rod Air Bored
 Rotary Jetted Power Auger

6. DRILLING FLUID None

7. USE
 Domestic Monitoring Heat Pump
 Irrigation Public Industry
 Test Well Municipal Commercial
 Air Conditioning

2. PROPERTY OWNER'S NAME
Don Hafners

Mailing Address if different than property address indicated above. Hafners Bowling Center 1560 White Bear Ave St. Paul, MN.

8. CASING
 Black Threaded HEIGHT: Above/Below Surface 2.5 ft.
 Galv. Welded Drive Shoe? Yes No
 Plastic
 2 in. to 2.5 ft. Weight lbs./ft. 10 in. to ft.
 in. to ft. Weight lbs./ft. in. to ft.
 in. to ft. Weight lbs./ft. in. to ft.

3. FORMATION LOG COLOR HARDNESS OF FORMATION FROM TO

Lean clay redbrown med .5' 70'

Clayey sand redbrown loose 70' 15.5'

9. SCREEN
 Make Wesco Or open hole from ft. to ft.
 Type Stainless Steel Diam. 2.011
 Slot/Gauze .01 Length 10.0'
 Set between 2.5 ft. and 4.5 ft. FITTINGS:

10. STATIC WATER LEVEL 11.90' ft. below/above land surface Date Measured 6/25/90

11. PUMPING LEVEL (below land surface)
 ft. after hrs. pumping g.p.m.
 ft. after hrs. pumping g.p.m.

12. HEAD WELL COMPLETION
 Pitless adapter manufacturer N/A Model
 Basement offset At least 12" above ground
 Plastic casing protection

13. WELL GROUTED? Yes No
 Neat Cement Bentonite
 Grout material Portland from 2.5 to surface ft. cu. yds. .06

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION
 50 feet west direction Petroleum type
 Well disinfected upon completion? Yes No

15. PUMP
 Date installed Not installed
 Manufacturer's name
 Model number HP Volts
 Length of drop pipe ft. Capacity g.p.m.
 Material of drop pipe
 Type: Submersible L.S. Turbine Reciprocating
 Jet Centrifugal

16. ABANDONED WELLS
 Unused well on property? Yes No
 Sealed Permanent Temporary Not sealed

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.

EG-885
~~XXXXXXXXXXXXXXXXXXXX~~
 Top of inside casing = 936.10
 Ground surface = 933.6

18. WATER WELL CONTRACTOR CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
 Braun Environmental License No. 0077
 Address 6820 South TH-169 Eden Prairie, MN
 Signed Dan Smith Date 7/10/90
 Authorized Representative Date 7/10/90
 Name of Driller

IMPORTANT: FILE WITH DEED - WELL OWNER COPY 010061



MONITORING WELL PERMIT
MINNESOTA DEPARTMENT OF HEALTH
WELL MANAGEMENT UNIT

DATE OF APPLICATION: June 20, 1990
DATE ISSUED: June 20, 1990

PERMIT NUMBER: 855
UNIQUE WELL NUMBER(S): 510059
510060
510061

In the matter of the application of Braun Environmental Laboratories, Inc., for a permit to construct three (3) monitoring wells located at 1560 White Bear Avenue, St. Paul, Ramsey County, Minnesota.

Pursuant to Minnesota Statutes, Chapter 103I, and on the basis of statements and information contained in the permit application and supporting materials, permission is hereby granted, to Braun Environmental Laboratories, Inc., to construct three (3) groundwater monitoring wells located on property described as 1560 White Bear Avenue, St. Paul, Ramsey County, Minnesota.

GENERAL PROVISIONS

1. This permit shall not release the permittee from any liability or obligation imposed by State law or local ordinances relating thereto and shall remain in force subject to all conditions and limitations now or hereafter imposed by law.
2. No changes shall be made in construction materials, construction procedures, or well location specified in submitted documents without permission previously obtained from the Commissioner of Health.
3. The permittee shall allow inspection by the Minnesota Department of Health (MDH) during well construction.
4. No liability shall be imposed upon or incurred by the State of Minnesota or any of its officers, agents, or employees, officially or personally, on account of the granting hereof or on account of any damage to any person or property resulting from any act or omission of the permittee or any of its agents, employees, or contractors relating to any matter hereunder. This permit shall not be construed as estopping or limiting any legal claims or right of action of any person other than the State against the permittee, its agents, employees, or contractors for violation of, or failure to comply with the provisions of the permit or applicable provisions of the law.
5. Wells shall be constructed, maintained and abandoned in accordance with the requirements of the Minnesota Water Well Construction Code.

