Phase I Environmental Site Assessment

Former Hillcrest Golf Course
McKnight Road North and Larpenteur Avenue East
St. Paul, Minnesota

Prepared For

Saint Paul Port Authority

Project B1903316
June 10, 2019

Braun Intertec Corporation

BRAUN INTERTEC
The Science You Build On.

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June 10, 2019

Project B1903316

Mr. Monte Hilleman
Saint Paul Port Authority
380 St. Peter St., Suite 850
Saint Paul, MN 55102

Re: Phase I Environmental Site Assessment
Former Hillcrest Golf Course
McKnight Road North and Larpenteur Avenue East
St. Paul, Minnesota

Dear Mr. Hilleman:

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 Saint Paul Port Authority. 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 purchase and 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 Keefer, PG
Associate Principal-Senior Geologist

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 Hillcrest Golf Course located on the west side of McKnight Road North and south of Larpenteur Avenue East 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 the reconnaissance, the Site consisted of six contiguous parcels totaling approximately 112.39 acres. The Site was developed for use as an 18-hole golf course with club facilities, driving range, practice putting greens, and support buildings. At the time of the reconnaissance the golf course was not operating and the Site was vacant. A clubhouse with associated paved parking lot, swimming pool, pool building, golf cart sheds, and a garage were located in the northwest corner of the Site. The fairways extend to the south of the clubhouse. A maintenance area was located in the southeastern area of the Site that included a maintenance shop building, maintenance storage building, and agricultural chemical storage and mixing buildings (ag chemical buildings). Earthen berms were located along the southeastern Site boundary next to and south of the maintenance area.

Our research has revealed that prior to the 1920s the Site was cultivated agricultural land or grazing land. The Site was developed and used as a golf course from the early 1920s until it was closed in 2017. The Site has been vacant since 2017.

The surrounding area was originally developed for cultivated agricultural land, grazing land, and residential use. By the early 1980s a small retail strip mall was developed on adjoining property to the north and another small retail strip mall was developed on adjoining property to the northeast by the early 1990s. The retail development on the adjoining property to the northeast included a gasoline filling station, which has operated since approximately 1990. Government records identified no releases for the adjoining filling station.

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

- Petroleum products including heating oil, gasoline, diesel, stored in aboveground and underground tanks, and lubricant, hydraulic, and others various oils stored in containers ranging in size from one pint to 55-gallons were used on the Site. Government database records and previous investigation reports indicate the likely presence of remaining contamination from past petroleum tank leaks. There is a potential to encounter identified

and unidentified petroleum contamination at the Site during redevelopment, which is considered a recognized environmental condition.

- The use of the Site included storage, mixing, and application of various agricultural chemicals on the Site. Small quantities of chemicals were still stored on the Site at the time of this reconnaissance. There is a potential for agricultural chemical releases to the soil and groundwater at the Site from spills during mixing, transport, or storage, which is considered a recognized environmental condition.

- The agricultural chemicals used and stored on the Site historically included mercury-based fungicide products. Repeated historical application of the fungicide results in an accumulation of mercury in the soils overtime. The resulting accumulation of mercury in the soils is considered a recognized environmental condition.

- The materials observed protruding from earthen berms next to and south of the maintenance area appeared to indicate a potential for the presence of buried trash, pavements, landscaping spoils, construction and demolition debris in the berms. Based on observations, there is a potential for encountering contaminated soils and buried regulated waste in the berms, which is considered a recognized environmental condition.

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

Additional Considerations

An additional consideration is a condition that does not meet the definition of a recognized environmental condition, controlled recognized environmental condition, or historical recognized environmental condition but, in our opinion, should be brought to the attention of the User. The following additional considerations were identified during the Phase I ESA.

Available information indicates that there are three wells on the Site. Two of the wells appear to be registered. A unique well number (which would indicate registration) was not identified for the third well. An irrigation well and associated pump house were located approximately 600 feet north-northwest of the maintenance areas. The location of the irrigation well and pump house corresponds to the location described for Unique Well Number 603061. A sealed well (Unique Well Number 208231) was located in the vicinity of the clubhouse on the north side of the Site. Based on observations and previous reports, the third well is located on the southeast side of the southeast maintenance area. Minnesota Department of Health regulations require well that are no longer in use to be sealed by a licensed well contractor.

Based on our research, a former pool was structure was filled with soils and left in place. Reportedly this buried pool is located directly south of the current exiting pool. The location of the buried structure should be verified, and an evaluation made as to the affect it may have on the planned development.

Based on the dates of construction, there is a potential that asbestos-containing materials (ACM), lead-based paint, or other hazardous building materials may be present in the existing structures. Prior to any renovation or demolition activities, hazardous materials (including equipment incidental to the building such as elevators and climate control equipment and equipment and remaining products incidental to the business activities such as solvents, compressors, etc.) should be identified and properly removed or managed. A hazardous material survey was being completed concurrent with this assessment. That report should be referenced for specific information and recommendations.

A. Introduction

A.1. Purpose

Braun Intertec Corporation received authorization from the Saint Paul Port Authority (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the Former Hillcrest Golf Course located on the west side of McKnight Road North and south of Larpenteur Avenue East 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 Saint Paul Port Authority (User) in accordance with the contract between Saint Paul Port Authority 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 purchase and 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.

No information was provided to us from the User indicating specialized environmental knowledge for 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.

No information was provided to us from the User considered commonly known or reasonably ascertainable information for the Site that would indicate the presence of a release of hazardous substances and/or petroleum products.

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.

No information was provided to us from the User considered obvious for 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:

Address:	McKnight Road North and Larpenteur Avenue East
City:	St. Paul
County:	Ramsey
State:	Minnesota
Property Identification Numbers:	232922410002; 232922410001; 232922120006; 232922140002; 232922120004; 232922120003
Construction Year:	2000
Owner:	Hillcrest Investments LLC
Legal Description:	See attached Ramsey County Property Information for each parcel.
Approximate Center Latitude:	44.987° North
Approximate Center Longitude:	93.008° West
Section, Township, Range Location:	E 1/2 of the E 1/2 of Sec 23, T 29 N, R 22 W
Approximate Size:	112.39 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 (USGS) 7.5-minute topographic map series, St. Paul East, Minnesota quadrangle, the Site elevation ranges from approximately 1,000 feet to approximately 1,060 feet above mean sea level and the terrain is rolling.

B.2.b. Geology

The unconsolidated sediment in the Site vicinity are Pleistocene age till deposits that consist of sandy loam, clay loam, and silty clay loam. The till deposit, is generally reddish brown in color and is locally compact (Patterson, 1992).

The depth to bedrock in the Site vicinity is 100 to 150 feet below land surface (Mossler and Cleland, 1992). The uppermost bedrock units in the Site vicinity include the Middle Ordovician, Decorah Shale on the western portions of the Site, the Platteville and Glenwood Formations on most of the central and northern portions of the Site, and the St. Peter Sandstone on the southern portions of the Site (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 upper portions of the St. Peter Sandstone is described as fine- to medium-grained, quartz sandstone which is generally massive to thick-bedded while the lower portion of the unit contains multicolored beds of mudstone, siltstone and shale, with interbeds of very coarse sandstone.

B.2.c. Hydrogeology

The reported depth to groundwater in the Site vicinity is 100 to 200 feet below land surface. Perched groundwater may occur at shallower depths above clay layers. According to published geologic information, the regional groundwater flow direction in the Site vicinity is generally westerly (Kanivetsky and Cleland, 1992). However, the local direction of groundwater flow may be affected by nearby streams, lakes, wells, and/or wetlands and may vary seasonally.

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.

In addition, ERIS was directed by Braun Intertec to search for agricultural chemical incident history with the AGSPILLS database within a .125mi radius of the Site. No MDA incident project files or agricultural chemical incidents were found to be associated with the Site.

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 ERIS report listed the Site (Hillcrest Golf Club, 1475 McKnight Road) on the following databases:

- The ERIS report indicates that the Site is listed on the Resource Conservation and Recovery Act (RCRA) Conditionally Exempt Small Quantity Hazardous Waste Generator (RCRA-CESQG) database; the US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) database; and the Minnesota Pollution Control Agency (MPCA) database of registered underground storage tanks (UST); the MPCA database of leaking underground storage tank (LUST) and leaking aboveground storage tank (LAST) databases; the MPCA Voluntary Investigation and Cleanup (VIC) database; and the MPCA Voluntary Petroleum Brownfields Program (Brownfields) database. Identification of the Site on the RCRA-CESQG database indicates that the Site was required to register their hazardous waste activity under RCRA and does not imply that a release has occurred. The FRS is a centrally managed universal index database that identifies facilities, sites or places subject to environmental regulations or that are of environmental interest. It appears that the reason for the FRS listing are the RCRA-CESQG, UST, LUST and LAST listings. The ERIS report indicates that three gasoline USTs were previously located on the Site including one 560 gallon tank and two 1,000 gallon tanks. Leaks were reported for two former gasoline USTs and one former unregistered diesel above ground storage tank (AST). The MPCA assigned a closed status to UST Leak ID# 5050 on June 1, 1992; to UST Leak ID# 6222 on September 26, 1994; and to AST Leak ID# 18327 on June 15, 2011. Leak ID # 6222 and Leak ID # 18327 were reportedly closed with remaining groundwater contamination. The available information indicates that the MPCA Voluntary Petroleum Brownfields program was entered to provide review and assurances from the MPCA during a financial transaction regarding the Site property. The MPCA closure letters regarding the three identified petroleum releases are included in Appendix E.

B.3.b. Adjoining Properties

The ERIS report lists the following property that adjoins the Site:

- Maddies Market, 1690 McKnight Road North, located on adjoining property to the northeast. The ERIS report indicates that the facility is listed on the UST database. Three 12,000 gallon gasoline USTs are listed for this facility. The facility is not listed on any database indicating a release.

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 are identified in the ERIS report that warrant further consideration as potential recognized environmental conditions.

B.3.d. Unmapped Sites

The ERIS report identified 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. Not all private water wells are listed in that database.

Our review of the MWI database revealed documentation of two water wells located at the Site. Unique Well Number 208231 was located on the north-central side of the Site at the clubhouse and was sealed in 1999. A copy of the well sealing record is attached in Appendix F. Unique Well Number 603061 is an unsealed irrigation well located on the east central part of the. The well depth is reportedly 486 feet. A copy of the well and boring report is attached in Appendix F. A third unregistered well was observed by Braun Intertec near the southwest corner of the Site in the vicinity of the maintenance buildings that did not appear to have a Unique Well Number.

B.4.b. State Regulatory Web Pages

The Minnesota Department of Agriculture (MDA) "What's In My Neighborhood" Agricultural Interactive Mapping web page and the MPCA "What’s In My Neighborhood" web page were accessed 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.

No facilities were identified on the accessed state regulatory web pages that were not already listed in the ERIS report discussed in Section B.3.

The Anoka County spill report records were searched to determine if any spills related to the site occurred prior to May 2008. No spill reports associated with the site were discovered.

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.

There are three petroleum tank leak files for the Site (Leak ID# 5050; Leak ID# 6222; and Leak ID# 18327). Information from the MPCA files was obtained and reviewed.

Leak ID# 5050
The file information we obtained consisted of an MPCA Closure Confirmation Letter dated May 17, 2011. The letter states that the petroleum storage tank release was reported March 24, 1992 and assigned a closed status on June 1, 1992. The letter stated that it should be assumed that petroleum contamination is present during the planning stage of any future development.

Leak ID# 6222
The file information we obtained included the following:

- MPCA Closure Confirmation Letter dated May 17, 2011.
- Remedial Investigation (RI) Report, Leak ID# 6222, Hillcrest Country Club, prepared by Applied Engineering, Inc., dated February 16, 1994.

The Closure Confirmation Letter states that the petroleum storage tank release was reported April 22, 1993 and assigned a closed status on September 26, 1994. The letter stated that it should be assumed that petroleum contamination is present during the planning stage of any future development.

The RI report indicates that soil was excavated from two tank locations (Tank 1 and Tank 2), both in the vicinity of the maintenance building. The RI report indicates that 193 tons of soil were thermally treated and disposed of off-site. The RI report indicates that contaminated soils exhibiting photoionization detector (PID) readings of 0 to 200 parts per million (ppm) remained in the ground. Selected information from the 1994 RI report is included in Appendix E.

Leak ID# 18327

The file information we obtained included the following:

- Remedial Investigation (RI) Report, Leak ID# 18327, Hillcrest Country Club, prepared by Landmark Environmental, LLC; dated January 8, 2011 (2011 RI).

- Phase I Environmental Site Assessment, 2200 East Larpenteuer Avenue and 1475 McKnight Road, St. Paul, Minnesota, prepared by Landmark Environmental, LLC; dated February 9, 2011 (2011 Phase I).

- Phase II Environmental Investigation Report, Hillcrest Golf Course, St. Paul, Minnesota, prepared by Landmark Environmental, LLC; dated February 9, 2011 (2011 Phase II).

- MPCA Closure Letter dated June 15, 2011.

2011 RI

The 2011 RI indicates that eighteen borings were completed on January 5 and 7, 2011 to collect samples of soil, soil vapors, and groundwater in the vicinity of a diesel AST. The samples were analyzed for various volatile organic compounds (VOCs) and other petroleum related compounds and fuel additives. Petroleum compounds were detected in soil and groundwater in samples collected during the 2011 RI. The 2011 RI report concluded that petroleum contaminated soils were encountered but it could not be ascertained with certainty if the petroleum contamination was associated with Leak ID # 5050, Leak ID # 6222, or Leak ID # 18327.

2011 Phase I

The 2011 Phase I was completed of the entire Hillcrest Golf Course. The significant findings of the 2011 Phase I included the use and storage of petroleum products on the Site; the previously identified petroleum tank releases; and the potential for unidentified past releases of agricultural chemicals.

2011 Phase II

The 2011 Phase I was completed to further evaluate for non-petroleum releases to the Site. The 2011 Phase II ESA indicates that mercury and poly aromatic hydrocarbons (PAHs) and mercury contaminants were identified in soil and cis 1, 2-dichloroethylene was identified in groundwater.

MPCA Closure Letter Leak ID# 18327

Based on the available file information, it appears that Leak ID# 18327 was a release opened by the MPCA in response to data submitted from Landmark's previous Phase II ESA indicating petroleum in the

general area of the former release areas. The MPCA appears to have closed this release after reviewing the Landmark Phase II report and upon review of the UST removal documentation soil samples collected after the last remaining UST at the Site was removed.
The closure letter stated that the MPCA staff concluded that any remaining contamination, if present, does not appear to pose a threat to public health or the environment. The letter adds that it should be assumed that petroleum contamination is present during the planning stage of any future development.

Based on our review of the regulatory report discussed in Section B.3, it is our opinion that additional regulatory agency file and records reviews of the remaining facilities listed in the report are not warranted due to 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.

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 Maps	Historical Information Gatherers, Inc. (HIG)	1892, 1908, 1916, 1928
Topographic Maps	HIG	1896, 1902, 1950, 1951, 1952, 1955, 1967, 1972, 1980, 1993, 2013, 2016
Aerial Photographs	HIG	1923, 1940, 1947, 1953, 1958, 1966, 1974, 1980, 1982, 1985, 1991, 1994, 2000, 2004, 2009, 2012, 2016
City Directories	HIG	1929 to 2018 (Larpenteuer) 1956 to 2018 (McKnight)

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

Historical maps sometimes include fire insurance maps, for the Site and surrounding area. No fire insurance map coverage of the Site was identified. However, historical real estate maps covered the Site from 1892 to 1928. The maps depict no structures or uses on the Site. The maps depict the Site divided into rectangular shaped residential lots. Copies of the historical maps are attached in Appendix G.

B.6.b. Historical Topographic Maps

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

1892

No structures or uses are depicted on the Site.

1951-1993

Buildings are depicted in the locations consistent with the existing clubhouse and maintenance buildings. Hillcrest Golf Club is noted on the Site.

2013-2016

The 2013 and 2016 maps only depict roads, waterways, and topography. The adjoining and nearby roadways observed at the time of the reconnaissance for this assessment are depicted in the alignments observed at the time of the Site reconnaissance for this ESA.

In summary, no structures or uses of environmental concern (such as mines, pits, impoundments, bulk storage tanks, etc.) are depicted on the Site or nearby properties on the 1892 through 2016 maps.

B.6.c. Aerial Photographs

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

1923

The Site appears to be cultivated agricultural land and grazing land. A farmstead with associated buildings is located on the north side of the Site The surrounding area is generally cultivated agricultural land and grazing land with scattered farmsteads and residential dwellings.

1940-2016

The Site appears to be used as a golf course. Buildings consistent with the clubhouse golf cart and pool area on the north side and maintenance buildings on the east-central side. Progressive development of the surrounding residential neighborhoods is apparent. Commercial properties are first apparent on the adjoining properties to the north on the 1982 photograph. The filling station observed at the time of the reconnaissance for this assessment on the adjoining property to the northeast is first apparent on the 1991 photograph.

A survey of available aerial imagery from 1991 to 2016 did not identify any high-risk agricultural areas at the site.

B.6.d. City Directory Information

The 1929 to 1979 directories list Hillcrest Country Club at 2200 Larpenteuer Avenue. The 1981 to 2016 directories do not list any addresses indicating a location on the Site. The directory listings confirm that the surrounding area is generally residential.

B.7. Concurrent Investigations

At the time of this assessment, a geotechnical evaluation, hazardous materials survey for remaining structures, and Phase II ESA have completed in regard to the Site. The results of the geotechnical evaluation, hazardous materials survey, and Phase II ESA are provided in separate reports, which should be referenced for detailed information.

C. Interviews/Inquiries

We interviewed the following individual for historical land-use information regarding the Site:

> **Tom Schmidt, former greens keeper (1994 to 2017) for the Hillcrest Golf Course, currently employed with the City of West Saint Paul - 651-485-1693 (May 15, 2019).**

Mr. Schmidt Tom stated that he knew of three private water wells at the facility. One was about 600 feet deep well that was near the original clubhouse, this well was abandoned sometime around 1998 to 2000.

According to Mr. Schmidt, the second well is associated with the small pump house located south of a pond. This well pumps groundwater into the pond. The pond water is then pumped to a 15 foot deep cistern within the pump house. The water in the cistern is then plumbed to a series of pumps and pipes that are connected to the irrigation system for the golf course.

The third well is located south of the maintenance sheds. According to Mr. Schmidt, this was the primary water well used onsite for agricultural chemical mixing water prior to 1994. After 1994 the site was connected to the city water supply. According to Mr. Schmidt, agricultural chemical mixing has always occurred in the area to the southwest of the maintenance sheds and chemicals were always stored in one of the buildings or sheds near the wash out/mixing area to the best of his knowledge.

According to Mr. Schmidt, he was previously informed that mercury fungicide was used, primarily on the greens, before he worked at the Site. Mr. Schmidt said that he treated the fairways and tee boxes with a Novell's brand granular slow release nitrogen source fertilizer.

Mr. Schmidt was aware of one underground petroleum tank that was removed, and two petroleum AST that are still at the site. According to Mr. Schmidt, there is also an above ground propane tank on site.

In regards to the former club house and tennis courts that were demolished, Mr. Schmidt indicated that to the best of his knowledge the demolition debris was removed from the site.

According to Mr. Schmidt, there was an old pool adjacent to the south of the existing pool at the Site, which he stated was filled with soil and buried in place.

Mr. Schmidt added that in general, the fairways and greens have remained in the same locations through the history of the golf course with the exception of the practice green near the new clubhouse.

The driving range and associated practice putting green were constructed after the use of the mercury containing fungicide had been discontinued at the Site.

Mr. Schmidt indicated that he was not know of any other environmental concerns at the Site.

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.

Braun Intertec environmental professionals Ken Larsen and Mark Keefer conducted a Site reconnaissance on April 18, 2019. Braun Intertec environmental technician Steve Luth conducted a Site reconnaissance in connection with a hazardous materials inspection on May 2, 2019. We were unaccompanied during each Site reconnaissance.

At the time of the each Site reconnaissance, the weather was overcast with temperatures of 40 to 50 degrees Fahrenheit and little to no wind.

D.1. Methodology

Observations made at the time of the Site reconnaissance were conducted by physically traversing the exterior aspects of the Site and its improvements, as well the interior areas, such as common, mechanical, storage, and maintenance areas. Adjoining properties were visually observed from the Site boundaries or nearby public right-of-way areas.

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

At the time of the reconnaissance, the Site consisted of six contiguous parcels totaling approximately 112.39 acres. The Site was developed for use as an 18-hole golf course with club facilities, driving range, practice putting greens, and support buildings. At the time of the reconnaissance the golf course was not operating and the Site was vacant. A clubhouse with associated paved parking lot, swimming pool, pool building, golf cart sheds, and a garage were located in the northwest corner of the Site. The fairways extend to the south of the clubhouse. A maintenance area was located in the southeastern area of the Site that included four buildings; a maintenance building, a maintenance storage building, and agricultural chemical storage and mixing building (ag chemical building). Earthen berms were located along the southeastern Site boundary south of the maintenance area. A well and associated pump house were located approximately 600 feet north-northwest of the maintenance area. The terrain of the Site was gently rolling.

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

D.3. Adjoining Property Use and Characteristics

The Site was bordered on the north by Larpenteuer Avenue East, residential dwellings, and two neighborhood retail strip malls with residential properties located beyond; on the east by McKnight Road North and residential properties with residential properties located beyond; on the south by residential properties with a main railroad line and residential properties located beyond; and on the west by residential properties with residential properties located beyond. The Site was located in a residential area within the city of St. Paul.

No observations of environmental concern were noted on adjoining properties to the Site at the time of the reconnaissance with the exception of the Clark gasoline filling station located in the retail strip mall northeast of the Site at 1690 McKnight Road North. Based on the information discussed in Section B.3, no releases are reported for this facility.

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

Three lined ponds were located on the Site. The ponds were used as fairway ornamental hazards as well as reservoirs for irrigating. The ponds were reportedly filled from water pumped from a well located south of the south pond. The well appeared to be located next to a pump house, which was located approximately 600 feet north-northwest of the maintenance area.

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

Stained floors were observed in the maintenance building. Floor drains in the maintenance building are currently reportedly connected to the municipal sewer but historically discharged to a drain field. Although the staining appeared *de minimis*, the staining may indicate a potential for cumulative releases over time to be considered significant.

D.6. Solid Waste Disposal

The materials observed protruding from earthen berms next to and south of the maintenance area appeared to indicate a potential for the presence of buried trash, pavements, landscaping spoils, construction and demolition debris in the berms.

D.7. Stressed Vegetation

No areas of stressed, discolored, stained or dead vegetation beyond what would be expected due to seasonal conditions were observed at the time of the Site reconnaissance.

D.8. Hazardous Substances

Less than 200 gallons aggregate quantity in containers ranging in sizes from one pint to 5-gallons of various buildings and grounds maintenance products (such as pesticides, herbicides, fertilizers, paints, pool chemicals, and cleaners) were observed stored in the Site buildings. No indications of spills of hazardous substances were observed at the Site at the time of the reconnaissance.

D.9. Petroleum Products

Five 55-gallon drums labeled as containing “Schaffer’s Specialized Lubricants” were observed in the maintenance storage building. Oil staining was observed on and around the drums. Although the staining appeared *de minimis*, the staining may indicate a potential for cumulative releases over time to be considered significant.

With the exception of the products discussed in Section D.10, no indications of current and/or historic use, storage, or release of petroleum products were observed at the Site at the time of the reconnaissance.

D.10. Agricultural Products

Three 50lb bags of Award turf and soil fertilizer, and one 10oz bottle of Fertilome liquid fungicide were encountered during the site visit in the agricultural chemical storage area. No indications of spills of hazardous substances were observed at the Site at the time of the reconnaissance. Historically, the use of the Site included storage, mixing, and application of various agricultural chemicals, including mercury-based fungicide on the Site.

D.11. Storage Tanks

Two 560 gallon petroleum aboveground storage tanks (AST) were observed on the south side of the maintenance area outside of the south maintenance building. The ASTs included one for gasoline and one for diesel. The tanks appeared mostly empty except for some residual fuel and accumulated rainwater. No indications of spills or leaks were observed outside of the secondary containments in which the tanks were located.

No indications of underground storage tanks (USTs) were noted at the Site at the time of the reconnaissance. As discussed in Section B.3, two USTs were reportedly removed from the Site in the 1990s.

D.12. Unidentified Drums and Containers

We observed one green unmarked drum next to the drums discussed in Section D.9 labeled as containing oil in the maintenance storage building. No other 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.13. Odors

No indications of strong, pungent, or noxious odors were observed at the time of the Site reconnaissance, with the exception of a light petroleum like odor immediately over the remaining petroleum ASTs

D.14. Potential PCB-Containing Electrical and Hydraulic Equipment

A hydraulic elevator was located in the clubhouse. The elevator equipment appeared to be relatively modern and in good condition with no indications of leaks.

A utility owned pad-mounted electrical transformer was observed next to the clubhouse. The transformer appeared to be in good condition with no indications of leaking or staining.

D.15. Wastewater Discharges

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.

Floor drains were observed in the maintenance building. The floor drains were reportedly connected to a flammables trap, which is reportedly connected to the municipal sewer system. The trench floor drain in the building was reportedly connected to an on-site drain field in the past.

D.16. Sewage Disposal System

At the time of this assessment the Site was reportedly connected the municipal sewer services. Historically the Site utilized on-site septic systems and drain fields.

D.17. Wells

A well and pump house were located approximately 600 feet north-northwest of the maintenance area. The location of the well and associated pump house corresponds to the location described for Unique Well Number 603061. The well is located just south of the pump house with the well head apparently buried in an earthen berm.

A sealed well (Unique Well Number 208231) was located in the vicinity of the clubhouse on the north side of the Site.

In addition, we observed a ground level wellhead southeast of the maintenance building. Based on previous reports and our interview with a previous employee of the golf course, the well was apparently used for various washing and maintenance activities. The depth and other information regarding the well was not available.

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

D.18. Potable Water Supply

At the time of this assessment the Site was reportedly connected the municipal water services. As discussed in Section D.16, well water was still used for filling the ornamental ponds and for irrigation and incidental maintenance use.

D.19. Facility's Available Sales, Agricultural Chemical Application, and Construction Records

Agricultural chemical application and sale information was not available to Braun Intertec personnel, as the facility is a vacant golf course that has been inactive for several years.

E. Summary of Land-Use Activities

Our research has revealed that prior to the 1920s the Site was cultivated agricultural land or grazing land. The Site was developed and used as a golf course from the early 1920s until it was closed in 2017. The Site has been vacant since 2017.

The surrounding area was originally developed for cultivated agricultural land, grazing land, and residential use. By the early 1980s a small retail strip mall was developed on adjoining property to the north and another small retail strip mall was developed on adjoining property to the northeast by the early 1990s. The retail development on the adjoining property to the northeast included a gasoline filling station, which has operated since approximately 1990. Government records identified no releases for the adjoining filling station.

At the time of the reconnaissance, the Site consisted of six contiguous parcels totaling approximately 112.39 acres. The Site was developed for use as an 18-hole golf course with club facilities, driving range, practice putting greens, and support buildings. At the time of the reconnaissance the golf course was not operating and the Site was vacant. A clubhouse with associated paved parking lot, swimming pool, pool building, golf cart sheds, and a garage were located in the northwest corner of the Site. The fairways extend to the south of the clubhouse. A maintenance area was located in the southeastern area of the Site that included a maintenance building, maintenance storage building, and agricultural chemical

storage and mixing building (ag chemical building). Earthen berms were located along the southeastern Site boundary next to and south of the maintenance area.

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 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:

- Information regarding the Site was available back to 1892. The information indicates that the Site was likely used as cultivated agricultural land or grazing land by that time.

- Our research has revealed that prior to the 1920s the Site was cultivated agricultural land or grazing land. The Site was developed and used as a golf course from the early 1920s until it was closed in 2017. The Site has been vacant since 2017.

- Petroleum products including heating oil, gasoline, diesel, stored in aboveground and underground tanks, and lubricant, hydraulic, and others various oils stored in containers ranging in size from one pint to 55-gallons were used on the Site.

- Government database records and previous investigation reports indicate the likely presence of remaining contamination from past petroleum tank leaks.

- The use of the Site included storage, mixing, and application of various agricultural chemicals on the Site. Some chemicals were still stored on the Site.

- Floor drains in the maintenance building reportedly discharged to a drain field prior to being connected to the municipal sewer system.

- Stained floors were observed in the maintenance building. Floor drains in the maintenance building reportedly discharged to a drain field before being connected to the municipal sewer. Although the staining appeared *de minimis*, the staining may indicate a potential for cumulative releases over time to be considered significant.

- The materials observed protruding from earthen berms next to and south of the maintenance area appeared to indicate a potential for the presence of buried trash, pavements, landscaping spoils, construction and demolition debris in the berms.

- The government database records review identified several regulated facilities within the vicinity of the Site, including a filling station on adjoining property to the northeast.

H. Opinions

According to the User, the Phase I ESA was conducted in association with the purchase and 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:

- Petroleum products including heating oil, gasoline, diesel, stored in aboveground and underground tanks, and lubricant, hydraulic, and others various oils stored in containers ranging in size from one pint to 55-gallons were used on the Site. Government database records and previous investigation reports indicate the likely presence of remaining contamination from past petroleum tank leaks. There is a potential to encounter identified and unidentified petroleum contamination at the Site during redevelopment, which is considered a recognized environmental condition.

- The use of the Site included storage, mixing, and application of various agricultural chemicals on the Site. Some chemicals were still stored on the Site at the time of this reconnaissance. There is a potential for agricultural chemical releases to the soil and groundwater at the Site from spills during mixing, transport, or storage, which is considered a recognized environmental condition.

- The agricultural chemicals used and stored on the Site historically included mercury based fungicide. Repeated historical application of the fungicide results in an accumulation of mercury in the soils overtime. The resulting accumulation of mercury in the soils is considered a recognized environmental condition.

- The materials observed protruding from earthen berms next to and south of the maintenance area appeared to indicate a potential for the presence of buried trash, pavements, landscaping spoils, construction and demolition debris in the berms. Based on observations, there is a potential for encountering contaminated soils and buried regulated waste in the berms, which is considered 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:

- The Site was used for cultivated agricultural land a grazing land prior to the 1920s is considered a *de minimis* condition for the Site.

- The government database records review identified several regulated facilities in the vicinity of the Site, including a filling station on adjoining property. Based on mitigating factors that affect the apparent significance of the identified facilities on the Site, such as regulatory status, distance from the Site, location of the facility in relation to the groundwater flow direction, and/or the database(s) the identified regulated facilities are listed on, it is our opinion that the identified regulated facilities are considered *de minimis* conditions.

H.5. Additional Considerations

An additional consideration is a condition that does not meet the definition of a recognized environmental condition, controlled recognized environmental condition, or historical recognized environmental condition but, in our opinion, should be brought to the attention of the User. The following additional considerations were identified during the Phase I ESA.

Available information indicates that there are three wells on the Site. Two of the wells are registered. One of the registered wells is sealed. A unique well number (which would indicate registration) was not identified for the third well. A well and associated pump house were located approximately 600 feet north-northwest of the maintenance areas. The location of the well and pump house corresponds to the location described for Unique Well Number 603061. A sealed well (Unique Well Number 208231) was located in the vicinity of the clubhouse on the north side of the Site. Based on observations and previous reports, a well is also located on the southeast side of the southeast maintenance area. Minnesota Department of Health regulations require well that are no longer in use to be sealed by a licensed well contractor.

Based on our research, a former pool was structure was filled with soils and left in place. Reportedly this buried pool is located directly south of the current exiting pool. The location of the buried structure should be verified, and an evaluation made as to the affect it may have on the planned development.

Based on the dates of construction, there is a potential that asbestos-containing materials (ACM), lead-based paint, or other hazardous building materials may be present in the existing structures. Prior to any renovation or demolition activities, hazardous materials (including equipment incidental to the building such as elevators and climate control equipment and equipment and remaining products incidental to the business activities such as solvents, compressors, etc.) should be identified and properly removed or managed. A hazardous material survey was being completed concurrent with this assessment. That report should be referenced for specific information and recommendations.

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 recognized environmental conditions in connection with the Site, with the exception of the following:

- Petroleum products including heating oil, gasoline, diesel, stored in aboveground and underground tanks, and lubricant, hydraulic, and others various oils stored in containers ranging in size from one pint to 55-gallons were used on the Site. Government database records and previous investigation reports indicate the likely presence of remaining contamination from past petroleum tank leaks. There is a potential to encounter identified and unidentified petroleum contamination at the Site during redevelopment, which is considered a recognized environmental condition.

- The use of the Site included storage, mixing, and application of various agricultural chemicals on the Site. Some chemicals were still stored on the Site at the time of this reconnaissance. There is a potential for agricultural chemical releases to the soil and groundwater at the Site from spills during mixing, transport, or storage, which is considered a recognized environmental condition.

- The agricultural chemicals used and stored on the Site historically included mercury based fungicide. Repeated historical application of the fungicide results in an accumulation of mercury in the soils overtime. The resulting accumulation of mercury in the soils is considered a recognized environmental condition.

- The materials observed protruding from earthen berms next to and south of the maintenance area appeared to indicate a potential for the presence of buried trash, pavements, landscaping spoils, construction and demolition debris in the berms. Based on observations, there is a potential for encountering contaminated soils and buried regulated waste in the berms, which is considered a recognized environmental condition.

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

Additional considerations are discussed in Section H.5.

J. References

References are listed in Appendix K.

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 L.

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

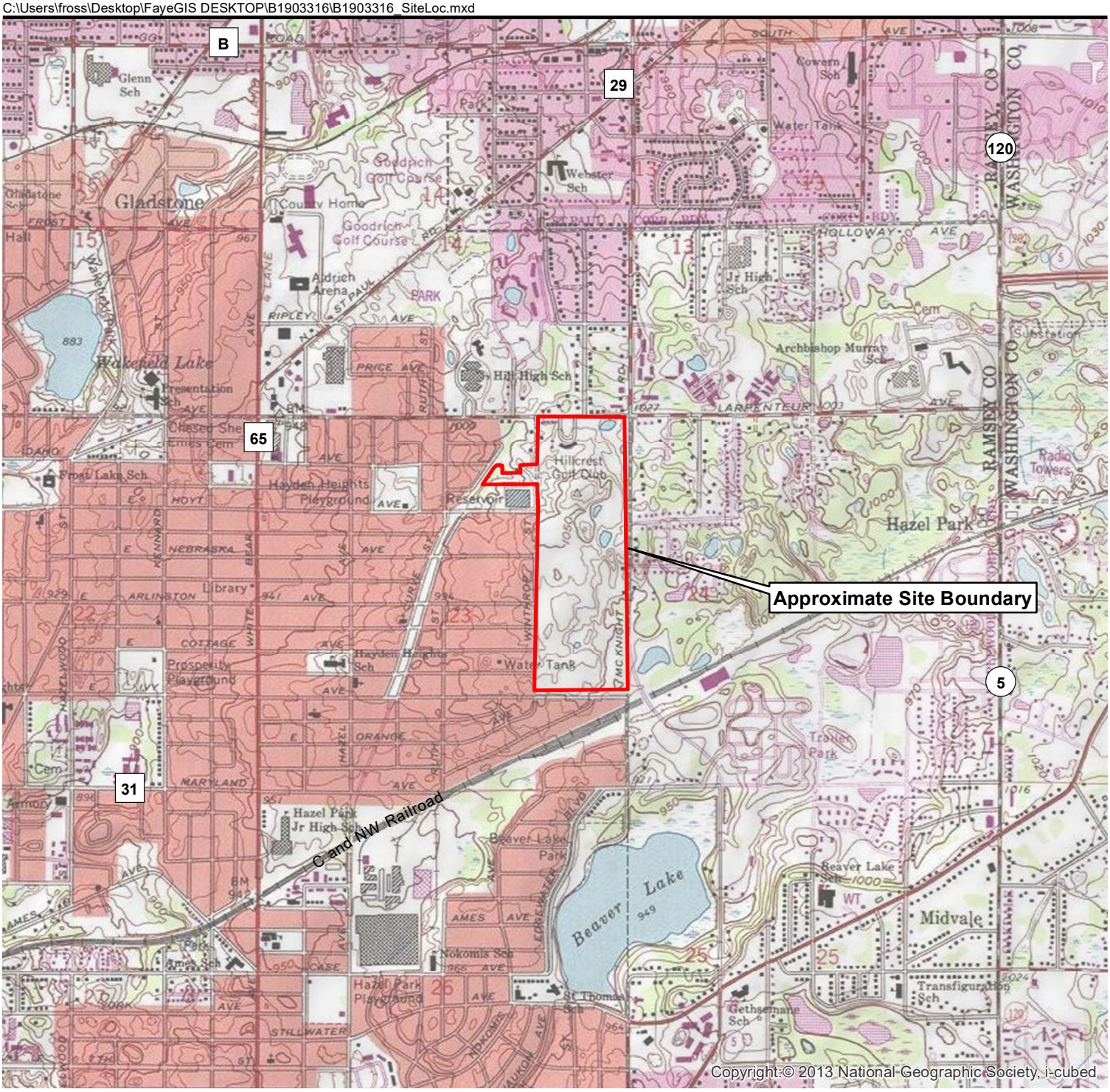
Matthew P. Erickson
Senior Scientist

Mark D Keefer, PG
Senior Scientist

Appendix A

Site Location Map

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_SiteLoc.mxd



Approximate Site Boundary

Data Source:
USGS Quadrangle

N

0 1,000 2,000 Feet

BRAUN INTERTEC
The Science You Build On.

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

Project No:
B1903316

Drawing No:
B1903316_SiteLoc

Drawn By:	FER
Date Drawn:	4/12/2019
Checked By:	MPE
Last Modified:	4/12/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minneosta

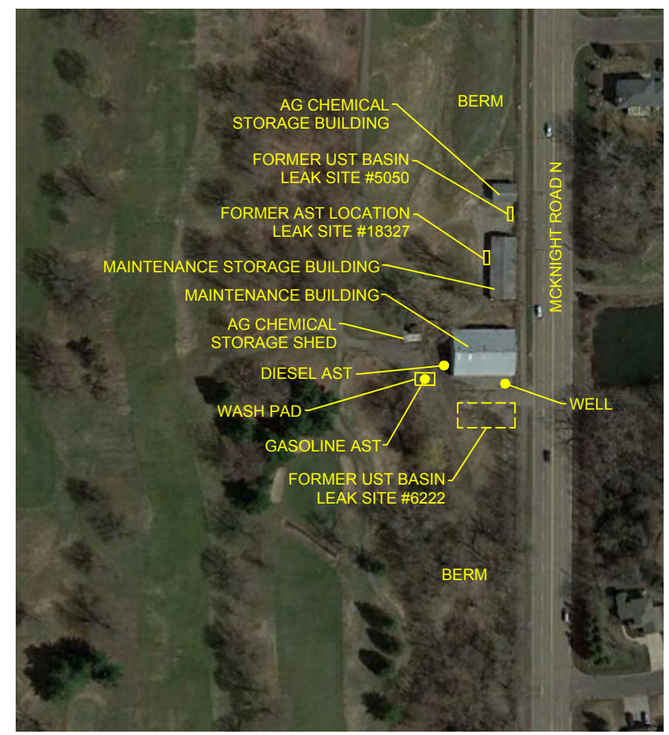
Site Location Map

Figure 1

Appendix B

Site Sketch

INSET 1: CLUBHOUSE AREA
SCALE: 1" = 120'



INSET 2: MAINTENANCE FACILITY
SCALE: 1" = 200'

N

250' 0 500'

SCALE: 1"= 500'

BRAUN INTERTEC
The Science You Build On.
11001 Hampshire Avenue S
Minneapolis, MN 55438
952.995.2000
braunintertec.com

Drawing Information

Project No: B1903316

Drawing No: B1903316

Drawn By:	LAO
Date Drawn:	5/15/19
Checked By:	MPE
Last Modified:	6/10/19

Project Information

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Site Diagram

Figure 2

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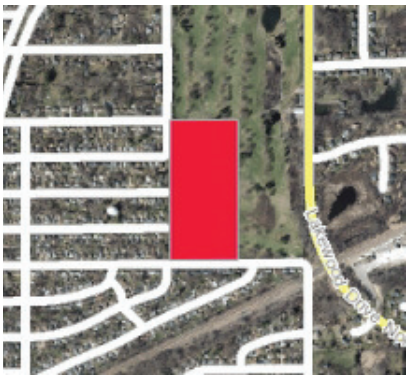
Appendix C

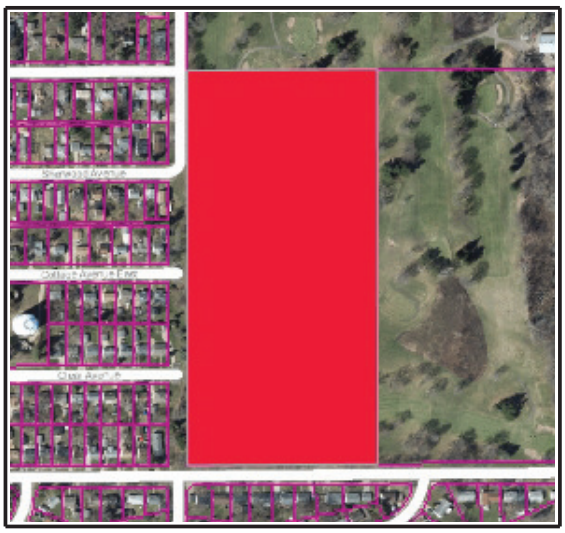
Ramsey County Property Information

Ramsey County Parcel Report

Report generated 4/11/2019 3:24:31 PM



Parcel location within Ramsey County



Taxlot highlighted in red

Parcel ID: ***232922410002***

Owner(s): HILLCREST INVESTMENTS LLC, C/O HILLCREST GOLF CLUB

Site Address: 0 WINTHROP ST N, SAINT PAUL MN 55119

Link to Ramsey County Tax and Property Quick Info

Tax Payer(s): HILLCREST INVESTMENTS LLC
C/O HILLCREST GOLF CLUB

Tax Address: 1301 L ORIENT ST STE 1, SAINT PAUL MN 55117-4074

Lot: 1 **Block:** 2

Plat Name: HARVESTER HEIGHTS

Area: 18.24 **Acre(s)**

2019 Pay 2020 EMV Land: 1787700

2019 Pay 2020 EMV Building:

2019 Pay 2020 EMV Total: 1787700

Total Tax* in 2019 : 72014

Special Assessment in 2019 : 632.24

Tax Exempt: N

Last Sale Date:

Last Sale Price:

Homestead: N

Use Type: RESIDENTIAL, VACANT LAND, LOT

Dwelling Type: RESIDENTIAL, VACANT LAND, LOT

Home Style:

Living Area: **Sq. Ft.**

Year Built:

Garage: N

Garage Area: **Sq. Ft.**

Heating Type:

Cooling Type:

School District: 0625

Watershed District: METRO WATERSHED

Green Acre:

Open Space: N

Agriculture Preserve: N

---

*The user of this report acknowledges that the City/County shall not be liable for any damages, and expressly waives all claims, and agrees to defend, indemnify, and hold harmless the City/County from any and all claims brought by the User, its employees or agents, or third parties which arise out of the User's access or use of data provided. *Total Tax includes special assessment due if any.*

Ramsey County Parcel Report

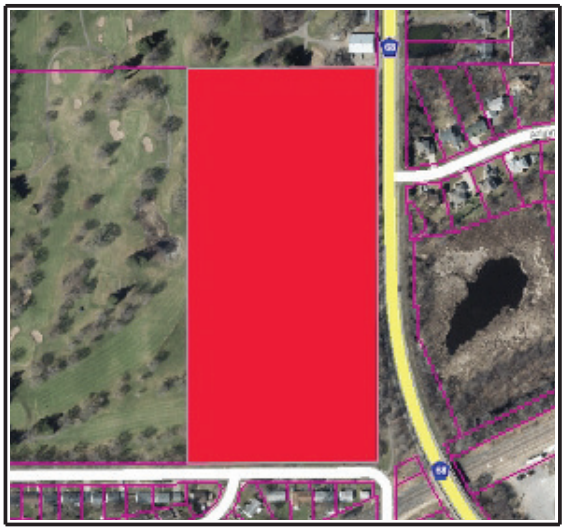
Report generated 4/11/2019 3:26:08 PM

Parcel location within Ramsey County

Parcel ID: ***232922410001***

Owner(s): HILLCREST INVESTMENTS LLC, C/O HILLCREST GOLF CLUB

Site Address: 0 MCKNIGHT RD N, SAINT PAUL MN 55119



Taxlot highlighted in red

Link to Ramsey County Tax and Property Quick Info

Tax Payer(s): HILLCREST INVESTMENTS LLC
C/O HILLCREST GOLF CLUB

Tax Address: 1301 L ORIENT ST STE 1, SAINT PAUL MN 55117-4074

Lot: 1 **Block:** 1

Plat Name: HARVESTER HEIGHTS

Area: 18.24 **Acre(s)**

2019 Pay 2020 EMV Land: 1787700

2019 Pay 2020 EMV Building:

2019 Pay 2020 EMV Total: 1787700

Total Tax* in 2019 : 71782

Special Assessment in 2019 : 401.08

Tax Exempt: N

Last Sale Date: 2/1/2011 12:00:00 AM

Last Sale Price: 4325000

Homestead: N

Use Type: RESIDENTIAL, VACANT LAND, LOT

Dwelling Type: RESIDENTIAL, VACANT LAND, LOT

Home Style:

Living Area: **Sq. Ft.**

Year Built:

Garage: N

Garage Area: **Sq. Ft.**

Heating Type:

Cooling Type:

School District: 0625

Watershed District: METRO WATERSHED

Green Acre:

Open Space: N

Agriculture Preserve: N

---

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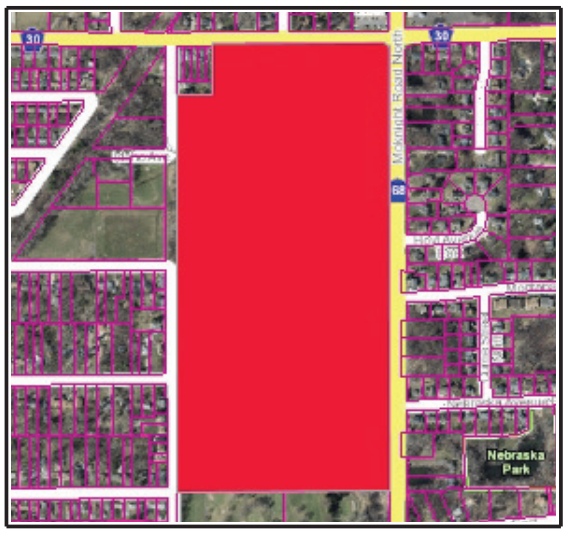
Ramsey County Parcel Report

Report generated 4/11/2019 3:26:52 PM

Parcel location within Ramsey County



Taxlot highlighted in red

Parcel ID: ***232922140002***

Owner(s): HILLCREST INVESTMENTS LLC, C/O HILLCREST GOLF CLUB

Site Address: 2200 LARPENTEUR AVE E, SAINT PAUL MN 55109-4866

Link to Ramsey County Tax and Property Quick Info

Tax Payer(s): HILLCREST INVESTMENTS LLC
C/O HILLCREST GOLF CLUB

Tax Address: 1301 L ORIENT ST STE 1, SAINT PAUL MN 55117-4074

Lot: 6 **Block:** 1

Plat Name: FURNESS GARDEN LOTS

Area: 72.54 **Acre(s)**

2019 Pay 2020 EMV Land:	8508200
2019 Pay 2020 EMV Building:	1000
2019 Pay 2020 EMV Total:	8509200
Total Tax* in 2019 :	338508
Special Assessment in 2019 :	839.58

Tax Exempt: N

Last Sale Date: 2/1/2011 12:00:00 AM

Last Sale Price: 3925000

Homestead: N

Use Type: RESIDENTIAL, VACANT LAND, LOT

Dwelling Type: RESIDENTIAL, VACANT LAND, LOT

Home Style:

Living Area: **Sq. Ft.**

Year Built: 2000

Garage: Y

Garage Area: 2400 **Sq. Ft.**

Heating Type:

Cooling Type:

School District: 0625

Watershed District: METRO WATERSHED

Green Acre:

Open Space: N

Agriculture Preserve: N

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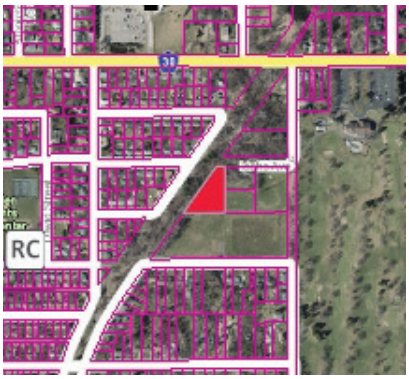
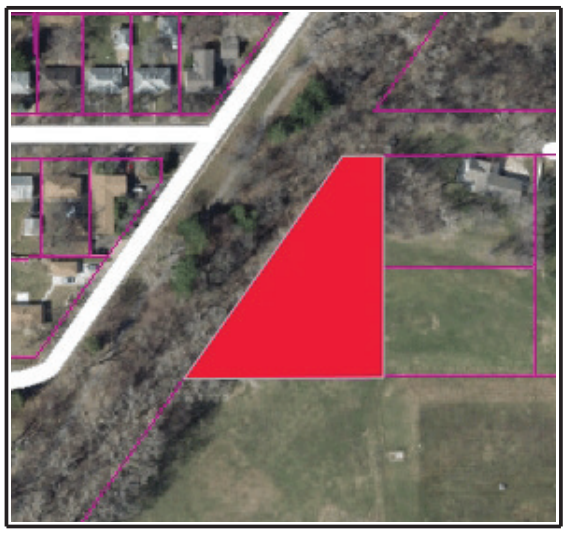
Ramsey County Parcel Report

Report generated 4/11/2019 3:28:35 PM



Parcel location within Ramsey County



Taxlot highlighted in red

Parcel ID: ***232922120006***

Owner(s): HILLCREST INVESTMENTS LLC, C/O HILLCREST GOLF CLUB

Site Address: 0 FURNESS PKWY, SAINT PAUL MN 55119

Link to Ramsey County Tax and Property Quick Info

Tax Payer(s): HILLCREST INVESTMENTS LLC
C/O HILLCREST GOLF CLUB

Tax Address: 1301 L ORIENT ST STE 1, SAINT PAUL MN 55117-4074

Lot: 3 **Block:** 5

Plat Name: FURNESS GARDEN LOTS

Area: 1.26 **Acre(s)**

2019 Pay 2020 EMV Land: 186600

2019 Pay 2020 EMV Building:

2019 Pay 2020 EMV Total: 186600

Total Tax* in 2019 : 7450

Special Assessment in 2019 : 0

Tax Exempt: N

Last Sale Date: 2/1/2011 12:00:00 AM

Last Sale Price: 4325000

Homestead: N

Use Type: RESIDENTIAL, VACANT LAND, LOT

Dwelling Type: RESIDENTIAL, VACANT LAND, LOT

Home Style:

Living Area: **Sq. Ft.**

Year Built:

Garage: N

Garage Area: **Sq. Ft.**

Heating Type:

Cooling Type:

School District: 0625

Watershed District: METRO WATERSHED

Green Acre:

Open Space: N

Agriculture Preserve: N

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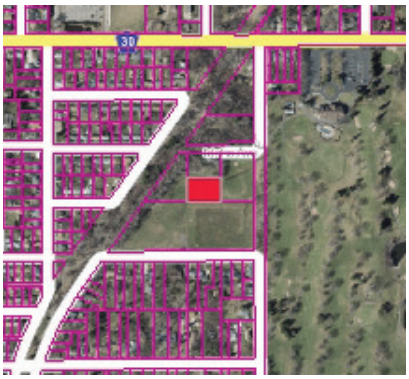
Ramsey County Parcel Report

Report generated 4/11/2019 3:29:34 PM



Parcel location within Ramsey County

Taxlot highlighted in red

Parcel ID: ***232922120004***

Owner(s): HILLCREST INVESTMENTS LLC, C/O HILLCREST GOLF CLUB

Site Address: 0 FURNESS PKWY, SAINT PAUL MN 55119

Link to Ramsey County Tax and Property Quick Info

Tax Payer(s): HILLCREST INVESTMENTS LLC
C/O HILLCREST GOLF CLUB

Tax Address: 1301 L ORIENT ST STE 1, SAINT PAUL MN 55117-4074

Lot: 2 **Block:** 5

Plat Name: FURNESS GARDEN LOTS

Area: 0.7 **Acre(s)**

2019 Pay 2020 EMV Land: 103700

2019 Pay 2020 EMV Building:

2019 Pay 2020 EMV Total: 103700

Total Tax* in 2019 : 4140

Special Assessment in 2019 : 0

Tax Exempt: N

Last Sale Date: 2/1/2011 12:00:00 AM

Last Sale Price: 4325000

Homestead: N

Use Type: RESIDENTIAL, VACANT LAND, LOT

Dwelling Type: RESIDENTIAL, VACANT LAND, LOT

Home Style:

Living Area: **Sq. Ft.**

Year Built:

Garage: N

Garage Area: **Sq. Ft.**

Heating Type:

Cooling Type:

School District: 0625

Watershed District: METRO WATERSHED

Green Acre:

Open Space: N

Agriculture Preserve: N

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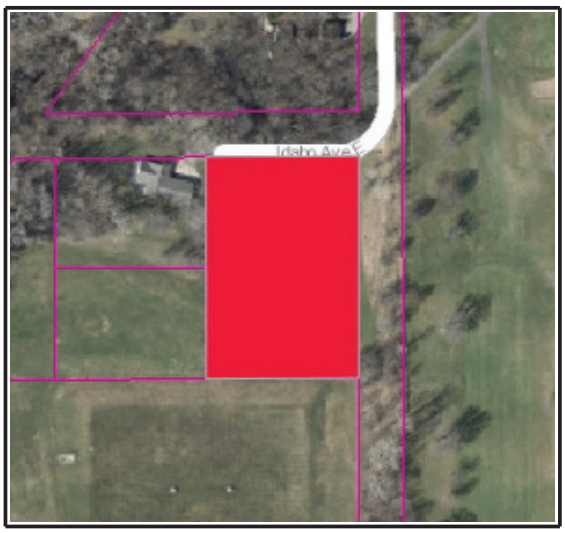
Ramsey County Parcel Report