Appendix E

ORGANIC VAPOR FIELD DATA SHEET

Boring ID: MW #1 Project No: E90 - 454/ EG - 885 Date: 6/22/90 (Friday)

Weather: 65°F, sunny - partly cloudy, 10 mph west wind Auger Steam Cleaned? Y N

Sampler Cleaned Between Samples? Y N Method: TSP solution, fresh water rinse

Detector: OVA HNU 10.2eV 11.7eV Calibration gas/date: 6/22/90 25 ppm benzene

Depth (feet)	Auger (ppm)	SS (ppm)	Head Space (ppm)	Notes/Geology
.5		5	195	SM brown with strong petroleum odor
2.0		3	160	SM brown, moderate petroleum odor
3.5		13	210	SM brown to brown - grey, moderate odor wet
5.0		8	152	SM - SC brown, moderate odor, wet - water bearing
10.0		2	63	At 9' Cl gray - green, slight odor with organic matter
15.0		.5	132	At 13' SC brown with 1" SM brown, seams water bearing with organic matter.

ORGANIC VAPOR FIELD DATA SHEET

Boring ID: MW #3 Project No: E90 - 454/ EG - 885 Date: 6/25/90

Weather: 75°F, sunny, 5 mph south wind Auger Steam Cleaned? Y N

Sampler Cleaned Between Samples? Y N Method: TSP solution, fresh water rinse

Detector: OVA HNU 10.2eV 11.7eV Calibration gas/date: 6/25/90, 25 ppm benzene

Depth (feet)	Auger (ppm)	SS (ppm)	Head Space (ppm)	Notes/Geology
.5		0	0	
2.0		0	0	
3.5		0	1.5	From surface to 10' soil is SC - brown to
5.0		3.5	5.5	redbrown with strong petroleum odor at 10'
10.0		2.5	110	below 10' soil is SC - CL brown to red-
15.0		6.5	22	brown 10'



ORGANIC VAPOR FIELD DATA SHEET

Boring ID: MW #2 Project No: E90 - 454/ EG - 885 Date: 6/25/90 (Monday)

Weather: 75°F, sunny, 5-15 mph south wind Auger Steam Cleaned? Y N

Sampler Cleaned Between Samples? Y N Method: TSP solution, fresh water rinse

Detector: OVA HNU 10.2eV 11.7eV Calibration gas/date: 6/25/90, 25 ppm benzene

Depth (feet)	Auger (ppm)	SS (ppm)	Head Space (ppm)	Notes/Geology
<u>.5</u>	<u></u>	<u>1</u>	<u>2</u>	<u>SM brown with aggregate (fill)</u>
<u>2.0</u>	<u></u>	<u>0</u>	<u>.5</u>	<u>SC - CL brown - grey, moist</u>
<u>3.5</u>	<u></u>	<u>0</u>	<u>0</u>	<u>Ash and cinder material</u>
<u>5.0</u>	<u></u>	<u>0</u>	<u>0</u>	<u>SC - CL brown to redbrown, wet- water bearing</u>
<u>10.0</u>	<u></u>	<u>5.5</u>	<u>45</u>	<u>SC - CL/ sand grey - brown, wet- water bearing, slight petroleum odor.</u>
<u>15.0</u>	<u></u>	<u>.5</u>	<u>5</u>	<u>CL brown - grey, wet to water bearing, slight petroleum odor.</u>

ORGANIC VAPOR FIELD DATA SHEET

Boring ID: ST #1 Project No: E90 - 454/ EG - 885 Date: 6/25/90

Weather: 75°F, sunny, 15 mph south wind Auger Steam Cleaned? Y N

Sampler Cleaned Between Samples? Y N Method: TSP solution, fresh water rinse

Detector: OVA HNU 10.2eV 11.7eV Calibration gas/date: 6/25/90, 25 ppm benzene

Depth (feet)	Auger (ppm)	SS (ppm)	Head Space (ppm)	Notes/Geology
<u>.5(2.0)</u>	<u></u>	<u>2.0</u>	<u>35</u>	<u>SC - SM black, slight petroleum odor</u>
<u>2.0(3.5)</u>	<u></u>	<u>3.0</u>	<u>23</u>	<u>SC brown to redbrown, moist/ petroleum odor</u>
<u>3.5(5.0)</u>	<u></u>	<u>3.0</u>	<u>150</u>	<u>*CL-/sand redbrown / petroleum odor, wet to water bearing (sample collected).</u>
<u>7.5(9.0)</u>	<u></u>	<u>7.5</u>	<u>122</u>	<u>SC - CL redbrown, moderate petroleum odor water bearing</u>
<u>10.0(11.5)</u>	<u></u>	<u>1.0</u>	<u>31</u>	<u>CL at 9', grey - black, with organic matter; numerous fresh water gastropods.</u>

NOTE: This boring is located 20'N and 30'W of TCF boring.
Boring backed, filled with bentonite, and capped with asphalt patch.