Report generated 4/11/2019 3:30:15 PM

Parcel location within Ramsey County



Taxlot highlighted in red

Parcel ID: ***232922120003***

Owner(s): HILLCREST INVESTMENTS LLC, C/O HILLCREST GOLF CLUB

Site Address: 0 LARPENTEUR AVE E, SAINT PAUL MN 55119

Link to Ramsey County Tax and Property Quick Info

Tax Payer(s): HILLCREST INVESTMENTS LLC
C/O HILLCREST GOLF CLUB

Tax Address: 1301 L ORIENT ST STE 1, SAINT PAUL MN 55117-4074

Lot: 1 **Block:** 5

Plat Name: FURNESS GARDEN LOTS

Area: 1.41 **Acre(s)**

2019 Pay 2020 EMV Land: 184200

2019 Pay 2020 EMV Building:

2019 Pay 2020 EMV Total: 184200

Total Tax* in 2019 : 7354

Special Assessment in 2019 : 0

Tax Exempt: N

Last Sale Date: 2/1/2011 12:00:00 AM

Last Sale Price: 4325000

Homestead: N

Use Type: RESIDENTIAL, VACANT LAND, LOT

Dwelling Type: RESIDENTIAL, VACANT LAND, LOT

Home Style:

Living Area: **Sq. Ft.**

Year Built:

Garage: N

Garage Area: **Sq. Ft.**

Heating Type:

Cooling Type:

School District: 0625

Watershed District: METRO WATERSHED

Green Acre:

Open Space: N

Agriculture Preserve: N

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Appendix D

Environmental Risk Information Services, Ltd. Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Former Hillcrest Golf Course* *Mcknight Rd. N. and Larpenteur Ave. E.* *St. Paul MN 55109*
Project No:	*2026039*
Report Type:	*Database Report*
Order No:	*20190412062*
Requested by:	*Historical Information Gatherers*
Date Completed:	*April 16, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*Former Hillcrest Golf Course* *Mcknight Rd. N. and Larpenteur Ave. E. St. Paul MN 55109*
Project No:	*2026039*

Coordinates:

Latitude:	*44.98661*
Longitude:	*-93.007791*
UTM Northing:	*4,981,463.03*
UTM Easting:	*499,385.78*
UTM Zone:	*UTM Zone 15T*

Elevation:	*1,042 FT*

Order Information:

Order No:	*20190412062*
Date Requested:	*April 12, 2019*
Requested by:	*Historical Information Gatherers*
Report Type:	*Database Report*

Historicals/Products:

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
ODI	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.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	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	0	0	-	-	0
RCRA CESQG	Y	.25	1	0	2	-	-	3
RCRA NON GEN	Y	.25	0	3	1	-	-	4
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.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	.5	0	0	0	0	-	0
FEMA UST	Y	.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

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DEL PLP	Y	1	0	0	0	0	0	0
WIMN	Y	.5	2	8	6	12	-	28
SHWS	Y	.5	0	0	0	0	-	0
SITE ASSESSMENT	Y	.25	0	0	0	-	-	0
SWF/LF	Y	.5	0	0	0	0	-	0
LCP	Y	.5	0	0	0	0	-	0
UNPERMITTED LF	Y	.5	0	0	0	0	-	0
HIST LUST	Y	.5	1	0	1	1	-	3
DEL LUST	Y	.5	0	0	0	0	-	0
HIST LAST	Y	.5	2	0	0	0	-	2
HIST LEAKSITES	Y	.5	1	0	0	1	-	2
LST REM SITE	Y	.5	3	0	1	2	-	6
LST INCIDENT	Y	.5	0	0	0	1	-	1
DELISTED LST	Y	.5	0	0	0	0	-	0
UST	Y	.25	1	1	1	-	-	3
AST	Y	.25	0	1	0	-	-	1
HIST TANK	Y	.25	0	0	0	-	-	0
DELISTED TANK	Y	.5	0	0	0	0	-	0
INST	Y	.5	0	0	0	0	-	0
VIC	Y	.5	1	3	0	1	-	5
BROWNFIELDS	Y	.5	1	3	0	1	-	5
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	2	1	-	-	-	3
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	.125	0	0	-	-	-	0
NCDL	Y	PO	0	-	-	-	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
ALT FUELS	Y	.25	0	1	0	-	-	1
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0
State								
SPILLS	Y	.125	0	0	-	-	-	0
AG SPILLS	Y	.125	0	0	-	-	-	0
HIST SPL	Y	.125	0	0	-	-	-	0
CDL	Y	PO	0	-	-	-	-	0
FEEDLOTS	Y	.5	0	0	0	0	-	0
TIER 2	Y	.125	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:		15	21	12	19	0	67

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

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	BROWNFIELDS	Hillcrest Country Club	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	-37	27
1	FINDS/FRS	HILLCREST GOLF CLUB MAINTENANCE SHED	1475 MCKNIGHT RD SAINT PAUL MN 55119	-	0.00 / 0.00	-37	27
1	HIST LAST	Hillcrest Golf Club	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	-37	28
			Tank Site | Active?: *18327 | No* ***Complete Site Closure Date | Leaksite Type Desc:*** *06/15/2011 00:00:00 | Both Leak/PBP Site*				
1	HIST LAST	Hillcrest Golf Course	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	-37	29
			Tank Site | Active?: *5050 | No* ***Complete Site Closure Date | Leaksite Type Desc:*** *06/01/1992 00:00:00 | Both Leak/PBP Site*				
1	HIST LEAKSITES	Hillcrest Country Club	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	-37	31
			Complete Site Closure Date | Leaksite Type Desc: *09/26/1994 00:00:00 | Both Leak/PBP Site*				
1	HIST LUST	Hillcrest Golf Course	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	-37	33
			Complete Site Closure Date | Leaksite Type Desc: *06/01/1992 00:00:00 | Both Leak/PBP Site*				
1	LST REM SITE	Hillcrest Golf Club	1475 McKnight Rd Saint Paul MN	-	0.00 / 0.00	-37	34
1	LST REM SITE	Hillcrest Golf Course	1475 McKnight Rd Saint Paul MN	-	0.00 / 0.00	-37	35
1	LST REM SITE	Hillcrest Country Club	1475 McKnight Rd Saint Paul MN	-	0.00 / 0.00	-37	35
1	WIMN	Hillcrest Golf Club Maintenance Shed	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	-37	36
1	UST	Hillcrest Golf Club Maintenance Shed	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	-37	36
			Tank ID | Tank Status: *109335-EQUI0000000003 | Removed, 109335-EQUI0000000002 | Removed, 109335-EQUI0000000001 | Removed*				
1	VIC	Hillcrest Country Club	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	-37	38
2	FINDS/FRS	HILLCREST COUNTRY CLUB	2200 E LARPENTEUR SAINT PAUL MN 55109-4866	-	0.00 / 0.00	-16	38

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	WIMN	Hillcrest Golf Club of Saint Paul	2200 E Larpenteur Ave Saint Paul MN 55109	-	0.00 / 0.00	-16	39
2	RCRA CESQG	HILLCREST COUNTRY CLUB	2200 E LARPENTEUR AVE ST. PAUL MN 55109-4866 ***EPA Handler ID:*** *MND076510486*	-	0.00 / 0.00	-16	39

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
3	FINDS/FRS	FOR YOUR SPORT	2251 LARPENTEUR AVE E MAPLEWOOD MN 55109	NNE	0.01 / 30.46	-22	40
3	WIMN	For Your Sport	2251 Larpenteur Ave E Maplewood MN 55109	NNE	0.01 / 30.46	-22	41
3	RCRA NON GEN	FOR YOUR SPORT	2251 LARPENTEUR AVE E MAPLEWOOD MN 55109 ***EPA Handler ID:*** MN0000603548	NNE	0.01 / 30.46	-22	42
4	WIMN	Dale's Furniture Refinishing	1695 McKnight Rd Maplewood MN 55109	NNE	0.05 / 244.96	-18	43
4	RCRA NON GEN	DALE'S FURNITURE REFINISHING	1695 MCKNIGHT RD MAPLEWOOD MN 55109 ***EPA Handler ID:*** MNS000107433	NNE	0.05 / 244.96	-18	43
5	ALT FUELS	Clark	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	-15	44
5	WIMN	Swenson Chiropractic	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	-15	45
5	WIMN	Maddies Market	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	-15	45
5	RCRA NON GEN	SWENSON CHIROPRACTIC	1690 MCKNIGHT RD N MAPLEWOOD MN 55109 ***EPA Handler ID:*** MND985672914	NNE	0.05 / 268.79	-15	46
5	UST	Maddies Market	1690 McKnight Rd N Maplewood MN 55109 ***Tank ID | Tank Status:*** 117811-EQUI0000000002 | Active, 117811-EQUI0000000001 | Active, 117811-EQUI0000000003 | Active	NNE	0.05 / 268.79	-15	47
6	AST	Bulk Service	1300 N McKnight Rd Maplewood MN 55119 ***Tank ID | Tank Status:*** 111580-EQUI0000000001 | Active	SSE	0.06 / 293.18	-57	48
6	BROWNFIELDS	Bulk Services #2	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	49

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	BROWNFIELDS	Bulk Storage	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	49
6	BROWNFIELDS	Bulk Services	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	50
6	WIMN	Bulk Services	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	50
6	WIMN	Feed Products North Inc	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	51
6	WIMN	Bulk Service	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	51
6	VIC	Bulk Services	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	52
6	VIC	Bulk Services #2	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	52
6	VIC	Bulk Storage	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	-57	53
7	WIMN	Beebe Road Street Improvements	Beebe Road from Larpenteur Ave to Holloway Ave. Maplewood MN 55109	NNW	0.06 / 295.58	-34	53
8	WIMN	Gregory Weyrauch property	2103 Hawthorne Ave E Saint Paul MN 55119	SSW	0.13 / 698.85	-57	54
9	WIMN	Bulk Storage Corp	1300 McKnight Rd N Maplewood MN 55119	SSE	0.16 / 824.45	-43	54
9	RCRA CESQG	BULK STORAGE CORP	1300 MCKNIGHT RD N MAPLEWOOD MN 55119-3127 ***EPA Handler ID:*** MN0000688465	SSE	0.16 / 824.45	-43	54
9	RCRA NON GEN	FEED PRODUCTS & SERVICE CO	1300 MCKNIGHT RD N MAPLEWOOD MN 55119-3127 ***EPA Handler ID:*** MNR000065094	SSE	0.16 / 824.45	-43	56

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	WIMN	Mounds Park Academy - Phase II	2051 Larpenteur Ave E Maplewood MN 55109	NW	0.17 / 893.72	-40	57
10	WIMN	Mounds Park Academy	2051 Larpenteur Ave E Maplewood MN 55109	NW	0.17 / 893.72	-40	57
10	WIMN	Mounds Park Academy	2051 Larpenteur Ave E Maplewood MN 55109	NW	0.17 / 893.72	-40	58
10	RCRA CESQG	MOUNDS PARK ACADEMY	2051 LARPENTEUR AVE E MAPLEWOOD MN 55109-4785 ***EPA Handler ID:*** MND985762269	NW	0.17 / 893.72	-40	58
11	HIST LUST	Maplewood Apartments	2367 Larpenter Ave E Maplewood MN 55109 ***Complete Site Closure Date | Leaksite Type Desc:*** Leak Site	NE	0.23 / 1,219.54	-27	60
11	LST REM SITE	Maplewood Apartments	2367 Larpenter Ave E Maplewood MN	NE	0.23 / 1,219.54	-27	62
11	WIMN	Maplewood Apartments	2367 Larpenteur Ave E Maplewood MN 55109	NE	0.23 / 1,219.54	-27	62
11	UST	Maplewood Apartments	2367 Larpenteur Ave E Maplewood MN 55109-495 ***Tank ID | Tank Status:*** 117964-EQUI0000000004 | , 117964-EQUI0000000005 | , 117964-EQUI0000000003 | , 117964-EQUI0000000001 | Removed, 117964-EQUI0000000002 | Removed	NE	0.23 / 1,219.54	-27	62
12	WIMN	Holeman Wayne D	2207 Maryland Ave E Saint Paul MN 55119	S	0.25 / 1,324.92	-63	64
13	LST INCIDENT		near Maryland Ave & McKnight Rd MN Maplewood MN ***Incident ID | Incident Status:*** 95241 | Closed or Completed	SSE	0.26 / 1,358.58	-70	65
14	HIST LEAKSITES	Maplewood Apartments	2391 Larpenteur Maplewood MN 55109 ***Complete Site Closure Date | Leaksite Type Desc:*** 07/19/1994 00:00:00 | Leak Site	NE	0.28 / 1,456.22	-24	65
14	LST REM SITE	Maplewood Apartments	2391 Larpenteur Maplewood MN	NE	0.28 / 1,456.22	-24	67
14	WIMN	Maplewood Apartments	2391 Larpenteur Maplewood MN 55109	NE	0.28 / 1,456.22	-24	67
15	WIMN	ISD 622	1801 Beebe Rd North Saint Paul MN 55109	NNW	0.29 / 1,509.13	-23	68

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	WIMN	South Winds Townhomes	Beebe Rd N of Larpenteur Ave Maplewood MN 55109	SE	0.34 / 1,810.71	-80	68
17	BROWNFIELDS	Rosewood Estate	Maryland and Lakewood Maplewood MN 55119	SSE	0.36 / 1,887.19	-88	69
17	WIMN	Rosewood Estate	SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	SSE	0.36 / 1,887.19	-88	69
17	WIMN	Beaver Lake Townhomes Sanitary Sewer	SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	SSE	0.36 / 1,887.19	-88	70
17	WIMN	Rosewood Estates	Maryland and Lakewood Maplewood MN 55119	SSE	0.36 / 1,887.19	-88	70
17	WIMN	Beaver Lake Townhomes	SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	SSE	0.36 / 1,887.19	-88	71
17	VIC	Rosewood Estate	Maryland and Lakewood Maplewood MN 55119	SSE	0.36 / 1,887.19	-88	71
18	HIST LUST	Maplewood Apartments - Site 2	2425 Larpenter Ave E Maplewood MN 55109	NE	0.36 / 1,892.87	-31	72
			Complete Site Closure Date | Leaksite Type Desc: Leak Site				
18	LST REM SITE	Maplewood Apartments - Site 2	2425 Larpenter Ave E Maplewood MN	NE	0.36 / 1,892.87	-31	73
18	WIMN	Maplewood Apartments - Site 2	2425 Larpenter Ave E Maplewood MN 55109	NE	0.36 / 1,892.87	-31	74
19	WIMN	Maple Pond Homes	1816 & 1854 Beebe Rd Maplewood MN 55109	NNW	0.37 / 1,931.82	-44	74
20	WIMN	Lakeview Commons Memory Care	1200 Lakewood Dr N Maplewood MN 55119	SSE	0.39 / 2,064.84	-92	74
21	WIMN	Hope Lutheran Church	1340 N Hazel St Saint Paul MN 55119	WSW	0.49 / 2,576.70	-50	75

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CESQG - RCRA Conditionally Exempt Small Quantity Generators List

A search of the RCRA CESQG database, dated Dec 17, 2018 has found that there are 3 RCRA CESQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HILLCREST COUNTRY CLUB	2200 E LARPENTEUR AVE ST. PAUL MN 55109-4866 ***EPA Handler ID**: MND076510486*	-	0.00 / 0.00	2
BULK STORAGE CORP	1300 MCKNIGHT RD N MAPLEWOOD MN 55119-3127 ***EPA Handler ID**: MN0000688465*	SSE	0.16 / 824.45	9
MOUNDS PARK ACADEMY	2051 LARPENTEUR AVE E MAPLEWOOD MN 55109-4785 ***EPA Handler ID**: MND985762269*	NW	0.17 / 893.72	10

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Dec 17, 2018 has found that there are 4 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FOR YOUR SPORT	2251 LARPENTEUR AVE E MAPLEWOOD MN 55109 ***EPA Handler ID**: MN0000603548*	NNE	0.01 / 30.46	3
DALE'S FURNITURE REFINISHING	1695 MCKNIGHT RD MAPLEWOOD MN 55109 ***EPA Handler ID**: MNS000107433*	NNE	0.05 / 244.96	4
SWENSON CHIROPRACTIC	1690 MCKNIGHT RD N MAPLEWOOD MN 55109 ***EPA Handler ID**: MND985672914*	NNE	0.05 / 268.79	5
FEED PRODUCTS & SERVICE CO	1300 MCKNIGHT RD N MAPLEWOOD MN 55119-3127 ***EPA Handler ID**: MNR000065094*	SSE	0.16 / 824.45	9

State

WIMN - What's in My Neighborhood - Contaminated Sites

A search of the WIMN database, dated Feb 5, 2019 has found that there are 28 WIMN site(s) within approximately 0.50 miles of the

project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Golf Club Maintenance Shed	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	1
Hillcrest Golf Club of Saint Paul	2200 E Larpenteur Ave Saint Paul MN 55109	-	0.00 / 0.00	2
For Your Sport	2251 Larpenteur Ave E Maplewood MN 55109	NNE	0.01 / 30.46	3
Dale's Furniture Refinishing	1695 McKnight Rd Maplewood MN 55109	NNE	0.05 / 244.96	4
Swenson Chiropractic	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	5
Maddies Market	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	5
Bulk Services	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Feed Products North Inc	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Bulk Service	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Beebe Road Street Improvements	Beebe Road from Larpenteur Ave to Holloway Ave. Maplewood MN 55109	NNW	0.06 / 295.58	7
Gregory Weyrauch property	2103 Hawthorne Ave E Saint Paul MN 55119	SSW	0.13 / 698.85	8
Bulk Storage Corp	1300 McKnight Rd N Maplewood MN 55119	SSE	0.16 / 824.45	9
Mounds Park Academy - Phase II	2051 Larpenteur Ave E Maplewood MN 55109	NW	0.17 / 893.72	10

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Mounds Park Academy	2051 Larpenteur Ave E Maplewood MN 55109	NW	0.17 / 893.72	10
Mounds Park Academy	2051 Larpenteur Ave E Maplewood MN 55109	NW	0.17 / 893.72	10
Maplewood Apartments	2367 Larpenteur Ave E Maplewood MN 55109	NE	0.23 / 1,219.54	11
Holeman Wayne D	2207 Maryland Ave E Saint Paul MN 55119	S	0.25 / 1,324.92	12
Maplewood Apartments	2391 Larpenteur Maplewood MN 55109	NE	0.28 / 1,456.22	14
ISD 622	1801 Beebe Rd North Saint Paul MN 55109	NNW	0.29 / 1,509.13	15
South Winds Townhomes	Beebe Rd N of Larpenteur Ave Maplewood MN 55109	SE	0.34 / 1,810.71	16
Rosewood Estate	SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	SSE	0.36 / 1,887.19	17
Beaver Lake Townhomes Sanitary Sewer	SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	SSE	0.36 / 1,887.19	17
Rosewood Estates	Maryland and Lakewood Maplewood MN 55119	SSE	0.36 / 1,887.19	17
Beaver Lake Townhomes	SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	SSE	0.36 / 1,887.19	17
Maplewood Apartments - Site 2	2425 Larpenter Ave E Maplewood MN 55109	NE	0.36 / 1,892.87	18
Maple Pond Homes	1816 & 1854 Beebe Rd Maplewood MN 55109	NNW	0.37 / 1,931.82	19

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Lakeview Commons Memory Care	1200 Lakewood Dr N Maplewood MN 55119	SSE	0.39 / 2,064.84	20
Hope Lutheran Church	1340 N Hazel St Saint Paul MN 55119	WSW	0.49 / 2,576.70	21

HIST LUST - Historical Leaking Underground Storage Tanks

A search of the HIST LUST database, dated Nov 1, 2016 has found that there are 3 HIST LUST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Golf Course	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	1
	***Complete Site Closure Date | Leaksite Type Desc**: 06/01/1992 00:00:00 | Both Leak/PBP Site*			
Maplewood Apartments	2367 Larpenter Ave E Maplewood MN 55109	NE	0.23 / 1,219.54	11
	***Complete Site Closure Date | Leaksite Type Desc**: Leak Site*			
Maplewood Apartments - Site 2	2425 Larpenter Ave E Maplewood MN 55109	NE	0.36 / 1,892.87	18
	***Complete Site Closure Date | Leaksite Type Desc**: Leak Site*			

HIST LAST - Historical Leaking Aboveground Storage Tanks

A search of the HIST LAST database, dated Nov 1, 2016 has found that there are 2 HIST LAST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Golf Course	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	1
	***Tank Site | Active?**: 5050 | No* ***Complete Site Closure Date | Leaksite Type Desc**: 06/01/1992 00:00:00 | Both Leak/PBP Site*			
Hillcrest Golf Club	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	1
	***Tank Site | Active?**: 18327 | No* ***Complete Site Closure Date | Leaksite Type Desc**: 06/15/2011 00:00:00 | Both Leak/PBP Site*			

HIST LEAKSITES - Historical Leak Sites

A search of the HIST LEAKSITES database, dated Nov 1, 2016 has found that there are 2 HIST LEAKSITES site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Country Club	1475 McKnight Rd St. Paul MN 55119	-	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Complete Site Closure Date | Leaksite Type Desc**: 09/26/1994 00:00:00 | Both Leak/PBP Site*			
Maplewood Apartments	2391 Larpenteur Maplewood MN 55109	NE	0.28 / 1,456.22	14
	***Complete Site Closure Date | Leaksite Type Desc**: 07/19/1994 00:00:00 | Leak Site*			

LST REM SITE - MPCA Remediation Leak Sites

A search of the LST REM SITE database, dated Feb 8, 2019 has found that there are 6 LST REM SITE site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Country Club	1475 McKnight Rd Saint Paul MN	-	0.00 / 0.00	1
Hillcrest Golf Course	1475 McKnight Rd Saint Paul MN	-	0.00 / 0.00	1
Hillcrest Golf Club	1475 McKnight Rd Saint Paul MN	-	0.00 / 0.00	1
Maplewood Apartments	2367 Larpenter Ave E Maplewood MN	NE	0.23 / 1,219.54	11
Maplewood Apartments	2391 Larpenteur Maplewood MN	NE	0.28 / 1,456.22	14
Maplewood Apartments - Site 2	2425 Larpenter Ave E Maplewood MN	NE	0.36 / 1,892.87	18

LST INCIDENT - MPCA Tank Incidents

A search of the LST INCIDENT database, dated Feb 8, 2019 has found that there are 1 LST INCIDENT site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	near Maryland Ave & McKnight Rd MN Maplewood MN	SSE	0.26 / 1,358.58	13
	***Incident ID | Incident Status**: 95241 | Closed or Completed*			

UST - Underground Storage Tanks

A search of the UST database, dated Feb 8, 2019 has found that there are 3 UST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Golf Club Maintenance Shed	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	1
	***Tank ID | Tank Status**: 109335-EQUI0000000003 | Removed, 109335-EQUI0000000002 | Removed, 109335-EQUI0000000001 | Removed*			
Maddies Market	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	5
	***Tank ID | Tank Status**: 117811-EQUI0000000002 | Active, 117811-EQUI0000000001 | Active, 117811-EQUI0000000003 | Active*			
Maplewood Apartments	2367 Larpenteur Ave E Maplewood MN 55109-495	NE	0.23 / 1,219.54	11
	***Tank ID | Tank Status**: 117964-EQUI0000000004 | , 117964-EQUI0000000005 | , 117964-EQUI0000000003 | , 117964-EQUI0000000001 | Removed, 117964-EQUI0000000002 | Removed*			

AST - Minnesota Above Ground Storage Tanks

A search of the AST database, dated Feb 8, 2019 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Bulk Service	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
	***Tank ID | Tank Status**: 111580-EQUI0000000001 | Active*			

VIC - Voluntary Investigation and Cleanup Program List

A search of the VIC database, dated Feb 8, 2019 has found that there are 5 VIC site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Country Club	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	1
Bulk Services	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Bulk Services #2	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Bulk Storage	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Rosewood Estate	Maryland and Lakewood Maplewood MN 55119	SSE	0.36 / 1,887.19	17

BROWNFIELDS - Petroleum Brownfields Program Sites

A search of the BROWNFIELDS database, dated Feb 8, 2019 has found that there are 5 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hillcrest Country Club	1475 McKnight Rd Saint Paul MN 55119	-	0.00 / 0.00	1
Bulk Services	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Bulk Storage	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Bulk Services #2	1300 N McKnight Rd Maplewood MN 55119	SSE	0.06 / 293.18	6
Rosewood Estate	Maryland and Lakewood Maplewood MN 55119	SSE	0.36 / 1,887.19	17

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

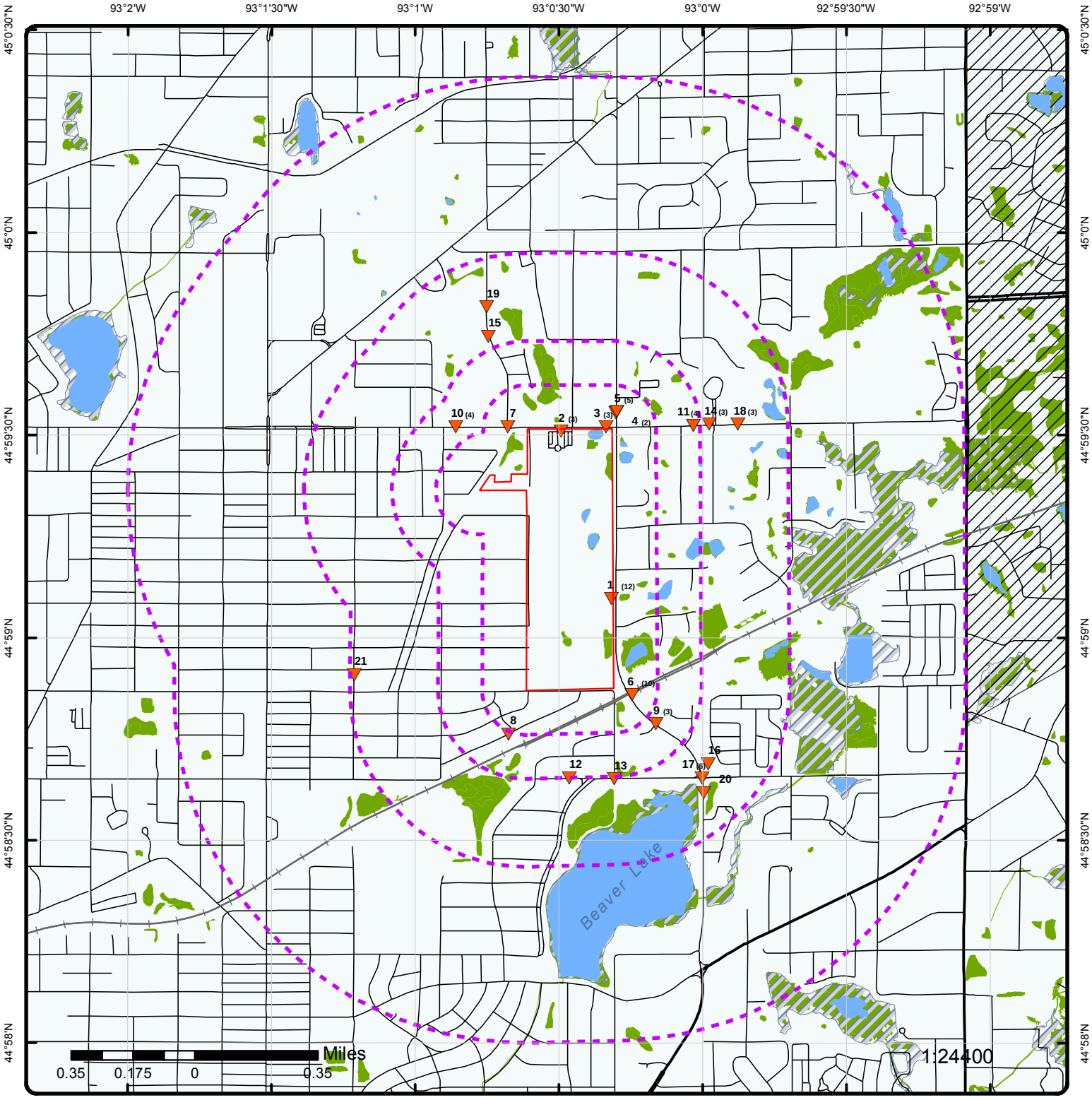
A search of the FINDS/FRS database, dated Jan 30, 2019 has found that there are 3 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HILLCREST GOLF CLUB MAINTENANCE SHED	1475 MCKNIGHT RD SAINT PAUL MN 55119	-	0.00 / 0.00	1
HILLCREST COUNTRY CLUB	2200 E LARPENTEUR SAINT PAUL MN 55109-4866	-	0.00 / 0.00	2
FOR YOUR SPORT	2251 LARPENTEUR AVE E MAPLEWOOD MN 55109	NNE	0.01 / 30.46	3

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Jan 15, 2019 has found that there are 1 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Clark	1690 McKnight Rd N Maplewood MN 55109	NNE	0.05 / 268.79	5



Map : 1 Mile Radius

Order No: 20190412062

Address: Mcknight Rd. N. and Larpenteur Ave. E., St. Paul, MN, 55109

ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2016 ESRI

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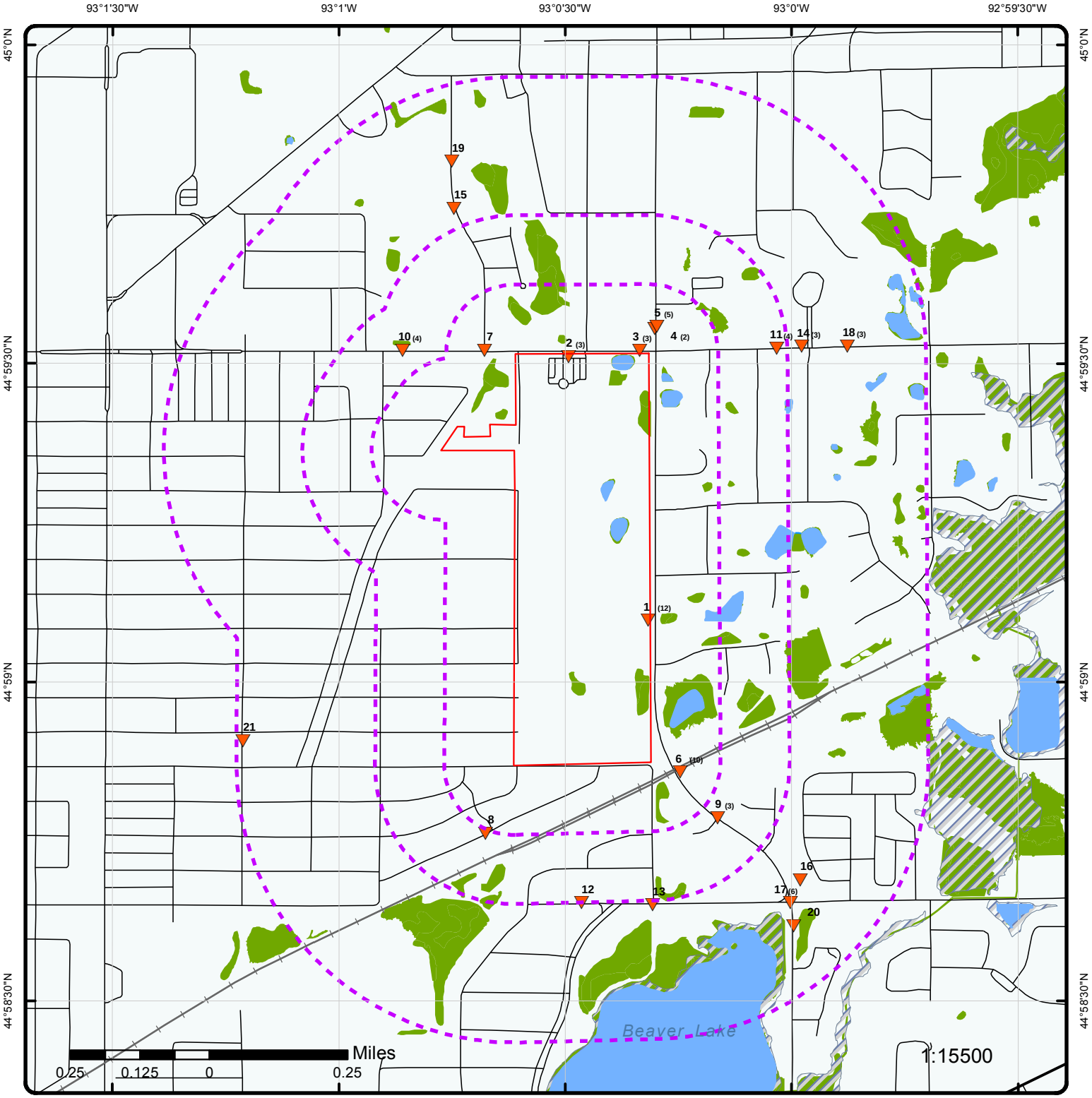

Map : 0.5 Mile Radius

Order No: 20190412062

Address: Mcknight Rd. N. and Larpenteur Ave. E., St. Paul, MN, 55109

ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2016 ESRI

© ERIS Information Inc.

Map : 0.25 Mile Radius

Order No: 20190412062

Address: Mcknight Rd. N. and Larpenteur Ave. E., St. Paul, MN, 55109

ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2016 ESRI

© ERIS Information Inc.

93°1'W 93°0'30"W

44°59'30"N

44°59'N

Aerial (2017)

Order No: 20190412062

Address: Mcknight Rd. N. and Larpenteur Ave. E., St. Paul, MN, 55109

Source: ESRI World Imagery

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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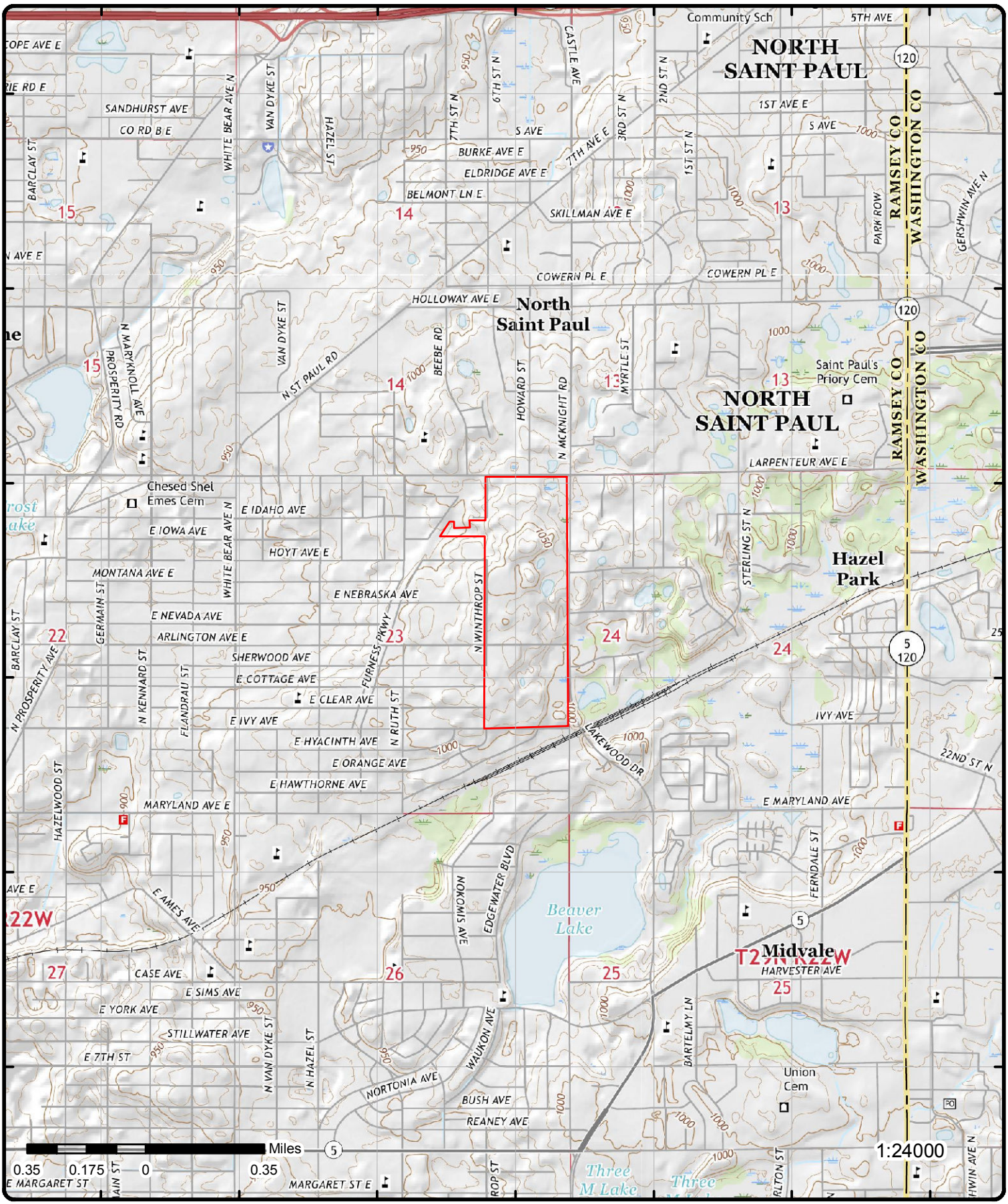

Topographic Map (2016)

Order No: 20190412062

Address: Mcknight Rd. N. and Larpenteur Ave. E., St. Paul, MN, 55109

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Quadrangle(s): White Bear Lake West, MN; White Bear Lake East, MN; Saint Paul East, MN; Lake Elmo, 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 12	-	0.00 / 0.00	1,004.35 / -37	Hillcrest Country Club 1475 McKnight Rd Saint Paul MN 55119	BROWNFIELDS

Project ID:	VP27200	**SEMS?:**	
Item ID:	109335-AREA0000000001	**Inst Controls?:**	
AI ID:	109335	**Petrol Brownfield?:**	
AI Name:	Hillcrest Golf Club Maintenance Shed	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	111
Remed Site Type:	Brownfield Site	**Project Manager:**	Gerald Stahnke (no longer at MPCA)
NPL:		**Hydrogeol/Hydrol:**	
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:	Yes	**Latitude:**	44.98552939
EPA HRS Score:		**Longitude:**	-93.00510213
HRS Score Year:			

What's in My Neighborhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=109335
Location Description: **Note: Many records provided by the department have a truncated LOC_DESC field.
Coord Coll Meth: Address Matching House Number

--Details--

Activity ID:	SIW20110002	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	4/20/2011	**Dt Site Closed:**	4/20/2012 10:18:57 AM
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 12	-	0.00 / 0.00	1,004.35 / -37	HILLCREST GOLF CLUB MAINTENANCE SHED 1475 MCKNIGHT RD SAINT PAUL MN 55119	FINDS/FRS

Registry ID:	110067890269
FIPS Code:	27123
HUC Code:	07010206
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	02-JUN-2016 16:55:48
Update Date:	
Interest Types:	STATE MASTER
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:	271230424021003
EPA Region Code:	05

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

County Name:	RAMSEY
US/Mexico Border Ind:	
Latitude:	44.985542
Longitude:	-93.005025
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:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110067890269
Program Acronyms:	

MN-TEMPO:109335

1	*3 of 12*	*-*	*0.00 / 0.00*	*1,004.35 / -37*	***Hillcrest Golf Club*** ***1475 McKnight Rd*** ***St. Paul MN 55119***	***HIST LAST***

Prog Int ID:	59484164	***Address Source:***	CORE
Site ID:	242405	***Township Name:***	White Bear
State County Code:	62	***County Name:***	Ramsey
Country:	USA	***Lat/Long ID:***	130592
Interest Type Cd:	LS	***Interest Type Dsc:***	Leak Site
ADDR ID:	264779	***Lat Degrees:***	44
Tank Site:	18327	***Lat Minutes:***	59
Interest Phone:	NO CORE PI PH.	***Lat Seconds:***	5.99
Interest Start Dt:	03/01/2011 00:00:00	***Long Degrees:***	-93
Interest End Dt:	03/04/2013 13:40:56	***Long Minutes:***	0
Active?:	No	***Long Seconds:***	18.76
Timestamp Added:	03/01/2011 15:44:53	***Lat/Long Source:***	CORE
Timestamp Updt:	11/10/2014 08:17:06	***Lat/Long Site ID:***	242405
Staff ID Updt:	RGAGLE	***Lat/Long Spatial ID:***	59484165
Source:	CORE	***Collection Date:***	02/04/2011 11:35:48
Coord Src Type:		***Map Scale Code:***	
Coord Src Desc:		***Org Name Source:***	
Foreign State:		***Foreign Zone:***	
FIPS County Cd1:	123		
Addr Timestmp Add:	11/15/2006 07:19:09		
Addr Timestamp Lst Updt:	02/04/2011 11:21:28		
Addr Updater Staff ID:	SFRYE		
Lat/Long Timestamp Added:	11/15/2006 07:19:32		
Lat/Long Tmstmp Last Upd:	02/04/2011 11:35:50		
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:	06/15/2011 00:00:00
Cond Closure Date:	
Release Discovered Date:	01/24/2011 00:00:00
Leaksite Type Code:	3
Leaksite Type Desc:	Both Leak/PBP Site
Leak Report Date:	01/31/2011 00:00:00
Tank Reg Status Code:	N
TMSP Added:	03/01/2011 15:50:29
TMSP Last Updt:	09/07/2011 13:35:32
CU Yds Excavated Qty:	
ENF Action Begin Date:	03/07/2011 00:00:00
Residence Type Code:	
File Archive Box:	
File Archive Lot:	
Soil Digout Date:	

Staff ID Last Updt:	MKOPLIT
Std Letter Response Date:	
VPIC Acres:	30
VPIC Application Date:	
Contam Soils Remaining Flag:	U
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	No
Offsite Contam Flag:	U
REIMB Awarded Flag:	No
Release From AST Flag:	Yes
Release From UST Flag:	No
Soil Gas Action Level Flag:	
Soil Gas Data Collected Flag:	No
Sub Slab Sample Collected Flag:	
Surface Water Impact Flag:	U
Utility Project Flag:	No
Vapor Intrusion Action Flag:	
Vapor Intrusion Checked Flag:	No
Leaksite Type Defn:	Both leak and a PBP site.
Soil Gas Data Comments:	minor release
Vapor Intrusion Comments:	minor release

Leak Product Release

Product Rls Seq ID:	137761
Leak Product Desc:	Diesel
Leak Product Defn:	The product is diesel oil.

Leak GW Info

Well Type Code:	
Affected Non Res Props:	0
Affected Residential Props:	8
Staff ID Last Updt:	JKAEHLE
Staff ID Wellhead Area Assess:	1612
TMSP Added:	06/13/2011 16:54:20
TMSP Last Updt:	06/13/2011 16:54:37
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:	N
MTBE Present Now Flag:	
Protected Area Flag:	Yes
PWS Well Impacted Flag:	No
Sensitive Area Flag:	Yes

1	***4 of 12***	***-***	***0.00 / 0.00***	***1,004.35 / -37***	***Hillcrest Golf Course 1475 McKnight Rd St. Paul MN 55119***	***HIST LAST***

Prog Int ID:	217731	***Address Source:***	CORE
Site ID:	242405	***Township Name:***	White Bear
State County Code:	62	***County Name:***	Ramsey

Country:	USA	**Lat/Long ID:**	130592
Interest Type Cd:	LS	**Interest Type Dsc:**	Leak Site
ADDR ID:	264779	**Lat Degrees:**	44
Tank Site:	5050	**Lat Minutes:**	59
Interest Phone:	NO CORE PI PH.	**Lat Seconds:**	5.99
Interest Start Dt:	09/22/1995 14:53:26	**Long Degrees:**	-93
Interest End Dt:	02/04/2011 11:21:01	**Long Minutes:**	0
Active?:	No	**Long Seconds:**	18.76
Timestamp Added:	11/15/2006 07:19:24	**Lat/Long Source:**	CORE
Timestamp Updt:	11/10/2014 08:17:06	**Lat/Long Site ID:**	242405
Staff ID Updt:	RGAGLE	**Lat/Long Spatial ID:**	51744691
Source:	CORE	**Collection Date:**	02/04/2011 11:35:48
Coord Src Type:		**Map Scale Code:**	
Coord Src Desc:		**Org Name Source:**	
Foreign State:		**Foreign Zone:**	
FIPS County Cd1:	123		

Addr Timestmp Add:	11/15/2006 07:19:09
Addr Timestamp Lst Updt:	02/04/2011 11:21:28
Addr Updater Staff ID:	SFRYE
Lat/Long Timestamp Added:	11/15/2006 07:19:32
Lat/Long Tmstmp Last Upd:	02/04/2011 11:35:50
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:	06/01/1992 00:00:00
Cond Closure Date:	
Release Discovered Date:	03/24/1992 00:00:00
Leaksite Type Code:	3
Leaksite Type Desc:	Both Leak/PBP Site
Leak Report Date:	03/24/1992 00:00:00
Tank Reg Status Code:	F
TMSP Added:	12/04/1999 14:03:46
TMSP Last Updt:	08/20/2013 12:46:00
CU Yds Excavated Qty:	35
ENF Action Begin Date:	04/01/1992 00:00:00
Residence Type Code:	
File Archive Box:	09
File Archive Lot:	96/53
Soil Digout Date:	03/25/1992 00:00:00
Staff ID Last Updt:	AEDDY
Std Letter Response Date:	
VPIC Acres:	33
VPIC Application Date:	
Contam Soils Remaining Flag:	N
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	No
Offsite Contam Flag:	U
REIMB Awarded Flag:	No
Release From AST Flag:	Yes
Release From UST Flag:	Yes
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:	

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

Leak Product Release

Product Rls Seq ID: 35350
Leak Product Desc: Unknown
Leak Product Defn: The product is unknown.

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 14:07:30
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:
PWS Well Impacted Flag:
Sensitive Area Flag:

1	5 of 12	-	0.00 / 0.00	1,004.35 / -37	Hillcrest Country Club 1475 McKnight Rd St. Paul MN 55119	HIST LEAKSITES

Prog Int ID: 218866
Site ID: 242405
State County Code: 62
Country: USA
Interest Type Cd: LS
ADDR ID: 264779
Tank Site: 6222
Interest Phone: NO CORE PI PH.
Interest Start Dt: 08/14/1996 00:00:00
Interest End Dt: 02/04/2011 11:21:46
Active?: No
Timestamp Added: 11/17/2006 07:20:15
Timestamp Updt: 11/10/2014 08:17:06
Staff ID Updt: RGAGLE
Source: CORE
Coord Src Type:
Coord Src Desc:
Foreign State:
FIPS County Cd1: 123
Addr Timestmp Add: 11/15/2006 07:19:09
Addr Timestamp Lst Updt: 02/04/2011 11:21:28
Addr Updater Staff ID: SFRYE
Lat/Long Timestamp Added: 11/15/2006 07:19:32
Lat/Long Tmstmp Last Upd: 02/04/2011 11:35:50
Lat/Long Updater Staff ID: MAPTOOL
Lat/Long Desc:

Address Source: CORE
Township Name: White Bear
County Name: Ramsey
Lat/Long ID: 130592
Interest Type Dsc: Leak Site
Lat Degrees: 44
Lat Minutes: 59
Lat Seconds: 5.99
Long Degrees: -93
Long Minutes: 0
Long Seconds: 18.76
Lat/Long Source: CORE
Lat/Long Site ID: 242405
Lat/Long Spatial ID: 51753745
Collection Date: 02/04/2011 11:35:48
Map Scale Code:
Org Name Source:
Foreign Zone:

Coord Coll Method Desc: Digitized - Map Tool
Coord Coll Method Code: DM
Comments:

Leak Site

Complete Site Closure Date: 09/26/1994 00:00:00
Cond Closure Date:
Release Discovered Date: 04/22/1993 00:00:00
Leaksite Type Code: 3
Leaksite Type Desc: Both Leak/PBP Site
Leak Report Date: 04/22/1993 00:00:00
Tank Reg Status Code: F
TMSP Added: 12/04/1999 14:03:47
TMSP Last Updt: 08/20/2013 12:46:24
CU Yds Excavated Qty: 90
ENF Action Begin Date: 04/29/1993 00:00:00
Residence Type Code:
File Archive Box: 09
File Archive Lot: 97/11
Soil Digout Date: 04/22/1993 00:00:00
Staff ID Last Updt: AEDDY
Std Letter Response Date: 05/27/1993 00:00:00
VPIC Acres: 30
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: N
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 Rls

Product Rls Seq ID: 321418
Leak Product Desc: Gasoline, Unleaded
Leak Product Defn: Unleaded 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 14:07:31
TMSP Last Updt: 11/04/2003 12:57:07
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

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

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:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	6 of 12	-	0.00 / 0.00	1,004.35 / -37	Hillcrest Golf Course 1475 McKnight Rd St. Paul MN 55119	HIST LUST

Prog Int ID:	217731	**Address Source:**	CORE
Site ID:	242405	**Township Name:**	White Bear
State County Code:	62	**County Name:**	Ramsey
Country:	USA	**Lat/Long ID:**	130592
Interest Type Cd:	LS	**Interest Type Dsc:**	Leak Site
ADDR ID:	264779	**Lat Degrees:**	44
Tank Site:	5050	**Lat Minutes:**	59
Interest Phone:	NO CORE PI PH.	**Lat Seconds:**	5.99
Interest Start Dt:	09/22/1995 14:53:26	**Long Degrees:**	-93
Interest End Dt:	02/04/2011 11:21:01	**Long Minutes:**	0
Active?:	No	**Long Seconds:**	18.76
Timestamp Added:	11/15/2006 07:19:24	**Lat/Long Source:**	CORE
Timestamp Updt:	11/10/2014 08:17:06	**Lat/Long Site ID:**	242405
Staff ID Updt:	RGAGLE	**Lat/Long Spatial ID:**	51744691
Source:	CORE	**Collection Date:**	02/04/2011 11:35:48
Coord Src Type:		**Map Scale Code:**	
Coord Src Desc:		**Org Name Source:**	
Foreign State:		**Foreign Zone:**	
FIPS County Cd1:	123		

Addr Timestmp Add:	11/15/2006 07:19:09
Addr Timestamp Lst Updt:	02/04/2011 11:21:28
Addr Updater Staff ID:	SFRYE
Lat/Long Timestamp Added:	11/15/2006 07:19:32
Lat/Long Tmstmp Last Upd:	02/04/2011 11:35:50
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:	06/01/1992 00:00:00
Cond Closure Date:	
Release Discovered Date:	03/24/1992 00:00:00
Leaksite Type Code:	3
Leaksite Type Desc:	Both Leak/PBP Site
Leak Report Date:	03/24/1992 00:00:00
Tank Reg Status Code:	F
TMSP Added:	12/04/1999 14:03:46
TMSP Last Updt:	08/20/2013 12:46:00
CU Yds Excavated Qty:	35
ENF Action Begin Date:	04/01/1992 00:00:00
Residence Type Code:	
File Archive Box:	09
File Archive Lot:	96/53
Soil Digout Date:	03/25/1992 00:00:00
Staff ID Last Updt:	AEDDY

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

Std Letter Response Date:	
VPIC Acres:	33
VPIC Application Date:	
Contam Soils Remaining Flag:	N
Indoor Air Collected Flag:	
LUST Trust Eligible Flag:	No
Offsite Contam Flag:	U
REIMB Awarded Flag:	No
Release From AST Flag:	Yes
Release From UST Flag:	Yes
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 Rls

Product Rls Seq ID:	35350
Leak Product Desc:	Unknown
Leak Product Defn:	The product is unknown.