ORGANIC VAPOR FIELD DATA SHEET

Boring ID: ST #2 Project No: E90 - 454/ EG - 885 Date: 6/25/90

Weather: 75-80° F, sunny - partly cloudy, 15 mph south wind Auger Steam Cleaned? Y N

Sampler Cleaned Between Samples? Y N Method: TSP solution, fresh water rinse

Detector: OVA HNU 10.2eV 11.7eV Calibration gas/date: 6/25/90, 25 ppm benzene

Depth (feet)	Auger (ppm)	SS (ppm)	Head Space (ppm)	Notes/Geology
<u>.5</u>	<u> </u>	<u>1.0</u>	<u>4.5</u>	<u>SM redbrown, moist</u>
<u>2.0</u>	<u> </u>	<u>.5</u>	<u>1.0</u>	<u>SC redbrown, fgr, moist</u>
<u>3.5</u>	<u> </u>	<u>1.0</u>	<u>6.0</u>	<u>SC - SM redbrown, fgr, wet - water bearing</u>
<u>7.5</u>	<u> </u>	<u>0</u>	<u>1.0</u>	<u>SC redbrown, fgr, wet to water bearing</u>
<u>10.0</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>SC - CL redbrown, fgr, water bearing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

ORGANIC VAPOR FIELD DATA SHEET

Boring ID: _____ Project No: _____ Date: _____

Weather: _____ Auger Steam Cleaned? Y N

Sampler Cleaned Between Samples? Y N Method: _____

Detector: OVA HNU 10.2eV 11.7eV Calibration gas/date: _____

Depth (feet)	Auger (ppm)	SS (ppm)	Head Space (ppm)	Notes/Geology
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



Appendix F



Quality Services Since 1957

ENVIRONMENTAL TESTING AND CONSULTING SERVICES

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Roger V. Blomquist, Ph.D.
Paul R. Book, CPG
J.S. Braun, P.E.
C.G. Kruse, P.E.
Anne L. Ochs
Gregory G. Olson

AFFILIATED COMPANIES
Braun Engineering
Testing
Braun Pavement
Technologies, Inc.

July 11, 1990

(612) 941-5600

Donald Realty
Attn: Mr. Donald Hafner
1560 White Bear Avenue
St. Paul, MN 55106

Project #: E90-454/EG-885/
10582

Dear Mr. Hafner,

Braun Environmental Laboratories, Inc. is pleased to provide our report for the analyses you requested. Data for the following sample(s) are enclosed:

Your I.D. Number/Description

Work Requested

Soil Samples

Organic and Lead Analyses

All samples were analyzed according to EPA or other standard methods. Any anomalies which were encountered in the analyses are referenced on the laboratory report. Method references and quality control information are available upon request.

If you have any questions or need additional information regarding this report or other Braun Environmental Laboratories services please contact us.

Very truly yours,

BRAUN ENVIRONMENTAL LABORATORIES, INC.

Linda C. Crawford
Organic Supervisor

Anne L. Ochs
Laboratory Manager

LCC/ALO:cag

Attachment

07/11/90

LABORATORY REPORT NO: 10582

PAGE 1 of 1

Donald Realty

1560 White Bear Ave.
St. Paul MN 55106

PROJECT: EG-885
COLLECTED: Braun
RECEIVED: 06/26/90
SAMPLE MATRIX: Soil

06/25/90

PARAMETER	--UNITS--	BRAUN I.D.: 10582-01	10582-02
		CLIENT I.D.: ST #1 3.5-5.0'	ST #2 3.5-5.0'
Methyl Tertiary Butyl Ether	mg/Kg	<1.0	<1.0
Benzene	mg/Kg	560	<0.3
Toluene	mg/Kg	56	<0.3
Ethyl Benzene	mg/Kg	53	<0.3
Xylenes, Total	mg/Kg	210	<0.3
Total Hydrocarbons as Gasoline	mg/Kg	3100	1.1
Total Hydrocarbons as Fuel Oil	mg/Kg	b	b
Lead, Total	mg/Kg	<2.5	<2.5

*****FOOTNOTES*****

b = Total Hydrocarbons calculated as gasoline.

< = less than: compound not detected at or above indicated detection limit
- = Analysis not requested

All quality control checks were within acceptable limits.
Reviewed by: UFO



07/11/90

Page 1 of 1

ADDENDUM: 10582

Parameter

Date Analyzed

BETX, THCs
Lead, Total

07/03/90
07/05/90



Braun Environmental Laboratories, Inc.
 6885 Washington Avenue South
 Edina, MN 55435
 (612) 941-5600



CHAIN OF CUSTODY RECORD

Site location:

Client Name, Address, Phone <i>Hafners Bowling Center 1560 White Bear Ave St. Paul, MN</i>			Verbal Results To:				Type/# of Containers							Samples Returned To:		
Report to: <i>Dan Hafner</i>			Copy of Report To: <i>Donald Realty 1560 White Bear Ave St Paul, MN 55106 Donald Hafner</i>				V O A	G E N E R A L	M E A S U R E M E N T S	N U T R I E N T S	P E S T I C I D E S	C H L O R I D E S	O T H E R	Samples Retained By:		
Samplers: <i>RAF</i>			Project Manager: <i>Laura Wittman Meyer</i>													
Project #/Department # <i>E6-885</i>			Collection Date											Sample Matrix		
Log-In #	Sample #	Sample Description	Date	Time	Air	Liq.	Sol.									
<i>10582</i>	<i>-1</i>	<i>ST#1 3.5-5.0'</i>	<i>6/25/90</i>	<i>2:45</i>			<i>X</i>	<i>3</i>						<i>BETX, THC, VOCs' Pb, MTBE</i>	<i>see signature</i>	
	<i>-2</i>	<i>ST# 2 3.5-5.0'</i>	<i>6/25/90</i>				<i>X</i>	<i>3</i>					<i>BETX, THC, VOCs' Pb, MTBE</i>			
Relinquished By: <i>[Signature]</i>			Date	Time	Received By:			Relinquished By:			Date	Time	Received By:			
Relinquished By:			Date	Time	Received By:			Relinquished By:			Date	Time	Received By:			
Relinquished By:			Date	Time	Received For Laboratory By: <i>[Signature]</i>			Date	Time	Comments: <i>copy vpg</i>						

White Copy - Client

Yellow Copy - Laboratory

Pink Copy - Originating Department

F:CHAIN



Quality Services Since 1957

ENVIRONMENTAL TESTING AND CONSULTING SERVICES

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J.S. Braun, P.E.
C.G. Kruse, P.E.
Anne L. Ochs
Gregory G. Olson

AFFILIATED COMPANIES
Braun Engineering
Testing
Braun Pavement
Technologies, Inc.

July 31, 1990

(612) 941-5600

Donald Realty
Attn: Mr. Donald Hafner
1560 White Bear Avenue
St. Paul, MN 55106

Project #: E90-454/EG-885/
10598

Dear Mr. Hafner,

Braun Environmental Laboratories, Inc. is pleased to provide our report for the analyses you requested. Data for the following sample(s) are enclosed:

Your I.D. Number/Description

Work Requested

Aqueous Samples

Organic and Lead Analyses

All samples were analyzed according to EPA or other standard methods. Any anomalies which were encountered in the analyses are referenced on the laboratory report. Method references and quality control information are available upon request.

If you have any questions or need additional information regarding this report or other Braun Environmental Laboratories services please contact us.

Very truly yours,

BRAUN ENVIRONMENTAL LABORATORIES, INC.