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 14:07:30
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:	
PWS Well Impacted Flag:	
Sensitive Area Flag:	

1	***7 of 12***	***-***	***0.00 / 0.00***	***1,004.35 / -37***	***Hillcrest Golf Club 1475 McKnight Rd Saint Paul MN***	***LST REM SITE***

Project ID:	LS0018327	***HRS Score Year:***	
Item ID:	109335-AREA0000000002	***SEMS?:***	
AI ID:	109335	***Inst Controls?:***	
AI Name:	Hillcrest Golf Club Maintenance Shed	***Petrol Brownfield?:***	

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

Status:	Closed	**Unpermitted Dump?:**	
Remed Site Type:	Leak Site	**Acreage:**	30
NPL?:		**Hydrogeol/Hydrol:**	John Kaehler (no longer at MPCA)
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:		**Latitude:**	44.98499493
EPA HRS Score:		**Longitude:**	-93.0052278
Project Manager:	Mark Koplitz (former)		
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=109335		
Location Desc:			
Coord Collection Method:	Digitized - MPCA internal mapping application		

--Details--

Activity ID:	SIW20110001	**Investigation Cmpltd:**	
Activity Description:	Leak Site Investigation	**Dt Listed on PLP:**	
Dt Leak Discovered:	1/24/2011	**Dt Delisted from PLP:**	
Dt Leak Reported:	1/31/2011	**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD Appl Rcvd:		**Dt Site Closed:**	6/15/2011
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

1	*8 of 12*	-	*0.00 / 0.00*	*1,004.35 / -37*	***Hillcrest Golf Course*** ***1475 McKnight Rd*** ***Saint Paul MN***	***LST*** ***REM SITE***

Project ID:	LS0005050	**HRS Score Year:**	
Item ID:	109335-AREA0000000003	**SEMS?:**	
AI ID:	109335	**Inst Controls?:**	
AI Name:	Hillcrest Golf Club Maintenance Shed	**Petrol Brownfield?:**	
Status:	Closed	**Unpermitted Dump?:**	
Remed Site Type:	Leak Site	**Acreage:**	33
NPL?:		**Hydrogeol/Hydrol:**	
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:		**Latitude:**	44.98499757
EPA HRS Score:		**Longitude:**	-93.00522542
Project Manager:	James Joslyn (no longer at MPCA)		
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=109335		
Location Desc:			
Coord Collection Method:	Digitized - MPCA internal mapping application		

--Details--

Activity ID:	SIW19920001	**Investigation Cmpltd:**	
Activity Description:	Leak Site Investigation	**Dt Listed on PLP:**	
Dt Leak Discovered:	3/24/1992	**Dt Delisted from PLP:**	
Dt Leak Reported:	3/24/1992	**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD Appl Rcvd:		**Dt Site Closed:**	6/1/1992
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

1	*9 of 12*	-	*0.00 / 0.00*	*1,004.35 / -37*	***Hillcrest Country Club*** ***1475 McKnight Rd*** ***Saint Paul MN***	***LST*** ***REM SITE***

Project ID:	LS0006222	**HRS Score Year:**	
Item ID:	109335-AREA0000000004	**SEMS?:**	
AI ID:	109335	**Inst Controls?:**	
AI Name:	Hillcrest Golf Club Maintenance Shed	**Petrol Brownfield?:**	
Status:	Closed	**Unpermitted Dump?:**	
Remed Site Type:	Leak Site	**Acreage:**	30
NPL?:		**Hydrogeol/Hydrol:**	John Kaehler (no longer at MPCA)

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

Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:		**Latitude:**	44.98499757
EPA HRS Score:		**Longitude:**	-93.00521165
Project Manager:	Dawn Duncanson-Davison (no longer at MPCA)		
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=109335		
Location Desc:			
Coord Collection Method:	Digitized - MPCA internal mapping application		

--Details--

Activity ID:	SIW19930001	**Investigation Cmpltd:**	
Activity Description:	Leak Site Investigation	**Dt Listed on PLP:**	
Dt Leak Discovered:	4/22/1993	**Dt Delisted from PLP:**	
Dt Leak Reported:	4/22/1993	**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD Appl Rcvd:		**Dt Site Closed:**	9/26/1994
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

1	***10 of 12***	***-***	***0.00 / 0.00***	***1,004.35 / -37***	***Hillcrest Golf Club Maintenance Shed 1475 McKnight Rd Saint Paul MN 55119***	***WIMN***

Item ID:	109335-AISI0000109335	**County Code:**	123
Agency Interest ID:	109335	**County:**	Ramsey
Status:	Active	**CTU Code:**	239651
Status Dat:		**CTU Name:**	Saint Paul
Document ID:	0	**Congress District Cd:**	4
Program:	BV, PR, UT	**House District:**	67A
MPCA Program Desc:	Brownfields, Petroleum Remediation, Underground Tanks	**Senate District:**	67
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	109335	**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:	11/20/2017	**PLS Range:**	
Tmsp Creat:	9/12/2006	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	1/9/2019	**PLS Quarters:**	
User Updt:	vsetter	**Latitude:**	44.9849975
Spatial ID:	51744690	**Longitude:**	-93.0052116
Method Code:	DM	**Method Desc:**	Digitized - MPCA internal mapping application
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

1	***11 of 12***	***-***	***0.00 / 0.00***	***1,004.35 / -37***	***Hillcrest Golf Club Maintenance Shed 1475 McKnight Rd Saint Paul MN 55119***	***UST***

Tank Site ID:	TS0016211	**Owner City:**	Saint Paul
AI ID:	109335	**Owner State:**	MN
Tank Type:	Underground Storage Tank System	**Owner Zip:**	55119
Owner:	Hillcrest Country Club	**Latitude Selected:**	44.93929295
Owner Address:	1475 McKnight Rd	**Longitude Selected:**	-93.00234483
Location Description:			
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=109335-TS0016211&programInterest=TS		

Tank Information

Tank ID:	109335-EQUI0000000003	***Status Change Date:***	4/22/1993
Tank Status:	Removed	***Install Date:***	5/1/1940
Tank Wall Type:	Single	***Latitude:***	44.93929295
Tank Material:	Bare/Paint/Asph Coat Steel	***Longitude:***	-93.00234483
Overfill Prevention System:			
Contractor of Tank:			
Coordinate Collection Method:	Public Land Survey-Two Quarter		
Subject Item Designation:	002		
Subject Item Description:			
Air Quality Permit Regulated:			
Aboveground Tank Prog Reg:			
Underground Tank Prog Reg:	Yes		

Compartment Information

Compartment ID:	109335-EQUI0000000003-1
Compartment No:	1
Substance:	Gasoline
Capacity(gal):	560

Tank Information

Tank ID:	109335-EQUI0000000002	***Status Change Date:***	4/22/1993
Tank Status:	Removed	***Install Date:***	6/2/1972
Tank Wall Type:	Single	***Latitude:***	44.98552939
Tank Material:	Bare/Paint/Asph Coat Steel	***Longitude:***	-93.00510214
Overfill Prevention System:			
Contractor of Tank:			
Coordinate Collection Method:	Address Matching House Number		
Subject Item Designation:	001		
Subject Item Description:			
Air Quality Permit Regulated:			
Aboveground Tank Prog Reg:			
Underground Tank Prog Reg:	Yes		

Compartment Information

Compartment ID:	109335-EQUI0000000002-1
Compartment No:	1
Substance:	Gasoline
Capacity(gal):	1000

Tank Information

Tank ID:	109335-EQUI0000000001	***Status Change Date:***	2/1/2011
Tank Status:	Removed	***Install Date:***	4/23/1993
Tank Wall Type:	Single	***Latitude:***	44.93929295
Tank Material:	STI-P3	***Longitude:***	-93.00234483
Overfill Prevention System:			
Contractor of Tank:			
Coordinate Collection Method:	Public Land Survey-Two Quarter		
Subject Item Designation:	003		
Subject Item Description:			
Air Quality Permit Regulated:			
Aboveground Tank Prog Reg:			
Underground Tank Prog Reg:	Yes		

Compartment Information

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

Compartment ID: 109335-EQUI0000000001-1
Compartment No: 1
Substance: Gasoline
Capacity(gal): 1000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	12 of 12	-	0.00 / 0.00	1,004.35 / -37	Hillcrest Country Club 1475 McKnight Rd Saint Paul MN 55119	VIC

Project ID: VP27200
Item ID: 109335-AREA0000000001
AI ID: 109335
AI Name: Hillcrest Golf Club Maintenance Shed
Site Status: Closed
Remed Site Type: Brownfield Site
NPL?:
Perm List of Prior?:
VIC Site?: Yes
EPA HRS Score:
HRS Score Year:

SEMS?:
Inst Controls?:
Petrol Brownfield?:
Unpermitted Dump?:
Acreage: 111
Project Manager: Gerald Stahnke (no longer at MPCA)
Hydrogeol/Hydrol:
Site County: Ramsey
Latitude: 44.98552939
Longitude: -93.00510213

What's in my Neighbourhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=109335
Location Description: **Note: Many records provided by the department have a truncated LOC_DESC field.
Coordinate Collection Method: Address Matching House Number

--Details--

Activity ID: SIW20110002
Activity Description: Brownfield Site
Dt Leak Discovered:
Dt Leak Reported:
No Further Action:
Dt BFLD App Recv: 4/20/2011
Fund Finance Apprvd:
Fund Finance Closed:
Assessment Cmpltd:

Investigation Cmpltd:
Dt Listed on PLP:
Dt Delisted from PLP:
Dt Listed on NPL:
Dt Deleted from NPL:
Dt Site Closed: 4/20/2012 10:18:57 AM
Remedy Selected:
Remedy Imp:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 3	-	0.00 / 0.00	1,025.69 / -16	HILLCREST COUNTRY CLUB 2200 E LARPENTEUR SAINT PAUL MN 55109-4866	FINDS/FRS

Registry ID: 110003775932
FIPS Code: 27123
HUC Code: 07010206
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 02-JUN-2016 18:37:34
Interest Types: CESQG, STATE MASTER
SIC Codes: 7992
SIC Code Descriptions: PUBLIC GOLF COURSES
NAICS Codes: 071391
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: 271230424024007
EPA Region Code: 05
County Name: RAMSEY
US/Mexico Border Ind:
Latitude: 44.99201
Longitude: -93.00766
Reference Point: CENTER OF A FACILITY OR STATION

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

Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110003775932
Program Acronyms:

MN-TEMPO:29394, RCRAINFO:MND076510486

2	2 of 3	-	0.00 / 0.00	1,025.69 / -16	Hillcrest Golf Club of Saint Paul 2200 E Larpenteur Ave Saint Paul MN 55109	WIMN

Item ID: 29394-AISI0000029394
Agency Interest ID: 29394
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: 29394
Subj Item Type Dsc: Conventional Site
Subj Item Designtn:
Description:
Ref Code: GEN
Ref Desc: General Location
Verified: No
Collection: 4/7/2016
Tmsp Creat: 7/26/1999
User Creat: DELTA_M_R1
Tmsp Updt: 4/26/2016
User Updt: spatial_
Spatial ID: 22166
Method Code: A1
Subject Item Category Desc: Agency Interest
HUC10 Name: City of Saint Paul-Mississippi River
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: 47
DWSMA Name: North Saint Paul
TRDSQQ:
PLS Township:
PLS Range:
PLS Range Direction:
PLS Section:
PLS Quarters:
Latitude: 44.9920577
Longitude: -93.0074267
Method Desc: Address Matching House Number

2	3 of 3	-	0.00 / 0.00	1,025.69 / -16	HILLCREST COUNTRY CLUB 2200 E LARPENTEUR AVE ST. PAUL MN 55109-4866	RCRA CESQG

EPA Handler ID: MND076510486
Gen Status Universe: Conditionally Exempt Small Quantity Generator
Contact Name: THOMAS SCHMIDT
Contact Address: 2200 E LARPENTEUR AVE , , ST. PAUL , MN, 55109-4866 , US
Contact Phone No and Ext: 651-777-5186
Contact Email:
Contact Country: US
County Name: RAMSEY
EPA Region: 05
Land Type: Private
Receive Date: 19891120

Violation/Evaluation Summary

Note: NO RECORDS: As of Dec 2018, 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:	19891120
Handler Name:	HILLCREST COUNTRY CLUB
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Source Type:	Notification

Waste Code Details

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:	D000
Waste Code Description:	DESCRIPTION
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

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:***	2200 E LARPENTEUR AVE
Name:	HILLCREST COUNTRY CLUB	***Street 2:***	
Date Became Current:	19990726	***City:***	ST. PAUL
Date Ended Current:		***State:***	MN
Phone:	651-777-5186	***Country:***	US
Source Type:	Notification	***Zip Code:***	55109-4866

3	*1 of 3*	*NNE*	*0.01 / 30.46*	*1,020.12 / -22*	***FOR YOUR SPORT*** ***2251 LARPENTEUR AVE E*** ***MAPLEWOOD MN 55109***	***FINDS/FRS***

Registry ID: 110003733684

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

FIPS Code:	27123
HUC Code:	07010206
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	02-JUN-2016 17:58:24
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:	271230424024011
EPA Region Code:	05
County Name:	RAMSEY
US/Mexico Border Ind:	
Latitude:	44.99201
Longitude:	-93.00559
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110003733684
Program Acronyms:	

MN-TEMPO:23687, RCRAINFO:MN0000603548

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of 3	NNE	0.01 / 30.46	1,020.12 / -22	For Your Sport 2251 Larpenteur Ave E Maplewood MN 55109	WIMN

Item ID:	23687-AISI0000023687	**County Code:**	123
Agency Interest ID:	23687	**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:	23687	**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:	9/28/2015	**PLS Range:**	
Tmsp Creat:	7/26/1999	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9922208
Spatial ID:	22315	**Longitude:**	-93.0051763
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of 3	NNE	0.01 / 30.46	1,020.12 / -22	FOR YOUR SPORT 2251 LARPENTEUR AVE E MAPLEWOOD MN 55109	RCRA NON GEN

EPA Handler ID: MN0000603548
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: 19950602

Violation/Evaluation Summary

Note: NO RECORDS: As of Dec 2018, 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: 19950602
Handler Name: FOR YOUR SPORT
Generator Status Universe: No Report
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19940819
Handler Name: FOR YOUR SPORT
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

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

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

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.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	2251 LARPENTEUR AVE E
Name:	MODRYNSKI TONY	***Street 2:***	
Date Became Current:		***City:***	MAPLEWOOD
Date Ended Current:		***State:***	MN
Phone:	612-770-2198	***Country:***	
Source Type:	Notification	***Zip Code:***	55109

4	*1 of 2*	*NNE*	*0.05 / 244.96*	*1,023.45 / -18*	***Dale's Furniture Refinishing*** ***1695 McKnight Rd*** ***Maplewood MN 55109***	***WIMN***

Item ID:	100450-AISI0000100450	***County Code:***	123
Agency Interest ID:	100450	***County:***	Ramsey
Status:	Inactive	***CTU Code:***	239584
Status Dat:	9/11/2008	***CTU Name:***	Maplewood
Document ID:	0	***Congress District Cd:***	4
Program:	HW	***House District:***	43A
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:	100450	***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:	6/30/2016	***PLS Range:***	
Tmsp Creat:	10/25/2004	***PLS Range Direction:***	
User Creat:	DELTA_M_R1	***PLS Section:***	
Tmsp Updt:	6/30/2016	***PLS Quarters:***	
User Updt:	geo_nc	***Latitude:***	45.0153957
Spatial ID:	97830	***Longitude:***	-93.02779198
Method Code:	Q2	***Method Desc:***	Public Land Survey-Two Quarter
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

4	*2 of 2*	*NNE*	*0.05 / 244.96*	*1,023.45 / -18*	***DALE'S FURNITURE REFINISHING*** ***1695 MCKNIGHT RD*** ***MAPLEWOOD MN 55109***	***RCRA NON GEN***

EPA Handler ID:	MNS000107433
Gen Status Universe:	No Report
Contact Name:	DALE URBAN
Contact Address:	1695 MCKNIGHT RD , , MAPLEWOOD , MN, 55109 , US
Contact Phone No and Ext:	651-748-9465
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	20080910

Violation/Evaluation Summary

Note: NO RECORDS: As of Dec 2018, 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:	20080910
Handler Name:	DALE'S FURNITURE REFINISHING
Generator Status Universe:	No Report
Source Type:	Notification

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	1695 MCKNIGHT RD
Name:	DALE'S FURNITURE REFINISHING	***Street 2:***	
Date Became Current:	20041025	***City:***	MAPLEWOOD
Date Ended Current:	20080911	***State:***	MN
Phone:	651-748-9465	***Country:***	US
Source Type:	Notification	***Zip Code:***	55109

5	*1 of 5*	*NNE*	*0.05 / 268.79*	*1,026.43 / -15*	***Clark*** ***1690 McKnight Rd N*** ***Maplewood MN 55109***	***ALT FUELS***

ID:	104851	***Dt Last Confirmed:***	2018-12-11
Fuel Type Code:	E85: E85 Ethanol	***Expected Date:***	2019-03-05
Status:	Planned: The station is not yet open, but plans to carry alternative fuel in the future, or the station is temporarily out of service. See the "Expected Date" field for an anticipated open date.	***Updated at:***	2018-12-11 18:29:49 UTC
Open Date:		***Station Phone:***	
Federal Agency ID:		***NG Vehicle Class:***	
Federal Agency:		***BD Blends:***	
Fed Agency Name:		***NG Fill Type Code:***	
Owner Type Desc:	Privately owned	***NG PSI:***	
Latitude:	44.992645		
Longitude:	-93.003641		
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.		
Intersection Directions:			
LPG Primary Desc:			
Hydrogen Status Link:			
LPG Primary:			
E85 Blender Pump:	true		
E85 Blender Pump Desc:	In addition to E85, the station has a blender pump capable of providing mid-level ethanol blends.		
NG Fill Type Desc:			
NG V Class Desc:			

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

Hydrogen is Retail:

5	2 of 5	NNE	0.05 / 268.79	1,026.43 / -15	Swenson Chiropractic 1690 McKnight Rd N Maplewood MN 55109	WIMN

Item ID:	59327-AISI0000059327	**County Code:**	123
Agency Interest ID:	59327	**County:**	Ramsey
Status:	Inactive	**CTU Code:**	239584
Status Dat:	4/19/2007	**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:	59327	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	7/19/2000	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9926959
Spatial ID:	53679	**Longitude:**	-93.0036733
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

5	3 of 5	NNE	0.05 / 268.79	1,026.43 / -15	Maddies Market 1690 McKnight Rd N Maplewood MN 55109	WIMN

Item ID:	117811-AISI0000117811	**County Code:**	123
Agency Interest ID:	117811	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	UT	**House District:**	43A
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:	117811	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	9/12/2006	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	10/22/2018	**PLS Quarters:**	
User Updt:	vsetter	**Latitude:**	45.013955
Spatial ID:	51420534	**Longitude:**	-93.025752
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	4 of 5	NNE	0.05 / 268.79	1,026.43 / -15	SWENSON CHIROPRACTIC 1690 MCKNIGHT RD N MAPLEWOOD MN 55109	RCRA NON GEN

EPA Handler ID:	MND985672914
Gen Status Universe:	No Report
Contact Name:	ERICK SWENSON
Contact Address:	2485 MAPLEWOOD DR STE 215 , , MAPLEWOOD , MN, 55109 , US
Contact Phone No and Ext:	651-770-7938
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	20070417

Violation/Evaluation Summary

Note:	NO RECORDS: As of Dec 2018, 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:	20070417
Handler Name:	SWENSON CHIROPRACTIC
Generator Status Universe:	No Report
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	**Street No:**	
Type:	Private	**Street 1:**	1690 MCKNIGHT RD N
Name:	SWENSON CHIROPRACTIC	**Street 2:**	
Date Became Current:	20000719	**City:**	MAPLEWOOD
Date Ended Current:	20070419	**State:**	MN

Phone:	651-770-7938	**Country:**	US
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
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1690 MCKNIGHT RD
Name:	SWENSON ERICK	**Street 2:**	
Date Became Current:		**City:**	MAPLEWOOD
Date Ended Current:		**State:**	MN
Phone:	651-770-7938	**Country:**	
Source Type:	Notification	**Zip Code:**	55109

5	5 of 5	NNE	0.05 / 268.79	1,026.43 / -15	Maddies Market 1690 McKnight Rd N Maplewood MN 55109	UST

Tank Site ID:	TS0014405	**Owner City:**	
AI ID:	117811	**Owner State:**	
Tank Type:	Underground Storage Tank System	**Owner Zip:**	
Owner:	Tom Thumb Food Markets, Inc.	**Latitude Selected:**	45.01180669
Owner Address:		**Longitude Selected:**	-93.02776753
Location Description:			

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=117811-TS0014405&programInterest=TS

Tank Information

Tank ID:	117811-EQUI0000000002	**Status Change Date:**	11/17/2009
Tank Status:	Active	**Install Date:**	11/15/1987
Tank Wall Type:	Single	**Latitude:**	44.99267659
Tank Material:	STI-P3	**Longitude:**	-93.0049286

Overfill Prevention System:
Contractor of Tank: Zahl Petroleum Maintenance
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 002
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes

Compartment Information

Compartment ID: 117811-EQUI0000000002-1
Compartment No: 1
Substance: Gasoline
Capacity(gal): 12000

Tank Information

Tank ID:	117811-EQUI0000000001	**Status Change Date:**	11/17/2009
Tank Status:	Active	**Install Date:**	11/15/1987
Tank Wall Type:	Single	**Latitude:**	45.01180669
Tank Material:	STI-P3	**Longitude:**	-93.02776753

Overfill Prevention System:
Contractor of Tank: Zahl Petroleum Maintenance
Coordinate Collection Method: Public Land Survey-Two Quarter
Subject Item Designation: 001
Subject Item Description:
Air Quality Permit Regulated:

Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes

Compartment Information

Compartment ID: 117811-EQUI0000000001-1
Compartment No: 1
Substance: Gasoline
Capacity(gal): 12000

Tank Information

Tank ID: 117811-EQUI0000000003
Tank Status: Active
Tank Wall Type: Single
Tank Material: STI-P3
Status Change Date: 11/17/2009
Install Date: 11/15/1987
Latitude: 44.99267659
Longitude: -93.0049286
Overfill Prevention System:
Contractor of Tank: Zahl Petroleum Maintenance
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 003
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes

Compartment Information

Compartment ID: 117811-EQUI0000000003-1
Compartment No: 1
Substance: Gasoline
Capacity(gal): 12000

6	1 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Service 1300 N McKnight Rd Maplewood MN 55119	AST

Tank Site ID: TS0051196
Owner: Yocum Oil Co
Owner Address: 2719 Stillwater Rd
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55119
AI ID: 111580
AI Name: Bulk Service
Address: 1300 N McKnight Rd
City: Maplewood
State: MN
Zip: 55119
Latitude Selected:
Longitude Selected:
Tank Type: Aboveground Storage Tank
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=111580-TS0051196&programInterest=TS
Location Description:

Tank Information

Tank ID: 111580-EQUI0000000001
Tank Status: Active
Tank Wall Type: Single
Tank Material: Carbon steel
Status Change Date: 4/1/1985
Install Date: 4/1/1985
Latitude:
Longitude:
Overfill Prevention System: AST None
Contractor of Tank:
Coordinate Collection Method:
Subject Item Designation: 1001
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg: Yes
Underground Tank Prog Reg:

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

Compartment Information

Compartment ID: 111580-EQUI0000000001-1
Compartment No: 1
Substance: Diesel Fuel
Capacity (gal): 300

6	2 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Services #2 1300 N McKnight Rd Maplewood MN 55119	BROWNFIELDS

Project ID: VP5231
Item ID: 187024-AREA0000000002
AI ID: 187024
AI Name: Bulk Services
Site Status: Closed
Remed Site Type: Brownfield Site
NPL:
Perm List of Prior?:
VIC Site?: Yes
EPA HRS Score:
HRS Score Year:
SEMS?:
Inst Controls?:
Petrol Brownfield?:
Unpermitted Dump?:
Acreage: 32
Project Manager: Karen Kromar (former)
Hydrogeol/Hydrol: Catherine O'Dell (former)
Site County: Ramsey
Latitude: 44.97985204
Longitude: -93.00273759
What's in My Neighborhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187024
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coord Coll Meth: Address Matching House Number

--Details--
Activity ID: SIW19970001
Activity Description: Brownfield Site
Dt Leak Discovered:
Dt Leak Reported:
No Further Action:
Dt BFLD App Recv: 5/20/1997
Fund Finance Apprvd:
Fund Finance Closed:
Assessment Cmpltd:
Investigation Cmpltd:
Dt Listed on PLP:
Dt Delisted from PLP:
Dt Listed on NPL:
Dt Deleted from NPL:
Dt Site Closed: 4/2/2000
Remedy Selected:
Remedy Imp:

6	3 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Storage 1300 N McKnight Rd Maplewood MN 55119	BROWNFIELDS

Project ID: VP5232
Item ID: 187024-AREA0000000003
AI ID: 187024
AI Name: Bulk Services
Site Status: Closed
Remed Site Type: Brownfield Site
NPL:
Perm List of Prior?:
VIC Site?: Yes
EPA HRS Score:
HRS Score Year:
SEMS?:
Inst Controls?:
Petrol Brownfield?:
Unpermitted Dump?:
Acreage: 32
Project Manager: Karen Kromar (former)
Hydrogeol/Hydrol: Catherine O'Dell (former)
Site County: Ramsey
Latitude: 44.97985204
Longitude: -93.00273759
What's in My Neighborhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187024
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coord Coll Meth: Address Matching House Number

--Details--
Activity ID: SIW19980001
Activity Description: Brownfield Site
Dt Leak Discovered:
Dt Leak Reported:
No Further Action:
Investigation Cmpltd:
Dt Listed on PLP:
Dt Delisted from PLP:
Dt Listed on NPL:
Dt Deleted from NPL:

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

Dt BFLD App Recv:	4/2/1998	**Dt Site Closed:**	10/26/2000
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

6	4 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Services 1300 N McKnight Rd Maplewood MN 55119	BROWNFIELDS

Project ID:	VP5230	**SEMS?:**	
Item ID:	187024-AREA0000000001	**Inst Controls?:**	
AI ID:	187024	**Petrol Brownfield?:**	
AI Name:	Bulk Services	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	32
Remed Site Type:	Brownfield Site	**Project Manager:**	
NPL:		**Hydrogeol/Hydrol:**	
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:	Yes	**Latitude:**	44.97985204
EPA HRS Score:		**Longitude:**	-93.00273759
HRS Score Year:			

What's in My Neighborhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187024
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coord Coll Meth: Address Matching House Number

--Details--

Activity ID:	SIW19940001	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	9/20/1994	**Dt Site Closed:**	3/12/1996
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

6	5 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Services 1300 N McKnight Rd Maplewood MN 55119	WIMN

Item ID:	187024-AISI0000187024	**County Code:**	123
Agency Interest ID:	187024	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	BV	**House District:**	53A
MPCA Program Desc:	Brownfields	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	187024	**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:**	02922224cb
Verified:	No	**PLS Township:**	029
Collection:	4/25/2016	**PLS Range:**	22
Tmsp Creat:	11/9/2005	**PLS Range Direction:**	W
User Creat:	DELTA_M_R2	**PLS Section:**	24
Tmsp Updt:	4/26/2016	**PLS Quarters:**	cb
User Updt:	spatial_	**Latitude:**	44.98126245
Spatial ID:	50646377	**Longitude:**	-93.00144855
Method Code:	I1	**Method Desc:**	Digitized-DRG
Subject Item Category Desc:	Agency Interest		

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

HUC10 Name: City of Saint Paul-Mississippi River
Location Description: CSLL: Center of Site

6	6 of 10	SSE	0.06 / 293.18	984.53 / -57	Feed Products North Inc 1300 N McKnight Rd Maplewood MN 55119	WIMN

Item ID:	6157-AISI0000006157	**County Code:**	123
Agency Interest ID:	6157	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	IS	**House District:**	53A
MPCA Program Desc:	Industrial Stormwater	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	6157	**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:**	02922224c
Verified:	Yes	**PLS Township:**	029
Collection:	4/25/2016	**PLS Range:**	22
Tmsp Creat:	5/20/1999	**PLS Range Direction:**	W
User Creat:	DELTA_M_R1	**PLS Section:**	24
Tmsp Updt:	4/26/2016	**PLS Quarters:**	c
User Updt:	spatial_	**Latitude:**	44.9805376
Spatial ID:	9445	**Longitude:**	-93.0047653
Method Code:	A1	**Method Desc:**	Address Matching House Number

Subject Item Category Desc: Agency Interest
HUC10 Name: City of Saint Paul-Mississippi River
Location Description: CSLL: Site along road used for address match

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6	7 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Service 1300 N McKnight Rd Maplewood MN 55119	WIMN

Item ID:	111580-AISI0000111580	**County Code:**	123
Agency Interest ID:	111580	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	AT	**House District:**	53A
MPCA Program Desc:	Aboveground Tank	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	111580	**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:	4/7/2016	**PLS Range:**	
Tmsp Creat:	9/14/2006	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/7/2016	**PLS Quarters:**	
User Updt:	geo_nc	**Latitude:**	44.979852
Spatial ID:	51431892	**Longitude:**	-93.0027375
Method Code:	A1	**Method Desc:**	Address Matching House Number

Subject Item Category Desc: Agency Interest
HUC10 Name: City of Saint Paul-Mississippi River
Location Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	8 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Services 1300 N McKnight Rd Maplewood MN 55119	VIC

Project ID:	VP5230	**SEMS?:**	
Item ID:	187024-AREA0000000001	**Inst Controls?:**	
AI ID:	187024	**Petrol Brownfield?:**	
AI Name:	Bulk Services	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	32
Remed Site Type:	Brownfield Site	**Project Manager:**	
NPL?:		**Hydrogeol/Hydrol:**	
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:	Yes	**Latitude:**	44.97985204
EPA HRS Score:		**Longitude:**	-93.00273759
HRS Score Year:			

What's in my Neighbourhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187024
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coordinate Collection Method: Address Matching House Number

--Details--

Activity ID:	SIW19940001	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	9/20/1994	**Dt Site Closed:**	3/12/1996
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	9 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Services #2 1300 N McKnight Rd Maplewood MN 55119	VIC

Project ID:	VP5231	**SEMS?:**	
Item ID:	187024-AREA0000000002	**Inst Controls?:**	
AI ID:	187024	**Petrol Brownfield?:**	
AI Name:	Bulk Services	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	32
Remed Site Type:	Brownfield Site	**Project Manager:**	Karen Kromar (former)
NPL?:		**Hydrogeol/Hydrol:**	Catherine O'Dell (former)
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:	Yes	**Latitude:**	44.97985204
EPA HRS Score:		**Longitude:**	-93.00273759
HRS Score Year:			

What's in my Neighbourhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187024
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coordinate Collection Method: Address Matching House Number

--Details--

Activity ID:	SIW19970001	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	5/20/1997	**Dt Site Closed:**	4/2/2000
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	10 of 10	SSE	0.06 / 293.18	984.53 / -57	Bulk Storage 1300 N McKnight Rd Maplewood MN 55119	VIC