Linda C. Crawford
Organic Supervisor

Anne L. Ochs
Laboratory Manager

LCC/ALO:krf

Attachment

07/31/90

LABORATORY REPORT NO: 10598

PAGE 1 of 2

Donald Realty

1560 White Bear Ave.
St. Paul MN 55106PROJECT: EG-885
COLLECTED: Braun
RECEIVED: 06/27/90
SAMPLE MATRIX: Aqueous

06-26-90

PARAMETER	BRAUN I.D.: CLIENT I.D.:	10598-01	10598-02	10598-03	10598-04
		MW-1	MW-2	MW-3	Field Blank
--UNITS--					
Chloromethane	ug/L	<50	<50	<50	<5.0
Bromomethane	ug/L	<50	<50	<50	<5.0
Vinyl Chloride	ug/L	<10	<10	<10	<1.0
Dichlorodifluoromethane	ug/L	<50	<50	<50	<5.0
Chloroethane	ug/L	<10	<10	<10	<1.0
Dichlorofluoromethane	ug/L	<50	<50	<50	<5.0
Methylene Chloride	ug/L	<50	<50	<50	<5.0
Trichlorofluoromethane	ug/L	<10	<10	<10	<1.0
1,1-Dichloroethylene	ug/L	<10	<10	<10	<1.0
Allyl Chloride (3-Chloropropene)	ug/L	<10	<10	<10	<1.0
1,1-Dichloroethane	ug/L	<10	<10	<10	<1.0
1,2-Dichloroethylene (cis & trans)	ug/L	<2.0	<2.0	<2.0	<0.2
Chloroform	ug/L	<15	<15	<15	<1.5
1,1,2-Trichlorotrifluoroethane	ug/L	<50	<50	<50	<5.0
1,2-Dichloroethane	ug/L	13	3.1	13	<0.3
Dibromomethane	ug/L	<50	<50	<50	<5.0
1,1,1-Trichloroethane	ug/L	<20	<20	<20	<2.0
Carbon Tetrachloride	ug/L	<16	<16	<16	<1.6
Bromodichloromethane	ug/L	<3.0	<3.0	<3.0	<0.3
2,3-Dichloro-1-propene	ug/L	<2.0	<2.0	<2.0	<0.2
Dichloroacetonitrile	ug/L	<3.0	<3.0	<3.0	<0.3
1,1-Dichloro-1-propene	ug/L	<5.0	<5.0	<5.0	<0.5
1,2-Dichloropropane	ug/L	<10	<10	<10	<1.0
1,3-Dichloro-1-propene (trans)	ug/L	<2.0	<2.0	<2.0	<0.2
1,1,2-Trichloroethylene	ug/L	<2.0	<2.0	<2.0	<0.2
1,3-Dichloropropane	ug/L	<10	<10	<10	<1.0
1,1,2-Trichloroethane	ug/L	<12	<12	<12	<1.2
Chlorodibromomethane	ug/L	<25	<25	<25	<2.5
1,3-Dichloro-1-propene (cis)	ug/L	<5.0	<5.0	<5.0	<0.5
1,2-Dibromoethane	ug/L	<2.0	<2.0	<2.0	<0.2

< = less than: compound not detected at or above indicated detection limit
 - = Analysis not requested

All quality control checks were within acceptable limits.
 Reviewed by: VPO



	BRAUN I.D.:	10598-01	10598-02	10598-03	10598-04
	CLIENT I.D.:	MW-1	MW-2	MW-3	Field Blank
PARAMETER	--UNITS--	-----	-----	-----	-----
2-Chloroethyl Vinyl Ether	ug/L	<50	<50	<50	<5.0
Bromoform	ug/L	<5.0	<5.0	<5.0	<0.5
1,1,1,2-Tetrachloroethane	ug/L	<5.0	<5.0	<5.0	<0.5
Pentachloroethane	ug/L	<10	<10	<10	<1.0
Tetrachloroethylene	ug/L	<10	<10	<10	<1.0
1,1,2,2-Tetrachloroethane	ug/L	<12	<12	<12	<1.2
1,2,3-Trichloropropane	ug/L	<10	<10	<10	<1.0
Chlorobenzene	ug/L	<10	<10	<10	<1.0
1,3-Dichlorobenzene	ug/L	<15	<15	<15	<1.5
1,2-Dichlorobenzene	ug/L	<2.0	<2.0	<2.0	<0.2
1,4-Dichlorobenzene	ug/L	<2.0	<2.0	<2.0	<0.2
Acetone	ug/L	<500	<500	<500	<50
Tetrahydrofuran	ug/L	<50	<50	<50	<5.0
Ethyl Ether	ug/L	770	440	1600	<1.0
Methyl Ethyl Ketone	ug/L	<50	<50	<50	<5.0
Methyl Isobutyl Ketone	ug/L	<50	<50	<50	<5.0
Cumene	ug/L	190	<30	<30	<3.0
Methyl Tertiary Butyl Ether	ug/L	<10	<10	<10	<1.0
Benzene	ug/L	9400	3100	12000	<1.0
Toluene	ug/L	40000	1000	21000	<1.0
Ethyl Benzene	ug/L	2100	32	1400	<1.0
Xylenes, Total	ug/L	16000	2500	15000	<1.0
Total Hydrocarbons as Gasoline	ug/L	100000	26000	81000	<100
Total Hydrocarbons as Fuel Oil	ug/L	b	b	b	<500
Lead, Dissolved	ug/L	14	<2	10	-

*****FOOTNOTES*****

b = Total Hydrocarbons calculated as gasoline.

NOTE: The detection limits for volatile organics for MW-1, MW-2 and MW-3 (Braun ID 10598-01, 10598-02 and 10598-03 respectively) were raised. A dilution of the samples was necessary due to high levels of some of the compounds present in the samples.

< = less than: compound not detected at or above indicated detection limit
 - = Analysis not requested

All quality control checks were within acceptable limits.
 Reviewed by:

BRAUNTM

07/31/90

Page 1 of 1

ADDENDUM: 10598

Parameter

Date Analyzed

VOCs
THCs
MTBE
Lead, Total

07/06/90
07/06/90
07/06/90
07/13/90



Braun Environmental Laboratories, Inc.
 6885 Washington Avenue South
 Edina, MN 55435
 (612) 941-5600



CHAIN OF CUSTODY RECORD

Client Name, Address, Phone <i>Klafners Bowling Center 1560 White Bear Ave St. Paul, MN</i>			Verbal Results To:				Type/# of Containers							Samples Returned To:		
Report to: <i>Don Klafner</i>			Copy of Report To:				V O A	G E N E R A L	M E A S U R E M E N T S	N U T R I E N T S	P E S T I C I D E	C H A R T E R T U B E	O T H E R	Samples Retained By:		
Samplers: <i>RAF</i>			Project Manager: <i>Laura Withman Meyer</i>				Filtered									
Project #/Department # <i>EG-885</i>																
Log-In #	Sample #	Sample Description	Collection Date	Time	Air	Liq.	Sol.									
<i>10598</i>	<i>-1</i>	<i>MW #1</i>	<i>6/26/90</i>	<i>1:50</i> <i>1:50</i>		<i>X</i>		<i>7</i>							<i>VOC, THC, MTBE</i>	
	<i>-2</i>	<i>MW #2</i>	<i>6/26/90</i>	<i>3:37</i>		<i>X</i>		<i>7</i>							<i>VOC, THC, MTBE</i>	
	<i>-3</i>	<i>MW #3</i>	<i>6/26/90</i>	<i>12:50</i>		<i>X</i>		<i>7</i>							<i>VOC, THC, MTBE</i>	
	<i>mw #5</i>	<i>Trip Blank</i>	<i>6/26/90</i>	<i>8:40</i>		<i>X</i>		<i>4</i>							<i>VOC, THC, MTBE</i>	
	<i>mw #4</i>	<i>Field Blank</i>	<i>6/26/90</i>	<i>12:50</i>		<i>X</i>		<i>3</i>							<i>VOC, THC, MTBE</i>	
	<i>mw #1</i>	<i>MW #1</i>	<i>6/26/90</i>	<i>1:50</i>		<i>X</i>		<i>1</i>	<i>1</i>						<i>Pb (furnace)</i>	
	<i>mw #2</i>	<i>MW #2</i>	<i>6/26/90</i>	<i>3:37</i>		<i>X</i>		<i>1</i>	<i>1</i>						<i>Pb</i>	
	<i>mw #3</i>	<i>MW #3</i>	<i>6/26/90</i>	<i>12:50</i>		<i>X</i>		<i>1</i>	<i>1</i>						<i>Pb</i>	
Relinquished By: <i>Robert John</i>			Date: <i>1/27/90</i>	Time: <i>8:45</i>	Received By:			Relinquished By:			Date:	Time:	Received By:			
Relinquished By:			Date:	Time:	Received By:			Relinquished By:			Date:	Time:	Received By:			
Relinquished By:			Date:	Time:	Received For Laboratory By: <i>Pam Lopez</i>			Date: <i>4/27/90</i>	Time: <i>8:50</i>	Comments:						

White Copy - Client


Yellow Copy - Laboratory

Pink Copy - Originating Department


F:CHAIN

Appendix K
Site Photographs



Photograph #1	Former Hafner's Bowl Site	B2105938
Date:	July 15, 2021	
Location:	Northeast Site corner facing southwest.	
Subject:	General conditions,	



Photograph #2	Former Hafner's Bowl Site	B2105938
Date:	July 15, 2021	
Location:	West-central side of Site facing northeast.	
Subject:	General conditions.	