Project ID:	VP5232	**SEMS?:**	
Item ID:	187024-AREA0000000003	**Inst Controls?:**	
AI ID:	187024	**Petrol Brownfield?:**	
AI Name:	Bulk Services	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	32
Remed Site Type:	Brownfield Site	**Project Manager:**	Karen Kromar (former)
NPL?:		**Hydrogeol/Hydrol:**	Catherine O'Dell (former)
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:	Yes	**Latitude:**	44.97985204
EPA HRS Score:		**Longitude:**	-93.00273759
HRS Score Year:			

What's in my Neighbourhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187024
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coordinate Collection Method: Address Matching House Number

--Details--

Activity ID:	SIW19980001	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	4/2/1998	**Dt Site Closed:**	10/26/2000
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 1	NNW	0.06 / 295.58	1,007.34 / -34	Beebe Road Street Improvements Beebe Road from Larpenteur Ave to Holloway Ave. Maplewood MN 55109	WIMN

Item ID:	212472-AISI0000212472	**County Code:**	123
Agency Interest ID:	212472	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	CS	**House District:**	43B
MPCA Program Desc:	Construction Stormwater	**Senate District:**	43
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	212472	**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:	6/30/2016	**PLS Range:**	
Tmsp Creat:	5/10/2016	**PLS Range Direction:**	
User Creat:	RSP	**PLS Section:**	
Tmsp Updt:	6/30/2016	**PLS Quarters:**	
User Updt:	geo_nc	**Latitude:**	44.992016
Spatial ID:		**Longitude:**	-93.0113
Method Code:	DP	**Method Desc:**	Digitized - Permit Application Map

Subject Item Category Desc: Agency Interest
HUC10 Name: City of Saint Paul-Mississippi River
Location Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 1	SSW	0.13 / 698.85	985.23 / -57	Gregory Weyrauch property 2103 Hawthorne Ave E Saint Paul MN 55119	WIMN

Item ID:	155516-AISI0000155516	**County Code:**	123
Agency Interest ID:	155516	**County:**	Ramsey
Status:	Active	**CTU Code:**	239651
Status Dat:		**CTU Name:**	Saint Paul
Document ID:	0	**Congress District Cd:**	4
Program:		**House District:**	67A
MPCA Program Desc:		**Senate District:**	67
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	155516	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	9/26/2015	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.97944224
Spatial ID:		**Longitude:**	-93.01124346
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

9	1 of 3	SSE	0.16 / 824.45	998.50 / -43	Bulk Storage Corp 1300 McKnight Rd N Maplewood MN 55119	WIMN

Item ID:	27700-AISI0000027700	**County Code:**	123
Agency Interest ID:	27700	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	HW	**House District:**	53A
MPCA Program Desc:	Hazardous Waste	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	27700	**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:	4/7/2016	**PLS Range:**	
Tmsp Creat:	7/26/1999	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9805379
Spatial ID:	22682	**Longitude:**	-93.0047899
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

9	2 of 3	SSE	0.16 / 824.45	998.50 / -43	BULK STORAGE CORP 1300 MCKNIGHT RD N MAPLEWOOD MN 55119-3127	RCRA CESQG

EPA Handler ID:	MN0000688465
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	RICHARD ENLOE
Contact Address:	1300 MCKNIGHT RD N , , MAPLEWOOD , MN, 55119-3127 , US
Contact Phone No and Ext:	651-777-3132
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	19940907

Violation/Evaluation Summary

Note:	NO RECORDS: As of Dec 2018, 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:	19940907
Handler Name:	BULK STORAGE CORP
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	X001
Waste Code Description:	DESCRIPTION
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	D000
Waste Code Description:	DESCRIPTION
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:**	1300 MCKNIGHT RD N
Name:	BULK STORAGE CORP	**Street 2:**	
Date Became Current:	19990726	**City:**	MAPLEWOOD
Date Ended Current:		**State:**	MN
Phone:	651-777-3132	**Country:**	US
Source Type:	Notification	**Zip Code:**	55119-3127
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1300 N MCKNIGHT RD
Name:	BULK STORAGE CORP	**Street 2:**	
Date Became Current:		**City:**	ST PAUL
Date Ended Current:		**State:**	MN
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	55119

9	3 of 3	SSE	0.16 / 824.45	998.50 / -43	FEED PRODUCTS & SERVICE CO 1300 MCKNIGHT RD N MAPLEWOOD MN 55119-3127	RCRA NON GEN

EPA Handler ID:	MNR000065094
Gen Status Universe:	No Report
Contact Name:	FRANK RIVARD
Contact Address:	1300 MCKNIGHT RD N , , MAPLEWOOD , MN, 55119 , US
Contact Phone No and Ext:	651-777-3132
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05
Land Type:	Private
Receive Date:	19990302

Violation/Evaluation Summary

Note: NO RECORDS: As of Dec 2018, 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:	19990302
Handler Name:	FEED PRODUCTS & SERVICE CO
Generator Status Universe:	No Report
Source Type:	Notification

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

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	810 S 1ST ST STE 230
Name:	FEED PRODUCTS NORTH INC	***Street 2:***	
Date Became Current:		***City:***	HOPKINS
Date Ended Current:		***State:***	MN
Phone:	612-935-5577	***Country:***	
Source Type:	Notification	***Zip Code:***	55343

10	*1 of 4*	*NW*	*0.17 / 893.72*	*1,001.99 / -40*	***Mounds Park Academy - Phase II*** ***2051 Larpenteur Ave E*** ***Maplewood MN 55109***	***WIMN***

Item ID:	86566-AISI0000086566	***County Code:***	123
Agency Interest ID:	86566	***County:***	Ramsey
Status:	Inactive	***CTU Code:***	239584
Status Dat:	1/22/2007 4:16:21 PM	***CTU Name:***	Maplewood
Document ID:	0	***Congress District Cd:***	4
Program:	CS	***House District:***	43B
MPCA Program Desc:	Construction Stormwater	***Senate District:***	43
Subject Item Type:	CON	***HUC8:***	07010206
Subject Item Ctgry:	AISI	***HUC8 Name:***	Mississippi River - Twin Cities
Subject Item ID:	86566	***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:	9/27/2015	***PLS Range:***	
Tmsp Creat:	4/4/2005	***PLS Range Direction:***	
User Creat:	DELTA_M_R1	***PLS Section:***	
Tmsp Updt:	4/26/2016	***PLS Quarters:***	
User Updt:	spatial_	***Latitude:***	44.9920348
Spatial ID:	99752	***Longitude:***	-93.0136741
Method Code:	A1	***Method Desc:***	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

10	*2 of 4*	*NW*	*0.17 / 893.72*	*1,001.99 / -40*	***Mounds Park Academy*** ***2051 Larpenteur Ave E*** ***Maplewood MN 55109***	***WIMN***

Item ID:	22909-AISI0000022909	***County Code:***	123
Agency Interest ID:	22909	***County:***	Ramsey
Status:	Active	***CTU Code:***	239584
Status Dat:		***CTU Name:***	Maplewood
Document ID:	0	***Congress District Cd:***	4
Program:	HW	***House District:***	43B

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

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:	22909	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	7/26/1999	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9921278
Spatial ID:	21534	**Longitude:**	-93.0134838
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

10	3 of 4	NW	0.17 / 893.72	1,001.99 / -40	**Mounds Park Academy** **2051 Larpenteur Ave E** **Maplewood MN 55109**	WIMN

Item ID:	86615-AISI0000086615	**County Code:**	123
Agency Interest ID:	86615	**County:**	Ramsey
Status:	Inactive	**CTU Code:**	239584
Status Dat:	1/30/2006 7:57:52 AM	**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	CS	**House District:**	43B
MPCA Program Desc:	Construction Stormwater	**Senate District:**	43
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	86615	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	6/4/2004	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9920348
Spatial ID:	94447	**Longitude:**	-93.0136741
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

10	4 of 4	NW	0.17 / 893.72	1,001.99 / -40	**MOUNDS PARK ACADEMY** **2051 LARPENTEUR AVE E** **MAPLEWOOD MN 55109-4785**	RCRA CESQG

EPA Handler ID:	MND985762269
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	RANDALL BACHMAN
Contact Address:	2051 LARPENTEUR AVE E , , MAPLEWOOD , MN, 55109-4785 , US
Contact Phone No and Ext:	507-287-2300
Contact Email:	
Contact Country:	US
County Name:	RAMSEY
EPA Region:	05

Land Type: Private
Receive Date: 19930419

Violation/Evaluation Summary

Note: NO RECORDS: As of Dec 2018, 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: 19930419
Handler Name: MOUNDS PARK ACADEMY
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: X001
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F001

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

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2051 LARPENTEUR AVE E
Name:	MOUNDS PARK ACADEMY	**Street 2:**	
Date Became Current:	19990726	**City:**	MAPLEWOOD
Date Ended Current:		**State:**	MN
Phone:	507-287-2300	**Country:**	US
Source Type:	Notification	**Zip Code:**	55109-4785

11	1 of 4	NE	0.23 / 1,219.54	1,014.48 / -27	Maplewood Apartments 2367 Larpenter Ave E Maplewood MN 55109	HIST LUST

Prog Int ID:	73713843	**Address Source:**	CORE
Site ID:	226023	**Township Name:**	White Bear
State County Code:	62	**County Name:**	Ramsey
Country:	USA	**Lat/Long ID:**	165086
Interest Type Cd:	LS	**Interest Type Dsc:**	Leak Site
ADDR ID:	204212	**Lat Degrees:**	44
Tank Site:	19792	**Lat Minutes:**	59
Interest Phone:	NO CORE PI PH.	**Lat Seconds:**	31.61
Interest Start Dt:	04/29/2015 00:00:00	**Long Degrees:**	-92
Interest End Dt:		**Long Minutes:**	59
Active?:	Yes	**Long Seconds:**	59.17
Timestamp Added:	04/29/2015 12:04:47	**Lat/Long Source:**	CORE
Timestamp Updt:	04/29/2015 13:43:51	**Lat/Long Site ID:**	226023
Staff ID Updt:	BSCHULL	**Lat/Long Spatial ID:**	73713844
Source:	CORE	**Collection Date:**	04/29/2015 17:49:49
Coord Src Type:		**Map Scale Code:**	
Coord Src Desc:		**Org Name Source:**	
Foreign State:		**Foreign Zone:**	
FIPS County Cd1:	123		
Addr Timestmp Add:	09/13/2006 07:41:56		
Addr Timestamp Lst Updt:	04/29/2015 13:43:48		
Addr Updater Staff ID:	BSCHULL		
Lat/Long Timestamp Added:	03/29/2010 18:44:11		
Lat/Long Tmstmp Last Upd:	04/29/2015 18:00:59		
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:	
Cond Closure Date:	
Release Discovered Date:	04/28/2015 00:00:00
Leaksite Type Code:	1
Leaksite Type Desc:	Leak Site
Leak Report Date:	04/28/2015 00:00:00
Tank Reg Status Code:	S
TMSP Added:	04/29/2015 13:50:08
TMSP Last Updt:	03/22/2016 14:22:15
CU Yds Excavated Qty:	

ENF Action Begin Date:	05/05/2015 00:00:00
Residence Type Code:	1
File Archive Box:	
File Archive Lot:	
Soil Digout Date:	
Staff ID Last Updt:	RWIRTH
Std Letter Response Date:	
VPIC Acres:	
VPIC Application Date:	
Contam Soils Remaining Flag:	U
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:	Yes
Soil Gas Data Collected Flag:	Yes
Sub Slab Sample Collected Flag:	
Surface Water Impact Flag:	U
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:	
Vapor Intrusion Comments:	Since the tank basin is adjacent to the building and one of the pet. compounds was over 10x the ISV and benzene was near the ISV, a subslab sample is recommended.

Leak Product Rls

Product Rls Seq ID:	170416
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:	0
Affected Residential Props:	12
Staff ID Last Updt:	JPENNIN
Staff ID Wellhead Area Assess:	3371
TMSP Added:	12/30/2015 13:05:40
TMSP Last Updt:	03/22/2016 12:02:20
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:	
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:	Yes
PWS Well Impacted Flag:	No
Sensitive Area Flag:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	2 of 4	NE	0.23 / 1,219.54	1,014.48 / -27	Maplewood Apartments 2367 Larpenter Ave E Maplewood MN	LST REM SITE

Project ID:	LS0019792	**HRS Score Year:**	
Item ID:	117964-AREA0000000001	**SEMS?:**	
AI ID:	117964	**Inst Controls?:**	
AI Name:	Maplewood Apartments	**Petrol Brownfield?:**	
Status:	Closed	**Unpermitted Dump?:**	
Remed Site Type:	Leak Site	**Acreage:**	
NPL?:		**Hydrogeol/Hydrol:**	Jim Pennino (former)
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:		**Latitude:**	44.993534
EPA HRS Score:		**Longitude:**	-93.00149128
Project Manager:	Roberta Wirth-Feeney (former)		
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=117964		
Location Desc:			
Coord Collection Method:	Digitized - MPCA internal mapping application		

--Details--

Activity ID:	SIW20150001	**Investigation Cmpltd:**	
Activity Description:	Leak Site Investigation	**Dt Listed on PLP:**	
Dt Leak Discovered:	4/28/2015	**Dt Delisted from PLP:**	
Dt Leak Reported:	4/28/2015	**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD Appl Rcvd:		**Dt Site Closed:**	10/18/2016 10:35:00 AM
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	3 of 4	NE	0.23 / 1,219.54	1,014.48 / -27	Maplewood Apartments 2367 Larpenteur Ave E Maplewood MN 55109	WIMN

Item ID:	117964-AISI0000117964	**County Code:**	123
Agency Interest ID:	117964	**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 Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	117964	**HUC10:**	0701020608
Subj Item Type Dsc:	Conventional Site	**HUC12:**	070102060803
Subj Item Designtn:		**HUC12 Name:**	Lake Phalen
Description:		**DWSMA Code:**	47
Ref Code:	CEN	**DWSMA Name:**	North Saint Paul
Ref Desc:	Center of Feature Represented	**TRDSQQ:**	02922213cc
Verified:	Yes	**PLS Township:**	029
Collection:	11/4/2016	**PLS Range:**	22
Tmsp Creat:	9/13/2006	**PLS Range Direction:**	W
User Creat:	DELTA_M_R1	**PLS Section:**	13
Tmsp Updt:	11/8/2016	**PLS Quarters:**	cc
User Updt:	kkircho	**Latitude:**	44.99353886
Spatial ID:	51425340	**Longitude:**	-93.00149757
Method Code:	DM	**Method Desc:**	Digitized - MPCA internal mapping application
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	4 of 4	NE	0.23 / 1,219.54	1,014.48 / -27	Maplewood Apartments 2367 Larpenteur Ave E Maplewood MN 55109-495	UST

Tank Site ID: TS0018484
AI ID: 117964
Tank Type: Underground Storage Tank System
Owner: Goldmark Property Management Inc
Owner Address: 7901 Xerxes Ave S Ste 200
Location Description:
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=117964-TS0018484&programInterest=TS
Owner City: Bloomington
Owner State: MN
Owner Zip: 554311281
Latitude Selected: 44.99213565
Longitude Selected: -92.99971297

Tank Information

Tank ID: 117964-EQUI0000000004
Tank Status:
Tank Wall Type:
Tank Material:
Overfill Prevention System:
Contractor of Tank:
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 2391
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes
Status Change Date:
Install Date:
Latitude: 44.99213565
Longitude: -92.99971297

Compartment Information

Compartment ID: 117964-EQUI0000000004-
Compartment No:
Substance:
Capacity(gal):

Tank Information

Tank ID: 117964-EQUI0000000005
Tank Status:
Tank Wall Type:
Tank Material:
Overfill Prevention System:
Contractor of Tank:
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 2425
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes
Status Change Date:
Install Date:
Latitude: 44.99213565
Longitude: -92.99971297

Compartment Information

Compartment ID: 117964-EQUI0000000005-
Compartment No:
Substance:
Capacity(gal):

Tank Information

Tank ID: 117964-EQUI0000000003
Tank Status:
Tank Wall Type:
Tank Material:
Overfill Prevention System:
Contractor of Tank:
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 2367
Status Change Date:
Install Date:
Latitude: 44.99213565
Longitude: -92.99971297

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

Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes

Compartment Information

Compartment ID: 117964-EQUI0000000003-
Compartment No:
Substance:
Capacity(gal):

Tank Information

Tank ID: 117964-EQUI0000000001
Tank Status: Removed
Tank Wall Type: Single
Tank Material: Bare/Paint/Asph Coat Steel
Status Change Date: 12/21/1993
Install Date: 1/1/1900
Latitude: 44.99213565
Longitude: -92.99971297
Overfill Prevention System:
Contractor of Tank:
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 002
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes

Compartment Information

Compartment ID: 117964-EQUI0000000001-1
Compartment No: 1
Substance: Fuel Oil
Capacity(gal): 2000

Tank Information

Tank ID: 117964-EQUI0000000002
Tank Status: Removed
Tank Wall Type: Single
Tank Material: Bare/Paint/Asph Coat Steel
Status Change Date: 12/21/1993
Install Date: 1/1/1900
Latitude: 44.99213565
Longitude: -92.99971297
Overfill Prevention System:
Contractor of Tank:
Coordinate Collection Method: Address Matching House Number
Subject Item Designation: 001
Subject Item Description:
Air Quality Permit Regulated:
Aboveground Tank Prog Reg:
Underground Tank Prog Reg: Yes

Compartment Information

Compartment ID: 117964-EQUI0000000002-1
Compartment No: 1
Substance: Fuel Oil
Capacity(gal): 2000

12	*1 of 1*	*S*	*0.25 / 1,324.92*	*979.23 / -63*	***Holeman Wayne D*** ***2207 Maryland Ave E*** ***Saint Paul MN 55119***	***WIMN***

Item ID: 30122-AISI0000030122
Agency Interest ID: 30122
County Code: 123
County: Ramsey

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

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:	30122	**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:	4/7/2016	**PLS Range:**	
Tmsp Creat:	7/26/1999	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9777364
Spatial ID:	22177	**Longitude:**	-93.007545
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

13	1 of 1	SSE	0.26 / 1,358.58	972.17 / -70	near Maryland Ave & McKnight Rd MN Maplewood MN	LST INCIDENT

Incident ID:	95241	**AI ID Source:**	
Incident Status:	Closed or Completed	**Source Address:**	
Incident Types:	Leaking Tank	**Source City:**	
Incident Date:	4/7/2016	**Source State:**	
Program:	Emergency Management	**Source Zip:**	
Closure Type:	No Action Necessary	**Source Latitude:**	
County:	Ramsey	**Source Longitude:**	
Source CM:			

Incident Substances

Parameter:	Unknown
Quantity:	
Units:	unknown

Lead Investigator and Duty Officer

Duty Officer No:	156873
Lead Investigator:	Jim Stockinger

14	1 of 3	NE	0.28 / 1,456.22	1,018.25 / -24	Maplewood Apartments 2391 Larpenteur Maplewood MN 55109	HIST LEAKSITES

Prog Int ID:	219727	**Address Source:**	CORE
Site ID:	243736	**Township Name:**	White Bear
State County Code:	62	**County Name:**	Ramsey
Country:	USA	**Lat/Long ID:**	131402
Interest Type Cd:	LS	**Interest Type Dsc:**	Leak Site
ADDR ID:	266754	**Lat Degrees:**	44
Tank Site:	7104	**Lat Minutes:**	59
Interest Phone:	NO CORE PI PH.	**Lat Seconds:**	31.83
Interest Start Dt:	02/25/1999 12:49:58	**Long Degrees:**	-92
Interest End Dt:	11/20/2006 07:20:01	**Long Minutes:**	59

Active?:	No	***Long Seconds:***	46.73
Timestamp Added:	11/20/2006 07:20:01	***Lat/Long Source:***	CORE
Timestamp Updt:	11/10/2014 08:17:06	***Lat/Long Site ID:***	243736
Staff ID Updt:	RGAGLE	***Lat/Long Spatial ID:***	51817500
Source:	CORE	***Collection Date:***	03/30/2010 19:00:18
Coord Src Type:		***Map Scale Code:***	
Coord Src Desc:		***Org Name Source:***	
Foreign State:		***Foreign Zone:***	
FIPS County Cd1:	123		

Addr Timestmp Add:	11/20/2006 07:19:43
Addr Timestamp Lst Updt:	11/04/2008 21:13:55
Addr Updater Staff ID:	SYSTEM
Lat/Long Timestamp Added:	11/20/2006 07:20:10
Lat/Long Tmstmp Last Upd:	03/30/2010 19:29:08
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:	07/19/1994 00:00:00
Cond Closure Date:	
Release Discovered Date:	12/21/1993 00:00:00
Leaksite Type Code:	1
Leaksite Type Desc:	Leak Site
Leak Report Date:	12/21/1993 00:00:00
Tank Reg Status Code:	U
TMSP Added:	12/04/1999 14:03:48
TMSP Last Updt:	11/20/2014 14:26:43
CU Yds Excavated Qty:	92
ENF Action Begin Date:	01/05/1994 00:00:00
Residence Type Code:	
File Archive Box:	04
File Archive Lot:	97/11
Soil Digout Date:	12/20/1993 00:00:00
Staff ID Last Updt:	DBOETTC
Std Letter Response Date:	
VPIC Acres:	
VPIC Application Date:	
Contam Soils Remaining Flag:	N
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 Rls

Product Rls Seq ID:	35358
Leak Product Desc:	Fuel Oil 1 & 2
Leak Product Defn:	The product is fuel oil 1 & 2.

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

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 14:07:32
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:	
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:	

14	*2 of 3*	*NE*	*0.28 / 1,456.22*	*1,018.25 / -24*	*Maplewood Apartments 2391 Larpenteur Maplewood MN*	*LST REM SITE*

Project ID:	LS0007104	***HRS Score Year:***	
Item ID:	189613-AREA0000000001	***SEMS?:***	
AI ID:	189613	***Inst Controls?:***	
AI Name:	Maplewood Apartments	***Petrol Brownfield?:***	
Status:	Closed	***Unpermitted Dump?:***	
Remed Site Type:	Leak Site	***Acreage:***	
NPL?:		***Hydrogeol/Hydrol:***	
Perm List of Prior?:		***Site County:***	Ramsey
VIC Site?:		***Latitude:***	44.99217724
EPA HRS Score:		***Longitude:***	-92.9963145
Project Manager:	James Joslyn (no longer at MPCA)		
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189613		
Location Desc:			
Coord Collection Method:	Address Matching House Number		

--Details--

Activity ID:	SIW19930001	***Investigation Cmpltd:***	
Activity Description:	Leak Site Investigation	***Dt Listed on PLP:***	
Dt Leak Discovered:	12/21/1993	***Dt Delisted from PLP:***	
Dt Leak Reported:	12/21/1993	***Dt Listed on NPL:***	
No Further Action:		***Dt Deleted from NPL:***	
Dt BFLD Appl Rcvd:		***Dt Site Closed:***	7/19/1994
Fund Finance Apprvd:		***Remedy Selected:***	
Fund Finance Closed:		***Remedy Imp:***	
Assessment Cmpltd:			

14	*3 of 3*	*NE*	*0.28 / 1,456.22*	*1,018.25 / -24*	*Maplewood Apartments 2391 Larpenteur Maplewood MN 55109*	*WIMN*

Item ID:	189613-AISI0000189613	***County Code:***	123

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

Agency Interest ID:	189613	**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 Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	189613	**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:	4/25/2016	**PLS Range:**	
Tmsp Creat:	11/20/2006	**PLS Range Direction:**	
User Creat:	DELTA_M_R2	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9921772
Spatial ID:	51817499	**Longitude:**	-92.9963145
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	1 of 1	NNW	0.29 / 1,509.13	1,019.26 / -23	ISD 622 1801 Beebe Rd North Saint Paul MN 55109	WIMN

Item ID:	23816-AISI0000023816	**County Code:**	123
Agency Interest ID:	23816	**County:**	Ramsey
Status:	Inactive	**CTU Code:**	239584
Status Dat:	2/27/2001	**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:	23816	**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:	9/28/2015	**PLS Range:**	
Tmsp Creat:	7/26/1999	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9957751
Spatial ID:	22487	**Longitude:**	-93.0124536
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 1	SE	0.34 / 1,810.71	961.55 / -80	South Winds Townhomes Beebe Rd N of Larpenteur Ave Maplewood MN 55109	WIMN

Item ID:	12185-AISI0000012185	**County Code:**	123
Agency Interest ID:	12185	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood

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

Document ID:	0	**Congress District Cd:**	4
Program:	CS	**House District:**	53A
MPCA Program Desc:	Construction Stormwater	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	12185	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	4/5/1999	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9781605
Spatial ID:	8400	**Longitude:**	-92.9996795
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

17	1 of 6	SSE	0.36 / 1,887.19	954.24 / -88	Rosewood Estate Maryland and Lakewood Maplewood MN 55119	BROWNFIELDS

Project ID:	VP4320	**SEMS?:**	
Item ID:	189607-AREA0000000001	**Inst Controls?:**	
AI ID:	189607	**Petrol Brownfield?:**	
AI Name:	Rosewood Estates	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	1
Remed Site Type:	Brownfield Site	**Project Manager:**	Gerald Stahnke (no longer at MPCA)
NPL:		**Hydrogeol/Hydrol:**	Jonathan Smith (no longer at MPCA)
Perm List of Prior?:		**Site County:**	Ramsey
VIC Site?:	Yes	**Latitude:**	44.97717285
EPA HRS Score:		**Longitude:**	-92.99958801
HRS Score Year:			
What's in My Neighborhood:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189607		
Location Description:	None None **Note: Many records provided by the department have a truncated LOC_DESC field.		
Coord Coll Meth:	Digitized-DRG		

--Details--

Activity ID:	SIW19930001	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	11/18/1993	**Dt Site Closed:**	11/15/1997
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

17	2 of 6	SSE	0.36 / 1,887.19	954.24 / -88	Rosewood Estate SE Corner of Lakewood Dr & Maryland Ave Maplewood MN 55109	WIMN

Item ID:	3298-AISI0000003298	**County Code:**	123
Agency Interest ID:	3298	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4

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

Program:	CS	**House District:**	53A
MPCA Program Desc:	Construction Stormwater	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	3298	**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:	Yes	**PLS Township:**	
Collection:	4/25/2016	**PLS Range:**	
Tmsp Creat:	12/15/1998	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.97772567
Spatial ID:	6584	**Longitude:**	-92.99993697
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:	CSLL: Road Intersection near Site		

17	3 of 6	SSE	0.36 / 1,887.19	954.24 / -88	**Beaver Lake Townhomes Sanitary Sewer** **SE Corner of Lakewood Dr & Maryland Ave** **Maplewood MN 55109**	WIMN

Item ID:	80107-AISI0000080107	**County Code:**	123
Agency Interest ID:	80107	**County:**	Ramsey
Status:	Inactive	**CTU Code:**	239584
Status Dat:	3/28/2007 9:52:16 AM	**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	CS	**House District:**	43A
MPCA Program Desc:	Construction Stormwater	**Senate District:**	43
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	80107	**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:	6/30/2016	**PLS Range:**	
Tmsp Creat:	9/26/2002	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	6/30/2016	**PLS Quarters:**	
User Updt:	geo_nc	**Latitude:**	45.0153957
Spatial ID:	85173	**Longitude:**	-93.02779198
Method Code:	Q2	**Method Desc:**	Public Land Survey-Two Quarter
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

17	4 of 6	SSE	0.36 / 1,887.19	954.24 / -88	**Rosewood Estates** **Maryland and Lakewood** **Maplewood MN 55119**	WIMN

Item ID:	189607-AISI0000189607	**County Code:**	123
Agency Interest ID:	189607	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	BV	**House District:**	53A

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

MPCA Program Desc:	Brownfields	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	189607	**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:**	02922225ba
Verified:	No	**PLS Township:**	029
Collection:	4/25/2016	**PLS Range:**	22
Tmsp Creat:	11/9/2005	**PLS Range Direction:**	W
User Creat:	DELTA_M_R2	**PLS Section:**	25
Tmsp Updt:	4/26/2016	**PLS Quarters:**	ba
User Updt:	spatial_	**Latitude:**	44.97717196
Spatial ID:	50646609	**Longitude:**	-92.99958662
Method Code:	I1	**Method Desc:**	Digitized-DRG
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:	CSLL: Center of Site		

17	5 of 6	SSE	0.36 / 1,887.19	954.24 / -88	**Beaver Lake Townhomes** **SE Corner of Lakewood Dr & Maryland Ave** **Maplewood MN 55109**	WIMN

Item ID:	80942-AISI0000080942	**County Code:**	123
Agency Interest ID:	80942	**County:**	Ramsey
Status:	Inactive	**CTU Code:**	239584
Status Dat:	5/10/2007 9:52:18 AM	**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	CS	**House District:**	43A
MPCA Program Desc:	Construction Stormwater	**Senate District:**	43
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	80942	**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:	6/30/2016	**PLS Range:**	
Tmsp Creat:	7/5/2002	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	6/30/2016	**PLS Quarters:**	
User Updt:	geo_nc	**Latitude:**	45.0153957
Spatial ID:	76135	**Longitude:**	-93.02779198
Method Code:	Q2	**Method Desc:**	Public Land Survey-Two Quarter
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

17	6 of 6	SSE	0.36 / 1,887.19	954.24 / -88	**Rosewood Estate** **Maryland and Lakewood** **Maplewood MN 55119**	VIC

Project ID:	VP4320	**SEMS?:**	
Item ID:	189607-AREA0000000001	**Inst Controls?:**	
AI ID:	189607	**Petrol Brownfield?:**	
AI Name:	Rosewood Estates	**Unpermitted Dump?:**	
Site Status:	Closed	**Acreage:**	1
Remed Site Type:	Brownfield Site	**Project Manager:**	Gerald Stahnke (no longer at MPCA)
NPL?:		**Hydrogeol/Hydrol:**	Jonathan Smith (no longer at MPCA)
Perm List of Prior?:		**Site County:**	Ramsey

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

VIC Site?:	Yes	**Latitude:**	44.97717285
EPA HRS Score:		**Longitude:**	-92.99958801
HRS Score Year:			

What's in my Neighbourhood: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189607
Location Description: None
None **Note: Many records provided by the department have a truncated LOC_DESC field.
Coordinate Collection Method: Digitized-DRG

--Details--

Activity ID:	SIW19930001	**Investigation Cmpltd:**	
Activity Description:	Brownfield Site	**Dt Listed on PLP:**	
Dt Leak Discovered:		**Dt Delisted from PLP:**	
Dt Leak Reported:		**Dt Listed on NPL:**	
No Further Action:		**Dt Deleted from NPL:**	
Dt BFLD App Recv:	11/18/1993	**Dt Site Closed:**	11/15/1997
Fund Finance Apprvd:		**Remedy Selected:**	
Fund Finance Closed:		**Remedy Imp:**	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 3	NE	0.36 / 1,892.87	1,010.63 / -31	Maplewood Apartments - Site 2 2425 Larpenter Ave E Maplewood MN 55109	HIST LUST

Prog Int ID:	73718018	**Address Source:**	CORE
Site ID:	73718015	**Township Name:**	
State County Code:	62	**County Name:**	Ramsey
Country:	USA	**Lat/Long ID:**	212670
Interest Type Cd:	LS	**Interest Type Dsc:**	Leak Site
ADDR ID:	73718012	**Lat Degrees:**	44
Tank Site:	19794	**Lat Minutes:**	59
Interest Phone:	NO CORE PI PH.	**Lat Seconds:**	31.85
Interest Start Dt:	04/30/2015 00:00:00	**Long Degrees:**	-92
Interest End Dt:		**Long Minutes:**	59
Active?:	Yes	**Long Seconds:**	40.09
Timestamp Added:	04/30/2015 09:30:49	**Lat/Long Source:**	CORE
Timestamp Updt:	04/30/2015 09:30:49	**Lat/Long Site ID:**	73718015
Staff ID Updt:	BSCHULL	**Lat/Long Spatial ID:**	73718019
Source:	CORE	**Collection Date:**	04/30/2015 17:34:51
Coord Src Type:		**Map Scale Code:**	
Coord Src Desc:		**Org Name Source:**	
Foreign State:		**Foreign Zone:**	
FIPS County Cd1:	123		

Addr Timestmp Add:	04/30/2015 09:29:01
Addr Timestamp Lst Updt:	04/30/2015 09:29:01
Addr Updater Staff ID:	BSCHULL
Lat/Long Timestamp Added:	04/30/2015 17:45:48
Lat/Long Tmstmp Last Upd:	04/30/2015 17:45:48
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:	
Cond Closure Date:	
Release Discovered Date:	04/29/2015 00:00:00
Leaksite Type Code:	1
Leaksite Type Desc:	Leak Site
Leak Report Date:	04/29/2015 00:00:00
Tank Reg Status Code:	N
TMSP Added:	04/30/2015 09:39:44
TMSP Last Updt:	04/12/2016 15:04:12
CU Yds Excavated Qty:	

ENF Action Begin Date:	05/07/2015 00:00:00
Residence Type Code:	1
File Archive Box:	
File Archive Lot:	
Soil Digout Date:	
Staff ID Last Updt:	AJENDRO
Std Letter Response Date:	
VPIC Acres:	
VPIC Application Date:	
Contam Soils Remaining Flag:	U
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:	
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 Rls

Product Rls Seq ID:	170428
Leak Product Desc:	Fuel Oil 1 & 2
Leak Product Defn:	The product is fuel oil 1 & 2.

18	*2 of 3*	*NE*	*0.36 / 1,892.87*	*1,010.63 / -31*	***Maplewood Apartments - Site 2*** ***2425 Larpenter Ave E*** ***Maplewood MN***	***LST*** ***REM SITE***

Project ID:	LS0019794	***HRS Score Year:***	
Item ID:	186294-AREA0000000001	***SEMS?:***	
AI ID:	186294	***Inst Controls?:***	
AI Name:	Maplewood Apartments - Site 2	***Petrol Brownfield?:***	
Status:	Closed	***Unpermitted Dump?:***	
Remed Site Type:	Leak Site	***Acreage:***	
NPL?:		***Hydrogeol/Hydrol:***	Rebecca Higgins (former)
Perm List of Prior?:		***Site County:***	Ramsey
VIC Site?:		***Latitude:***	44.99253263
EPA HRS Score:		***Longitude:***	-92.99802917
Project Manager:	Roberta Wirth-Feeney (former)		
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186294		
Location Desc:			
Coord Collection Method:	Digitized - MPCA internal mapping application		

--Details--

Activity ID:	SIW20150001	***Investigation Cmpltd:***	
Activity Description:	Leak Site Investigation	***Dt Listed on PLP:***	
Dt Leak Discovered:	4/29/2015	***Dt Delisted from PLP:***	
Dt Leak Reported:	4/29/2015	***Dt Listed on NPL:***	
No Further Action:		***Dt Deleted from NPL:***	
Dt BFLD Appl Rcvd:		***Dt Site Closed:***	9/13/2016 10:09:00 AM
Fund Finance Apprvd:		***Remedy Selected:***	
Fund Finance Closed:		***Remedy Imp:***	
Assessment Cmpltd:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	3 of 3	NE	0.36 / 1,892.87	1,010.63 / -31	Maplewood Apartments - Site 2 2425 Larpenter Ave E Maplewood MN 55109	WIMN

Item ID:	186294-AISI0000186294	**County Code:**	123
Agency Interest ID:	186294	**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 Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	186294	**HUC10:**	0701020608
Subj Item Type Dsc:	Conventional Site	**HUC12:**	070102060803
Subj Item Designtn:		**HUC12 Name:**	Lake Phalen
Description:		**DWSMA Code:**	47
Ref Code:	CEN	**DWSMA Name:**	North Saint Paul
Ref Desc:	Center of Feature Represented	**TRDSQQ:**	02922213cd
Verified:	Yes	**PLS Township:**	029
Collection:	10/10/2016	**PLS Range:**	22
Tmsp Creat:	4/30/2015	**PLS Range Direction:**	W
User Creat:	DELTA_M_R2	**PLS Section:**	13
Tmsp Updt:	10/10/2016	**PLS Quarters:**	cd
User Updt:	vsetter	**Latitude:**	44.99253178
Spatial ID:	73718016	**Longitude:**	-92.99802656
Method Code:	DM	**Method Desc:**	Digitized - MPCA internal mapping application
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

19	1 of 1	NNW	0.37 / 1,931.82	998.01 / -44	Maple Pond Homes 1816 & 1854 Beebe Rd Maplewood MN 55109	WIMN

Item ID:	148360-AISI0000148360	**County Code:**	123
Agency Interest ID:	148360	**County:**	Ramsey
Status:	Inactive	**CTU Code:**	239584
Status Dat:	9/12/2014 3:40:30 PM	**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	UT	**House District:**	43A
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:	148360	**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:	3/6/2018	**PLS Range:**	
Tmsp Creat:	9/12/2014	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	3/6/2018	**PLS Quarters:**	
User Updt:	geo_nc	**Latitude:**	45.0153957
Spatial ID:	70154318	**Longitude:**	-93.02779198
Method Code:	Q2	**Method Desc:**	Public Land Survey-Two Quarter
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

20	1 of 1	SSE	0.39 / 2,064.84	949.95 / -92	Lakeview Commons Memory Care 1200 Lakewood Dr N Maplewood MN 55119	WIMN

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

Item ID:	143764-AISI0000143764	**County Code:**	123
Agency Interest ID:	143764	**County:**	Ramsey
Status:	Active	**CTU Code:**	239584
Status Dat:		**CTU Name:**	Maplewood
Document ID:	0	**Congress District Cd:**	4
Program:	HW	**House District:**	53A
MPCA Program Desc:	Hazardous Waste	**Senate District:**	53
Subject Item Type:	CON	**HUC8:**	07010206
Subject Item Ctgry:	AISI	**HUC8 Name:**	Mississippi River - Twin Cities
Subject Item ID:	143764	**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:	7/20/2017	**PLS Range:**	
Tmsp Creat:	1/22/2014	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	7/20/2017	**PLS Quarters:**	
User Updt:	geo_nc	**Latitude:**	44.9775263
Spatial ID:	67936441	**Longitude:**	-92.9999466
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

21	*1 of 1*	*WSW*	*0.49 / 2,576.70*	*991.59 / -50*	***Hope Lutheran Church*** ***1340 N Hazel St*** ***Saint Paul MN 55119***	***WIMN***

Item ID:	137842-AISI0000137842	**County Code:**	123
Agency Interest ID:	137842	**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:	137842	**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:	9/27/2015	**PLS Range:**	
Tmsp Creat:	6/24/2012	**PLS Range Direction:**	
User Creat:	DELTA_M_R1	**PLS Section:**	
Tmsp Updt:	4/26/2016	**PLS Quarters:**	
User Updt:	spatial_	**Latitude:**	44.9818477
Spatial ID:	63134480	**Longitude:**	-93.0201506
Method Code:	A1	**Method Desc:**	Address Matching House Number
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Unplottable Summary

Total: 13 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
FED BROWNFIELDS	Trillium	W of Interstate 35E b/t Maryland and Cayuga Ave E	St. Paul MN		825163244
HIST SPL	UNKNOWN	Hoyt St ***Program Int ID:*** 181831	St. Paul MN		819435493
HIST SPL	Oil and sheen on cul de sac - CIty of Maplewood	Nebraska Ave East ***Program Int ID:*** 64961457	Maplewood MN		819415661
SPILLS	Xcel Energy	Park and Arlington MN	Saint Paul MN		860717620
SPILLS		Hoyt St MN	Saint Paul MN		860673773
SPILLS	First Student	Jackson & Arlington MN	Saint Paul MN		860664152
SPILLS	City of Maplewood Public Works	Nebraska Ave East MN	Maplewood MN		860704473
SPILLS	CROWN PLAZA	Rice and Larpenteur MN	Maplewood MN		860684672
SPILLS	Xcel Energy - Minneapolis	Ruth St and Hyw 94 MN	Saint Paul MN		860664803
SPILLS	ST PAUL PARKS AND RECREATION	Wilson and Ruth MN	Saint Paul MN		860660106
WIMN	Bartelmy Lane Reconstruction and Utility Work	Bartelmy Lane Between Stillwater & Brand	Maplewood MN	55119	825236895

WIMN	County Road D Reconstruction	Btwn. White Bear Ave & McKnight	Maplewood MN	55109	825251913
WIMN	Hills and Dales Area	Atlantic St and Junction Ave Chambers Furness St and Ryan A	Maplewood MN	55109	825191350

Unplottable Report

Site: ***Trillium***
W of Interstate 35E b/t Maryland and Cayuga Ave E St. Paul MN

FED BROWNFIELDS

Type of Funding:	N/A
Acres Property ID:	13870
Property Size(Acres):	
Local Property No:	
Ownership Entity:	
Current Owner:	City of St. Paul
Did Ownership Change:	
Sfllp Fact into the Owship:	
Latitude:	44.97024
Longitude:	-93.09115
Horizontal Collection Mthd:	
Source Map Scale:	
Reference Point:	
Horiz Reference Datum:	
Cleanup Required:	Y
Cntmnt Fnd Ctrl Sbstncs:	
Cntmnt Fnd Petroleum:	
Cntmnt Fnd Asbestos:	
Cntmnt Fnd Lead:	
Cntmnt Fnd Pahs:	
Cntmnt Fnd Pcbs:	
Cntmnt Fnd Vocs:	
Cntmnt Fnd Selenium:	
Cntmnt Fnd Iron:	
Cntmnt Fnd Arsenic:	
Cntmnt Fnd Cadmium:	
Cntmnt Fnd Chromium:	
Cntmnt Fnd Copper:	
Cntmnt Fnd Mercury:	
Cntmnt Fnd Nickel:	
Cntmnt Fnd Pesticides:	
Cntmnt Fnd Svocs:	
Cntmnt Fnd Other Metals:	
Cntmnt Fnd Other:	
Cntmnt Fnd Other Descr :	
Cntmnt Fnd Unknown:	
Cntmnt Fnd None:	
Cntmnt Clnd Up Ctl Sbst:	
Cntmnt Clnd Up Petroleum:	
Cntmnt Clnd Up Asbestos:	
Cntmnt Clnd Up Lead:	
Cntmnt Clnd Up PAHs:	
Cntmnt Clnd Up PCBs:	
Cntmnt Clnd Up VOCs:	
Cntmnt Clnd Up Selenium:	
Cntmnt Clnd Up Iron:	
Cntmnt Clnd Up Arsenic:	
Cntmnt Clnd Up Cadmium:	
Cntmnt Clnd Up Chromium:	
Cntmnt Clnd Up Copper:	
Cntmnt Clnd Up Mercury:	
Cntmnt Clnd Up Nickel:	
Cntmnt Clnd Up Pesticides:	
Cntmnt Clnd Up Svocs:	
Cntmnt Clnd Oth Metals:	
Cntmnt Clnd Up Other:	
Cntmnt Clnd Up Oth Desc:	
Cntmnt Clnd Up Unknown:	

Cntmnt Clnd Up None:
Media Affected Air:
Media Affected Sediments:
Media Affected Soil:
Media Affect Drnking Wtr:
Media Affected Grnd Wtr:
Media Affctd Surf Wtr:
Media Affctd Bldg Matrls:
Media Affected Indoor Air:
Media Affected None:
Media Affected Unknown:
Media Clnd Up Air:
Media Clnd Up Sediments:
Media Clnd Up Soil:
Media Clnd Up Drnk Wtr:
Media Clnd Up Grnd Wtr:
Media Clnd Up Surf Wtr:
Media Clnd Up Bldg Mats:
Media Clnd Up Indoor Air:
Media Clnd Up Unknown:
St Tribal Prg ID No:
Further Action Cleanup:
Enrollment St Tribal Prg:
Institutional Ctrl ICs Req:
IC Catgry Proprietary Ctrls:
IC Catgry Informational Dev:
IC Catgry Govmntal Ctrls:
IC Catgry Enfrc Prmt Tls:
ICs in Place: U
Date ICs in Place:
Photographs are Available:
Video is Available:
Description History: railyard

--Details--
Grant Recipient Name: St. Paul Port Authority
Accomplishment Counted: 0
Cooperative Agrment No: 98566401
Type Brownfields Grant: Showcase Community
Assessment Phase: Phase I Environmental Assessment
Assessment Start Date: 03/31/2003 00:00:00
Assessment Compltn Dt: 03/31/2003 00:00:00
Srce of Assessment Fund:
Entity Prov Assmnt Fund:
Assessment Funding Amt:
Cleanup Start Date:
Cleanup Completion Date:
Acres Cleaned Up:
Cleanup Funding Source:
Entity Prvd Cleanup Fund:
Cleanup Funding Amount:
Redevelopment Start Dt:
No of Clnup/Redev Jobs:
Acre/Grnspace Created:
Src of Redev Funding:
Entity Prvd Redev Funds:
Redev Funding Amount:
Highlights:
IC Data Address:
Redev Completion Date:
Past Use Greenspace Arces:
Past Use Residential Arces:
Past Use Commercial Arces:
Past Use Industrial Arces:
Past Use Multistory Arces:
Future Use Multistory Arces:
Future Use Greenspace:
Future Use Residential:
Future Use Commercial:
Future Use Industrial:

2010 Below Poverty No:	1051
2010 Below Poverty Pct:	34.5%
2010 Median Income:	7611
2010 Low Income No:	1764
2010 Low Income Pct:	57.9%
2010 Vacant Housing No:	170
2010 Vac Housing Pct:	16.0%
2010 Unemployed No:	157
2010 Unemployed:	5.2%

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: ***Oil and sheen on cul de sac - CIty of Maplewood***
Nebraska Ave East Maplewood MN

HIST SPL

Program Int ID:	64961457	***Tmsp Added:***	03/22/2013 14:00:47
Site ID:	0	***TMSP Update:***	03/22/2013 14:00:47
Interest Type:	Spill Site	***Prgm Int Source:***	TALES
Preferred ID:	86547	***Address Source:***	TALES
Active?:		***Interest Phone:***	
Interest Start:	03/22/2013 14:00:47	***Township:***	
Interest End:		***County:***	Ramsey
Comments:	Oily sheen noted on cul de sac after snow plow came through, lilely hydraulic oil.		

Spill Site

Spill Site Closure Date:	03/05/2013 00:00:00
Spill Date:	03/05/2013 00:00:00
Spill Reported Date:	03/05/2013 13:15:50
Priority Code:	
MPCA Involvement:	None
Initial Cause:	
Initial Source:	Truck/Vehicle Cargo
Public Safety Spill ID:	37673
Duty Officer Report Number:	132253
Spill Reported by:	citizen
Report Taken By Initials:	738
Rpt Taken by Duty Officer Flag:	
MPCA Project Manager:	738
Tmsp Added:	03/22/2013 14:00:47
Tmsp Last Updt:	03/22/2013 14:06:47
Staff ID Last Updt:	DMORRIS
Rep Name:	citizen
Rep Phone:	
Archive Lot:	
Archive Box:	
Response Desc:	

Spill Released Product

Spill Product:	Light Fuel Oil and Diesel
Spill Released Quantity:	
Spill Qty Units:	Unknown
Spill Incident Accuracy:	Unknown
Date Added:	03/22/2013 14:00:47
Last Update:	03/22/2013 14:00:47
Staff ID Last Update:	DMORRIS

Spill Incident Affected

Spill Incident Affect:	Street or Highway
Date Added:	03/22/2013 14:00:47
Last Update:	03/22/2013 14:00:47
Staff ID Last Update:	DMORRIS

Site: ***Xcel Energy***
Park and Arlington MN Saint Paul MN

SPILLS

Incident ID:	88004	***AI ID Source:***	
Incident Status:	Closed or Completed	***Source Address:***	414 nicollet mall
Incident Type:	Pipeline	***Source City:***	minneapolis
Incident Date:	8/23/2013	***Source State:***	MN
Program:	Emergency Management	***Source Zip:***	55401
Closure Type:	Response/Action Completed	***Source Latitude:***	

County: Ramsey
Source CM:
Source Longitude:

Incident Substances

Parameter: PCBs (Polychlorinated biphenyls)
Units: gallons
Quantity: 1

Lead Investigator and Duty Officer

Duty Officer No: 136267
Lead Investigator: Jason Moran

Site:
Hoyt St MN Saint Paul MN

SPILLS

Incident ID: 24293
Incident Status: Closed or Completed
Incident Type: Spill or Release
Incident Date: 8/30/1996
Program: Emergency Management
Closure Type: Response/Action Completed
County: Ramsey
Source CM:

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

Incident Substances

Parameter: Unknown
Units: unknown
Quantity: 0

Lead Investigator and Duty Officer

Duty Officer No:
Lead Investigator: Dan Hannan

Site: ***First Student***
Jackson & Arlington MN Saint Paul MN

SPILLS

Incident ID: 87443
Incident Status: Closed or Completed
Incident Type: Spill or Release
Incident Date: 7/3/2013
Program: Emergency Management
Closure Type: Response/Action Completed
County: Ramsey
Source CM:

AI ID Source:
Source Address: Jackson & Arlington Streets
Source City:
Source State: MN
Source Zip:
Source Latitude:
Source Longitude:

Incident Substances

Parameter: Unknown
Units: nothing released
Quantity:

Lead Investigator and Duty Officer

Duty Officer No: 133468
Lead Investigator: Lisa McMahon

Site: ***City of Maplewood Public Works***
Nebraska Ave East MN Maplewood MN

SPILLS

Incident ID:	86547	***AI ID Source:***	
Incident Status:	Closed or Completed	***Source Address:***	
Incident Type:	Transportation Accident - Semi/Cargo	***Source City:***	
Incident Date:	3/5/2013	***Source State:***	
Program:	Emergency Management	***Source Zip:***	
Closure Type:	Response/Action Completed	***Source Latitude:***	
County:	Ramsey	***Source Longitude:***	
Source CM:			

Incident Substances

Parameter:	Diesel Fuel
Units:	unknown
Quantity:	

Lead Investigator and Duty Officer

Duty Officer No:	132253
Lead Investigator:	David Morrison

Site: ***CROWN PLAZA***
Rice and Larpenteur MN Maplewood MN SPILLS

Incident ID:	4383	***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 Management	***Source Zip:***	
Closure Type:		***Source Latitude:***	
County:	Ramsey	***Source Longitude:***	
Source CM:			

Lead Investigator and Duty Officer

Duty Officer No:	
Lead Investigator:	Dorene Fier-Tucker

Site: ***Xcel Energy - Minneapolis***
Ruth St and Hyw 94 MN Saint Paul MN SPILLS

Incident ID:	59304	***AI ID Source:***	
Incident Status:	Closed or Completed	***Source Address:***	
Incident Type:	Transformer	***Source City:***	
Incident Date:	6/25/2003	***Source State:***	
Program:	Emergency Management	***Source Zip:***	
Closure Type:	No Action Necessary	***Source Latitude:***	
County:	Ramsey	***Source Longitude:***	
Source CM:			

Incident Substances

Parameter:	Mineral Oil
Units:	gallons
Quantity:	10

Lead Investigator and Duty Officer

Duty Officer No:	50723
Lead Investigator:	Kevin Faus

Site: ***ST PAUL PARKS AND RECREATION***
Wilson and Ruth MN Saint Paul MN SPILLS

Incident ID:	23896	***AI ID Source:***	

Incident Status:	Closed or Completed	***Source Address:***	
Incident Type:	Spill or Release	***Source City:***	
Incident Date:	6/28/1996	***Source State:***	
Program:	Emergency Management	***Source Zip:***	
Closure Type:	No Action Necessary	***Source Latitude:***	
County:	Ramsey	***Source Longitude:***	
Source CM:			

Incident Substances

Parameter:	Antifreeze
Units:	gallons
Quantity:	5

Lead Investigator and Duty Officer

Duty Officer No:	
Lead Investigator:	Jennifer Anthony

Site: ***Bartelmy Lane Reconstruction and Utility Work***
Bartelmy Lane Between Stillwater & Brand Maplewood MN 55119 WIMN

Item ID:	186780-AISI0000186780	***County Code:***	123
Agency Interest ID:	186780	***County:***	Ramsey
Status:	Active	***CTU Code:***	239651
Status Dat:		***CTU Name:***	Saint Paul
Document ID:	0	***Congress District Cd:***	4
Program:	BV	***House District:***	67B
MPCA Program Desc:	Brownfields	***Senate District:***	67
Subject Item Type:	CON	***HUC8:***	07010206
Subject Item Ctgry:	AISI	***HUC8 Name:***	Mississippi River - Twin Cities
Subject Item ID:	186780	***HUC10:***	0701020608
Subj Item Type Dsc:	Conventional Site	***HUC12:***	070102060805
Subj Item Designtn:		***HUC12 Name:***	Harriet Island-Mississippi River
Description:		***DWSMA Code:***	
Ref Code:	GEN	***DWSMA Name:***	
Ref Desc:	General Location	***TRDSQQ:***	
Verified:	No	***PLS Township:***	
Collection:	6/30/2016	***PLS Range:***	
Tmsp Creat:	8/9/2012	***PLS Range Direction:***	
User Creat:	DELTA_M_R2	***PLS Section:***	
Tmsp Updt:	6/30/2016	***PLS Quarters:***	
User Updt:	geo_nc	***Latitude:***	44.93925299
Spatial ID:	63551195	***Longitude:***	-93.00741294
Method Code:	Q2	***Method Desc:***	Public Land Survey-Two Quarter
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Site: ***County Road D Reconstruction***
Btwn. White Bear Ave & McKnight Maplewood MN 55109 WIMN

Item ID:	71625-AISI0000071625	***County Code:***	123
Agency Interest ID:	71625	***County:***	Ramsey
Status:	Inactive	***CTU Code:***	239584
Status Dat:	10/5/2007 3:14:48 PM	***CTU Name:***	Maplewood
Document ID:	0	***Congress District Cd:***	4
Program:	CS	***House District:***	43A
MPCA Program Desc:	Construction Stormwater	***Senate District:***	43
Subject Item Type:	CON	***HUC8:***	07010206
Subject Item Ctgry:	AISI	***HUC8 Name:***	Mississippi River - Twin Cities
Subject Item ID:	71625	***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:	6/30/2016	***PLS Range:***	
Tmsp Creat:	5/13/2002	***PLS Range Direction:***	
User Creat:	DELTA_M_R1	***PLS Section:***	
Tmsp Updt:	6/30/2016	***PLS Quarters:***	
User Updt:	geo_nc	***Latitude:***	45.0153957
Spatial ID:	74984	***Longitude:***	-93.02779198
Method Code:	Q2	***Method Desc:***	Public Land Survey-Two Quarter
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

Site: ***Hills and Dales Area***
Atlantic St and Junction Ave Chambers Furness St and Ryan A Maplewood MN 55109 WIMN

Item ID:	194054-AISI0000194054	***County Code:***	123
Agency Interest ID:	194054	***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 Ctgry:	AISI	***HUC8 Name:***	Mississippi River - Twin Cities
Subject Item ID:	194054	***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:	4/25/2016	***PLS Range:***	
Tmsp Creat:	4/2/2010	***PLS Range Direction:***	
User Creat:	DELTA_M_R2	***PLS Section:***	
Tmsp Updt:	4/26/2016	***PLS Quarters:***	
User Updt:	spatial_	***Latitude:***	45.0068883
Spatial ID:	57688445	***Longitude:***	-93.0491455
Method Code:	DM	***Method Desc:***	Digitized - MPCA internal mapping application
Subject Item Category Desc:	Agency Interest		
HUC10 Name:	City of Saint Paul-Mississippi River		
Location Description:			

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

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: Feb 6, 2019

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: Feb 6, 2019

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: Feb 6, 2019

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: Feb 6, 2019

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

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: Feb 6, 2019

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

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

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: Dec 17, 2018

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: Dec 17, 2018

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: Dec 17, 2018

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: Dec 17, 2018

RCRA Conditionally Exempt Small Quantity Generators List: RCRA CESQG

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). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Dec 17, 2018

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: Dec 17, 2018

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: Jan 20, 2016

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: Jan 20, 2016

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 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. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Mar 21, 2019

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 11, 2019

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

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: Feb 6, 2019

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: Feb 12, 2019

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: Feb 8, 2019

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: Feb 8, 2019

What's in My Neighborhood - Contaminated Sites: WIMN

The Minnesota Pollution Control Agency (MPCA) has been aggressively searching for and helping to clean up contaminated properties, from very small to large. Retreived from MPCA's "What's in My Neighborhood" application, this database contains an inventory of contaminated properties, as well as sites that have already been cleaned up and those currently being investigated or cleaned up.