Photograph #3	Former Hafner's Bowl Site	B2105938
Date:	July 15, 2021	BRAUN INTERTEC
Location:	Northeast Site corner facing south.	
Subject:	General conditions.	



Photograph #4	Former Hafner's Bowl Site	B2105938
Date:	July 15, 2021	BRAUN INTERTEC
Location:	East-central side of Site facing northwest.	
Subject:	General conditions.	

Appendix L

References

Additional information referenced in this report is included in these appendices.

Agricultural Interactive Mapping, *Minnesota Department of Agriculture What's In My Neighborhood*, www.mda.state.mn.us/chemicals/spills/incidentresponse (July 15, 2021).

ASTM Standard E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM International, West Conshohocken, PA., 2013. DOI: 10.1520/E1527-13, www.astm.org.

Environmental Protection Agency 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries, Final Rule, Vol. 70, No. 210, Tuesday, November 1, 2005, Rules and Regulations.

Kanivetsky, R., and Cleland, J. M., "Surficial Hydrogeology." *Geologic Atlas - Ramsey County, Minnesota*, County Atlas Series, Atlas C-7, Plate 6, Scale 1:48,000, Meyer, G. N.; and Swanson, L., eds., University of Minnesota - Minnesota Geological Survey, 1992a.

Minnesota County Well Index, n.d., <http://www.health.state.mn.us/divs/eh/cwi/> (July 15, 2021).

Minnesota Pollution Control Agency's What's In My Neighborhood, n.d., <http://pca-gis02.pca.state.mn.us/wimn2/index.html> (July 20, 2021).

Mossler, J. H., and Bloomgren, B. A., "Bedrock Geology." *Geologic Atlas - Ramsey County, Minnesota*, County Atlas Series, Atlas C-7, Plate 2, Scale 1:48,000, Meyer, G. N.; and Swanson, L., eds., University of Minnesota - Minnesota Geological Survey, 1992.

Mossler, J. H., and Cleland, J. M., "Depth to Bedrock Map." *Geologic Atlas - Ramsey County, Minnesota*, County Atlas Series, Atlas C-7, Plate 5, Scale 1:48,000, Meyer, G. N.; and Swanson, L., eds., University of Minnesota - Minnesota Geological Survey, 1992.

Patterson, C. J., "Surficial Geology." *Geologic Atlas - Ramsey County, Minnesota*, County Atlas Series, Atlas C-7, Plate 3, Scale 1:48,000, Meyer, G. N.; and Swanson, L., eds., University of Minnesota - Minnesota Geological Survey, 1992.

Ramsey County GIS Mapping, n.d., <http://maps.metro-inet.us/RamseyCoGIS/CXviewer.htm>.

Appendix M

Resumes

EDUCATION

B.S., Geology,
Bemidji State University

PROFESSIONAL AFFILIATIONS

Professional Geologist:
MN No. 30533

CERTIFICATIONS

Certified Hazardous Materials Manager
(CHMM)

OSHA 40-Hour Hazardous Waste Operations
Certification (29 CFR 1910.120)

Minnesota Department of Health:
Asbestos Inspector
Lead Risk Assessor

NIOSH 582 Sampling and Evaluation of
Airborne Asbestos

Microscopical Identification of Asbestos,
McCrone Research Institute, Chicago, Illinois

Niton X-Ray Fluorescence Analyzer
Certification

Mr. Erickson is an environmental professional with more than 25 years of environmental consulting experience. Matt has completed a wide variety of Phase I and Phase II Environmental Site Assessments (ESA), asbestos and lead-based paint surveys, indoor air quality investigations, and on-site project management of asbestos abatement projects. His other areas of experience include laboratory analysis of asbestos and industrial hygiene monitoring for asbestos. He has conducted property transfer assessments in most U.S. states, as well as Canada and has a broad knowledge of environmental regulations and understanding of risks associated with environmental conditions of properties and buildings. Due to his review of various reports from a broad geographic area and various consultants, his knowledge includes familiarity with a wide range of remediation techniques for soil, groundwater and vapor intrusion.

PROJECT EXPERIENCE

- *Southwest Light Rail Transit Corrido (SWLRT), Minneapolis to Eden Prairie, MN** — Matt was one of the Senior Environmental Professionals assigned to the project, and conducted numerous Minnesota Pollution Control Agency (MPCA) file reviews for sites of potential concern along the proposed SWLRT route.
- *Lawson Block, St. Paul, MN*
- *Science Museum of Minnesota, St. Paul, MN*
- *Minneapolis/St. Paul (MSP) Airport Expansion, Minneapolis/St. Paul, MN*

PREVIOUS WORK EXPERIENCE

- *Real Estate Department of Canadian Pacific Railroad, Project Manager* — Matt solicited bids from approved environmental consulting firms for Phase I and Phase II ESAs of active lease portfolio properties within operating railroad corridors; reviewed bids and selected consultants for multiple site projects in several states. He also reviewed and validated consultant's Phase I reports, Work Plans, Health and Safety Plans, and Phase II reports and associated recommendations. He coordinated access and safety logistics of consultants with railroad personnel and lease tenants. He was authorized as liaison for reporting and communicating identified environmental conditions and remediation solutions with regulatory agencies. (2010–2011)
- *Braun Intertec Corporation, Phase I ESA Group Manager* — Matt's responsibilities included standardizing company-wide operating procedures and language for Phase I ESA reports, including contracting, budgeting, scheduling, reviewing, and writing conclusions and recommendations of Phase I ESAs. He was involved with incorporating ASTM Soil Vapor Intrusion Assessments into ESAs and understanding appropriate vapor intrusion mitigation options. (2004–2011)

**While employed by another firm.*

MATTHEW P. ERICKSON, PG, CHMM

Senior Scientist

- *Peer Engineering** — Matt performed Phase I ESAs, Phase II ESAs, and asbestos surveys of a wide variety of commercial properties as an environmental professional. Project experience included tank removal oversight, monitoring well installation and sampling, and asbestos abatement oversight and monitoring. (1988–2004)

**While employed by another firm.*

EDUCATION

B.S., Environmental Geology & Technology,
University of North Dakota

M.S., Hydrogeology,
University of North Dakota

PROFESSIONAL REGISTRATIONS

Professional Geologist (PG):
MN No. 47350

CERTIFICATIONS

40-hour HAZWOPER
Certification and annual refresher training

OSHA 29 CFR 1910.120
OSHA Site Supervisor Training

E-Railsafe Certified

PROFESSIONAL AFFILIATIONS

American Institute of Professional Geologist

National Groundwater Association

Minnesota Groundwater Association

Mr. Keefer has worked as a hydrogeologist in the environmental field since 2003, providing professional consulting service to private clients and state agencies. Mark's project experience includes large-scale project management; site characterization and corrective action; Brownfield redevelopment; and remediation system design, implementation and maintenance.

Mark has a diverse background which includes due diligence and site characterization of facilities throughout the United States involved in various market sectors, and in the past as the program director for a consulting services contract with the Minnesota Pollution Control Agency (MPCA). His past experience gives him a unique skill-set as well as client-focused relationships and he has additional proficiency in technical writing and group management.

PROJECT EXPERIENCE

- *Brooklyn Center, MN* — Project manager/project geologist for the characterization and remedial action development and implementation for the redevelopment of a 10-acre Brownfield site impacted with PAHs and metals. Work involved geotechnical and environmental soil correction, dewatering, soil disposal, site grading and coordination with the building contractor. The work also involved coordinating and overseeing the work of multiple contractors, and coordinating with the MPCA, The City of Brooklyn Center, and the Minnesota Department of Transportation.
- *Minneapolis, MN* — Project manager/project geologist working for a private client for the investigation and response action planning for a Site impacted with chlorinated hydrocarbons and metals in soil and TCE in soil vapor.
- *Warroad, MN* — Project geologist for the excavation, over-packing, removal and transportation for disposal of multiple buried drums containing chlorinated hydrocarbons.
- *Multiple sites, several states* — Project geologist for the site characterization and investigation of several agricultural facilities involved in the manufacture, distribution and application of various agricultural chemicals. Many of the Sites included aerial applications equipment with private air strips.
- *Lester Prairie, MN* — Project geologist for the site characterization and investigation efforts in property transfer, remedial response planning and implementation that included the excavation and segregation of more than 3,700 tons of impacted soil and the onsite treatment of over 650 tons of soil impacted with pentachlorophenol and petroleum products in support of the site redevelopment.
- *Various Sites, MN* — Program director/project manager for the Level III Environmental Consulting Contract with the MPCA. Responsibilities included managing the contract with the agency and facilitating and overseeing several staff to perform the investigation, reporting and response action implementation at various sites throughout Minnesota.