Government Publication Date: Feb 5, 2019

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: Feb 8, 2019

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: Feb 8, 2019

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: Apr 4, 2019

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: Nov 21, 2018

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: Feb 8, 2019

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.

Government Publication Date: Nov 1, 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: Feb 8, 2019

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: Feb 8, 2019

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: Feb 8, 2019

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: Feb 8, 2019

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: Feb 8, 2019

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 02, 2016.

Government Publication Date: Dec 02, 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: Feb 8, 2019

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: Mar 20, 2019

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: Feb 8, 2019

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: Feb 8, 2019

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: Oct 16, 2017

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: Oct 16, 2017

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: Oct 14, 2017

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: Oct 14, 2017

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (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, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Jan 30, 2019

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: Dec 31, 2017

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: May 23, 2018

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: Jul 18, 2018

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: Jun 30, 2017

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: Dec 20, 2018

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.

Government Publication Date: Nov 08, 2017

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: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 29, 2018

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 29, 2018

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: Oct 23, 2018

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: Nov 1, 2018

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 30, 2018

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: Jan 15, 2019

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: Sep 1, 2018

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: Sep 14, 2018

State

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: Feb 8, 2019

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.

Government Publication Date: Jan 29, 2019

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

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: Oct 15, 2018

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: Feb 4, 2019

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 11, 2018

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

MPCA Closure Letters

Minnesota Pollution Control Agency
520 Lafayette Road North | St. Paul, MN 55155-4194 | 651-296-6300 | 800-657-3864 | 651-282-5332 TTY | www.pca.state.mn.us

June 15, 2011

Mr. Gary H. Erlander
Hillcrest Investments, LLC
700 Transfer Road
St. Paul, MN 55114

Mr. Gary H. Erlander
Hillcrest Operations, Inc.
700 Transfer Road
St. Paul, MN 55114

RE: Petroleum Tank Release Site File Closure
Site: Hillcrest Country Club, 1475 McKnight Road, St. Paul
Site ID#: LEAK00018327

Dear Mr. Erlander:

We are pleased to let you know that the Minnesota Pollution Control Agency (MPCA) Petroleum Remediation Program (PRP) 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 PRP staff has closed the release site file.

Closure of the file means that the PRP 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 PRP 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 (2010) 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 (2010), the Minnesota Superfund Law.

Please note that as a result of performing the requested work you may be eligible to apply to the Petroleum Tank Release Compensation Fund (Petrofund) for partial reimbursement of the costs you have incurred in investigating and cleaning up this petroleum tank release. The Petrofund is administered by the Petroleum Tank Release Compensation Board (Petro Board) and the Minnesota Department of Commerce. To learn more about who is eligible for reimbursement, the type of work that is eligible for reimbursement, and the amount of reimbursement available, please contact Petrofund staff at 651-297-1119 or 1-800-638-0418.

If future development of the site or the surrounding area is planned, it should be assumed that petroleum contamination may be present. State law requires that persons properly manage contaminated soil and water they uncover or disturb - even if they are not the party responsible for the contamination. For some properties, special construction may also be needed to prevent the further spreading of the contamination and/or to prevent petroleum vapors from entering buildings or utility corridors. The MPCA Petroleum Brownfields Program can assist with reviews and approvals of Development Response Action Plans required to address environmental risk from petroleum contamination. If contamination is encountered during development work, contact the MPCA immediately.

For specific information regarding petroleum contamination that may remain at this leak site, please call the Petroleum Remediation File Request Program at 651-757-2799 or 651-757-2309. The MPCA fact sheet *Request to Bill for Services Performed* 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 Mark Koplitz at 651-757-2502 or site hydrogeologist John Kaehler at 651-757-2480.

Sincerely,

Mark Koplitz
Project Leader
Petroleum Remediation Section
Remediation Division

Rebecca A. Bowden for
John Kaehler
Hydrogeologist
Petroleum Remediation Section
Remediation Division

MK:JK:tf

cc: Shari Moore, City Clerk, St. Paul
Tim Butler, Fire Chief, St. Paul
Larry Carlson, Ramsey County Solid Waste Officer
Jerry Mullin, Landmark Environmental, Bloomington
Minnesota Department of Commerce Petrofund Staff

Minnesota Pollution Control Agency
520 Lafayette Road North | St. Paul, MN 55155-4194 | 651-296-6300 | 800-657-3864 | 651-282-5332 TTY | www.pca.state.mn.us

May 17, 2011

Gary H. Erlander
Hillcrest Investments, LLC
700 Transfer Road
St. Paul, MN 55114

Gary H. Erlander
Hillcrest Operations, Inc.
700 Transfer Road
St. Paul, MN 55114

RE: Petroleum Storage Tank Release Site File Closure Confirmation
Site: Hillcrest Country Club, 1475 McKnight Road, St. Paul
Site ID#: LEAK00005050

Dear Mr. Erlander:

The above-referenced site was the location of a petroleum storage tank release reported on March 24, 1992. The file pertaining to the petroleum storage tank release at the site was closed on June 1, 1992. As of the date of this letter, MPCA staff are not aware of any information which would change the site's closure status. As a result, pursuant to Minn. Stat. § 115C.03, subd. 9 (c) (2010), the Commissioner hereby confirms that a petroleum release has occurred at the site, and the MPCA has issued a file closure letter and closure status has not been revoked.

This confirmation extends to the successors and assigns of the entity to which it originally applies, if the successors and assigns are not otherwise responsible for the release.

If future development of the site or the surrounding area is planned, it should be assumed that petroleum contamination is present. State law requires that persons properly manage contaminated soil and water they uncover or disturb - even if they are not the party responsible for the contamination. For some properties, special construction may also be needed to prevent the further spreading of the contamination and/or to prevent petroleum vapors from entering buildings or utility access shafts. The MPCA Petroleum Brownfields Program can assist with reviews and approvals of Development Response Action Plans required to address environmental risk from petroleum contamination. If contamination is encountered during future development work, the MPCA staff should be notified immediately.

This letter represents the view of the MPCA, and is based upon information disclosed to the MPCA as of the date hereof. Depending on your circumstances, it may or may not be construed as releasing any person from liability under state or federal laws. If you have questions concerning your particular situation, the MPCA recommends that you discuss your concerns with your legal counsel.

For specific information regarding petroleum contamination at this site or to review the file please call the Petroleum Remediation File Request Program at 651-757-2799. Please be advised that the determination made in this letter is subject to the disclaimers found in Attachment A. If you have any questions regarding this letter, please call me at 651-757-2502.

Sincerely,

Mark Koplitz
Project Leader
Petroleum Remediation Section
Remediation Division

MK:tf

cc: Ken Haberman, Landmark Environmental, LLC, Bloomington

ATTACHMENT A
DISCLAIMERS
Site ID: LEAK00005050

1. Reservation of Authorities

The MPCA Commissioner reserves the authority to take any appropriate actions with respect to any release or other conditions at the Site. The MPCA Commissioner also reserves the authority to take such actions if the voluntary party does not proceed in the manner described in this letter or if actions taken or omitted by the voluntary party with respect to the Site contribute to any release or create an imminent and substantial danger to public health and welfare or the environment.

2. No MPCA Assumption of Liability

The MPCA, its Commissioner and staff do not assume any liability for any release or other conditions at the Site or for any actions taken or omitted by the voluntary party with regard to the release or other conditions at the Site, whether the actions taken or omitted are in accordance with this letter or otherwise.

3. Letter Based on Current Information

All statements, conclusions and representations in this letter are based upon information known to the MPCA Commissioner and staff at the time this letter was issued. The MPCA Commissioner and staff reserve the authority to modify or rescind any such statement, conclusion or representation and to take any appropriate action under this authority if the MPCA Commissioner or staff acquires information after issuance of this letter that provides a basis for such modification or action.

4. Disclaimer Regarding Use or Development of the Property

The MPCA, its Commissioner and staff do not warrant that the Site is suitable or appropriate for any particular use.

Minnesota Pollution Control Agency
520 Lafayette Road North | St. Paul, MN 55155-4194 | 651-296-6300 | 800-657-3864 | 651-282-5332 TTY | www.pca.state.mn.us

May 17, 2011

Gary H. Erlander
Hillcrest Investments, LLC
700 Transfer Road
St. Paul, MN 55114

Gary H. Erlander
Hillcrest Operations, Inc.
700 Transfer Road
St. Paul, MN 55114

RE: Petroleum Storage Tank Release Site File Closure Confirmation
Site: Hillcrest Country Club, 1475 McKnight Road, St. Paul
Site ID#: LEAK00006222

Dear Mr. Erlander:

The above-referenced site was the location of a petroleum storage tank release reported on April 22, 1993. The file pertaining to the petroleum storage tank release at the site was closed on September 26, 1994. As of the date of this letter, MPCA staff are not aware of any information which would change the site's closure status. As a result, pursuant to Minn. Stat. § 115C.03, subd. 9 (c) (2010), the Commissioner hereby confirms that a petroleum release has occurred at the site; and the MPCA has issued a file closure letter and closure status has not been revoked.

This confirmation extends to the successors and assigns of the entity to which it originally applies, if the successors and assigns are not otherwise responsible for the release.

If future development of the site or the surrounding area is planned, it should be assumed that petroleum contamination is present. State law requires that persons properly manage contaminated soil and water they uncover or disturb - even if they are not the party responsible for the contamination. For some properties, special construction may also be needed to prevent the further spreading of the contamination and/or to prevent petroleum vapors from entering buildings or utility access shafts. The MPCA Petroleum Brownfields Program can assist with reviews and approvals of Development Response Action Plans required to address environmental risk from petroleum contamination. If contamination is encountered during future development work, the MPCA staff should be notified immediately.

This letter represents the view of the MPCA, and is based upon information disclosed to the MPCA as of the date hereof. Depending on your circumstances, it may or may not be construed as releasing any person from liability under state or federal laws. If you have questions concerning your particular situation, the MPCA recommends that you discuss your concerns with your legal counsel.

For specific information regarding petroleum contamination at this site or to review the file please call the Petroleum Remediation File Request Program at 651-757-2799. Please be advised that the determination made in this letter is subject to the disclaimers found in Attachment A. If you have any questions regarding this letter, please call me at 651-757-2502.

Sincerely,

Mark Koplitz
Project Leader
Petroleum Remediation Section
Remediation Division

MK:tf

cc: Ken Haberman, Landmark Environmental, LLC, Bloomington

ATTACHMENT A
DISCLAIMERS
Site ID: LEAK00006222

1. Reservation of Authorities

The MPCA Commissioner reserves the authority to take any appropriate actions with respect to any release or other conditions at the Site. The MPCA Commissioner also reserves the authority to take such actions if the voluntary party does not proceed in the manner described in this letter or if actions taken or omitted by the voluntary party with respect to the Site contribute to any release or create an imminent and substantial danger to public health and welfare or the environment.

2. No MPCA Assumption of Liability

The MPCA, its Commissioner and staff do not assume any liability for any release or other conditions at the Site or for any actions taken or omitted by the voluntary party with regard to the release or other conditions at the Site, whether the actions taken or omitted are in accordance with this letter or otherwise.

3. Letter Based on Current Information

All statements, conclusions and representations in this letter are based upon information known to the MPCA Commissioner and staff at the time this letter was issued. The MPCA Commissioner and staff reserve the authority to modify or rescind any such statement, conclusion or representation and to take any appropriate action under this authority if the MPCA Commissioner or staff acquires information after issuance of this letter that provides a basis for such modification or action.

4. Disclaimer Regarding Use or Development of the Property

The MPCA, its Commissioner and staff do not warrant that the Site is suitable or appropriate for any particular use.

Appendix F

MDH Well Records

Minnesota Unique Well Number

603061

County Ramsey
Quad St Paul East
Quad ID 103A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 12/30/1999
Update Date 03/10/2014
Received Date

Well Name	Township	Range	Dir	Section	Subsection
HILLCREST	29	22	W	23	ADA

Elevation **Elev. Method**

Address

C/W 2200 LARPENTEUR AV E ST PAUL MN 55109

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
DRIFT	0	155	TAN	SOFT
LIMESTONE	155	187	GRAY	HARD
SANDSTONE/SHALE	187	343	GRAY	HARD
LIMEROCK	343	476	GRAY	HARD
SANDSTONE	476	486	TAN	MEDIUM

Remarks

M.G.S. NO. 3995.

Well Depth 486 ft. **Depth Completed** 486 ft. **Date Well Completed** 09/00/1999

Drill Method Cable Tool **Drill Fluid** Water

Use irrigation **Status** Active

Well Hydrofractured? Yes ☐ No ☐ **From** **To**

Casing Type Step down **Joint** Welded

Drive Shoe? Yes ☒ No ☐ **Above/Below**

Casing Diameter		Weight		Hole Diameter	
10 in. To	354 ft.	46.4 lbs./ft.		16 in. To	354 ft.
16 in. To	155 ft.	62.5 lbs./ft.		10 in. To	486 ft.

Open Hole From 354 ft. To 486 ft.

Screen? ☐ **Type** **Make**

Static Water Level

207 ft. land surface Measure 09/03/1999

Pumping Level (below land surface)

226 ft. 8 hrs. Pumping at 500 g.p.m.

Wellhead Completion

Pitless adapter manufacturer Model

☐ Casing Protection ☒ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified

Material	Amount		From	To
neat cement	17	Cubic yards	0 ft.	354 ft.

Nearest Known Source of Contamination

75 feet North Direction Body of water Type

Well disinfected upon completion? ☒ Yes ☐ No

Pump ☐ Not Installed Date Installed 09/29/1999

Manufacturer's name GOULD

Model Number 8RJHC HP 60 Volt 460

Length of drop pipe 260 ft Capacity 650 g.p. Typ Submersible

Abandoned

Does property have any not in use and not sealed well(s)? ☐ Yes ☒ No

Variance

Was a variance granted from the MDH for this well? ☐ Yes ☒ No

Miscellaneous

First Bedrock Aquifer

Last Strat Depth to Bedrock 155 ft

Located by

Locate Method

System UTM - NAD83, Zone 15, Meters X Y

Unique Number Verification Input Date

Angled Drill Hole

Well Contractor

Keys Well Co. 62012 RUSSELL, J.

Licensee Business Lic. or Reg. No. Name of Driller

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

MINNESOTA UNIQUE WELL NO. 603061

WELL LOCATION

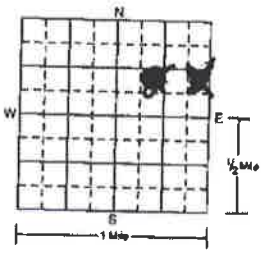
County Name: Ramsey

Township Name	Township No.	Range No.	Section No.	Fraction
St. Paul	29	22	23	NE ¼ SE ¼ NE ¼

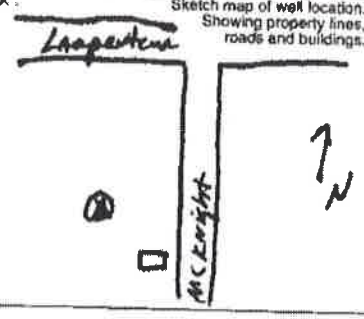
House Number, Street Name, City, and Zip Code of Well Location: 2200 E. Larpenteur

or Fire Number:

Show exact location of well in section grid with "X".



Sketch map of well location. Showing property lines, roads and buildings.



PROPERTY OWNER'S NAME

Hillcrest Country Club

Property owner's mailing address if different than well location address indicated above.

2200 East Larpenteur
St. Paul,MN 55109

WELL OWNER'S NAME

Hillcrest Country Club

Well owner's mailing address if different than property owner's address indicated above.

2200 East Larpenteur
St. Paul, MN 55109

GEOLOGICAL MATERIALS	COLOR	HARDNESS OF MATERIAL	FROM	TO
Drift	Tan	S	0	155
Limestone	Gray	H	155	187
Sandstone/Shale	Gray	H	187	343
Limerock	Gray	H	343	476
Sandstone	Tan	M	476	486

Use a second sheet, if needed.

REMARKS, ELEVATION, SOURCE OF DATA, etc.

DEC 1999 RECEIVED WELL MGT.

MINN. DEPT. OF HEALTH COPY 603061

WELL DEPTH (completed): 486 ft.

Date Work Completed: 9/99

DRILLING METHOD: ☒ Cable Tool ☐ Auger ☐ Driven ☐ Rotary ☐ Dug ☐ Jetted ☐

DRILLING FLUID: Water

WELL HYDROFRACTURED? ☐ YES ☐ NO FROM ____ ft. to ____ ft.

USE: ☐ Domestic ☒ Irrigation ☐ Test Well ☐ Monitoring ☐ Community PWS ☐ Noncommunity PWS ☐ Dewatering ☐ Heating/Cooling ☐ Industry/Commercial ☐ Remedial ☐

CASING: ☒ Steel ☐ Plastic; Drive Shoe? ☒ Yes ☐ No; ☐ Threaded ☒ Welded ☐

CASING DIAMETER		WEIGHT		HOLE DIAM.	
16" in. to 155 ft.		62.58 lbs./ft.		16 in. to 354 ft.	
10 in. to 354 ft.		46.48 lbs./ft.		10 in. to 486 ft.	
in. to ft.		lbs./ft.		in. to ft.	

SCREEN: Make ____ Type ____ Slot/Gauze ____ Set between ____ ft. and ____ ft.

OPEN HOLE from 354 ft. to 486 ft.

Diam. ____ Length ____ FITTINGS: ____

STATIC WATER LEVEL: 207 ft. ☒ below ☐ above land surface Date measured 9/3/99

PUMPING LEVEL (below land surface): 226 ft. after 8 hrs. pumping 500 g.p.m.

WELL HEAD COMPLETION: ☐ Pitless adapter manufacturer ____ Model ____ ☐ Casing Protection ____ ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)

GROUTING INFORMATION: Well grouted? ☒ Yes ☐ No

Grout Material: ☒ Neat cement ☐ Bentonite ☐ Concrete ☐ High Solids Bentonite

from 0 to 354 ft. 17 ☒ yds. ☐ bags

from ____ to ____ ft. ____ ☐ yds. ☐ bags

from ____ to ____ ft. ____ ☐ yds. ☐ bags

NEAREST KNOWN SOURCE OF CONTAMINATION: 75 feet N direction Pond type

Well disinfected upon completion? ☒ Yes ☐ No

PUMP: ☐ Not installed Date installed 9/29/99

Manufacturer's name: Gould

Model number: 8RJHC HP 60 Volts 460

Length of drop pipe: 260 ft. Capacity 650 g.p.m.

Type: ☒ Submersible ☐ L.S. Turbine ☐ Reciprocating ☐ Jet ☐

ABANDONED WELLS: Does property have any not in use and not sealed well(s)? ☐ Yes ☒ No

VARIANCE: Was a variance granted from the MDH for this well? ☐ Yes ☒ No

WELL CONTRACTOR CERTIFICATION

This well was drilled under my supervision and in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Keys Well Drilling Company — Licensee Business Name — Lic. or Reg. No. 62012

Authorized Representative Signature — Date 9/29/99

Jim Russell/ Slyvester Unertl — Name of Driller — Date 9/29/99

HE-01205-06 (Rev. 9/96)

Minnesota Unique Well Number

208231

County: Ramsey
Quad: St Paul East
Quad ID: 103A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date: 08/14/1991
Update Date: 03/10/2014
Received Date:

Well Name	Township	Range	Dir Section	Subsection
HILLCREST	29	22	W 23	AABACD

Elevation: 1040 Elev. Method: 7.5 minute topographic map (+/- 5 feet)

Address

Contact: 2200 LARPENTEUR AV ST PAUL MN 55109

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
DRIFT	0	165		
PLATTEVILLE	165	190		
ST. PETER	190	350		
SHAKOPEE	350	382		
NEW RICHMOND	382	395		
ONEOTA	395	490		
JORDAN	490	550		

Remarks

WELL SEALED 9-13-1999. BY KEYS WELL CO. H-141981.
LOG IN MGS BULL. NO. 28 P. 252.
WELL SEALED 09-13-1999 BY 62012

Well Depth: 550 ft. Depth Completed: 550 ft. Date Well Completed:

Drill Method: Cable Tool Drill Fluid:

Use: commercial Status: Sealed

Well Hydrofractured? Yes ☐ No ☐ From To

Casing Type Joint
Drive Shoe? Yes ☐ No ☐ Above/Below

Casing Diameter Weight
8 in. To 325 ft. lbs./ft.

Open Hole From 325 ft. To 550 ft.

Screen? ☐ Type Make

Static Water Level
205 ft. land surface Measure 09/13/1999

Pumping Level (below land surface)

Wellhead Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

Grouting Information Well Grouted? ☐ Yes ☐ No ☐ Not Specified

Nearest Known Source of Contamination
feet Direction Type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name
Model Number HP Volt
Length of drop pipe ft Capacity g.p. Typ

Abandoned
Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance
Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Miscellaneous
First Bedrock: Platteville Formation Aquifer: multiple
Last Strat: Jordan Sandstone Depth to Bedrock: 165 ft
Located by: Minnesota Geological Survey
Locate Method: Digitized - scale 1:24,000 or larger (Digitizing Table)
System: UTM - NAD83, Zone 15, Meters X 499340 Y 4981941
Unique Number Verification: Information from Input Date: 01/01/1990

Angled Drill Hole

Well Contractor
Licensee Business Lic. or Reg. No. Name of Driller

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING SEALING RECORD

Minnesota Statutes, Chapter 103I

Minnesota Well and Boring Sealing No. H 141981

Minnesota Unique No. or W-series No. (Leave blank if not known) ~~20823~~ 208231

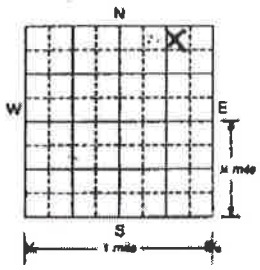
WELL OR BORING LOCATION

County Name: Ramsey

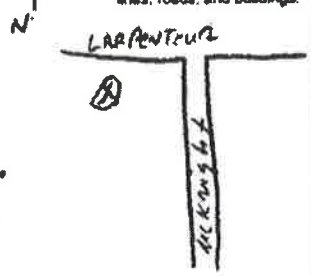
Township Name	Township No.	Range No.	Section No.	Fraction (sm. → lg.)
St. Paul	029	22	23	NW ¼ NE ¼ NE ¼

Numerical Street Address or Fire Number and City of Well or Boring Location

Show exact location of well or boring in section grid with "X".



Sketch map of well or boring location, showing property lines, roads, and buildings.



PROPERTY OWNER'S NAME Hillcrest Country Club

Property owner's mailing address if different than well location address indicated above.

2200 E. Larpenteur
St. Paul, MN 55109

WELL OWNER'S NAME Hillcrest Country Club

Well owner's mailing address if different than property owner's address indicated above.

2200 E. Larpenteur
St. Paul, MN 55109

GEOLOGICAL MATERIAL	COLOR	HARDNESS OF FORMATION	FROM	TO
Drift			0	165
Platteville			165	190
St. Peter			190	350
Shakopee			350	372
New Richmond			372	395
Oneota			395	490
Jordan			490	550

If not known, indicate estimated formation log from nearby well or boring.

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING

DEC 1999 RECEIVED WELL MGT.

IMPORTANT-FILE WITH PROPERTY PAPERS-WELL OWNER COPY H 141981

Date Sealed: 9/13/99

Date Well or Boring Constructed: ?

Depth Before Sealing: 539 ft. Original Depth: 550 ft.

AQUIFER(S): ☒ Single Aquifer ☐ Multiaquifer

WELL/BORING: ☒ Water Supply Well ☐ Monit. Well ☐ Env. Bore Hole ☐ Other

STATIC WATER LEVEL: ☒ Measured ☐ Estimated 205 ft. ☒ below ☐ above land surface

CASING TYPE(S): ☒ Steel ☐ Plastic ☐ Tile ☐ Other

CASING

Diameter	Depth	Set in oversize hole?	Annular space initially grouted?
8 in.	from 0 to 325 ft.	☐ Yes ☐ No	☐ Yes ☐ No ☒ Unknown
in.	from to ft.	☐ Yes ☐ No	☐ Yes ☐ No ☐ Unknown
in.	from to ft.	☐ Yes ☐ No	☐ Yes ☐ No ☐ Unknown

SCREEN/OPEN HOLE: Screen from to ft. Open Hole from to ft.

OBSTRUCTIONS: ☐ Rods/Drop Pipe ☐ Check Valve(s) ☐ Debris ☐ Fill ☒ No Obstruction

Type of Obstructions (Describe)

Obstructions removed? ☐ Yes ☐ No Describe

PUMP: Type Submersible

☒ Removed ☐ Not Present ☐ Other

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:

☐ No Annular Space Exists

☐ Annular space grouted with tremie pipe

☒ Casing Perforation/Removal

8 in. from 0 to 325 ft. ☒ Perforated ☐ Removed

in. from to ft. ☐ Perforated ☐ Removed

Type of perforator: Air casing perforator

☐ Other

GROUTING MATERIAL(S)

Grouting Material: Neat cement from 0 to 539 ft. ~~yards~~ 840 bags

from to ft. yards bags

from to ft. yards bags

from to ft. yards bags

OTHER WELLS AND BORINGS

Other unsealed and unused well or boring on property? ☐ Yes ☒ No How many?

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION

This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Kaye Well Drilling Company — Contractor Business Name — 62012 — License or Registration No.

Authorized Representative Signature — 9/30/99 — Date

Scott Solum

Name of Person Sealing Well or Boring

R 41-97 (Rev. 2-59)

AABACD
Elev. 1040±5

#208231

MINNESOTA CONSERVATION DEPARTMENT
DIVISION OF WATERS W.L.

WELL LOG STATEMENT

File No. 172 0

Well No. 29.22.23a

MAIL REPORT PROMPTLY TO DIRECTOR, DIVISION OF WATERS, STATE OFFICE BLDG., ST. PAUL 1, MINN.

Location of Well: Hillcrest Golf Club

County: Ramsey City or Town: St. Paul

Describe Further by Lot, Block, Nearest Highway, Street and Number: SW of Lanpenteum + East Avas

Locate Well on Plat of Section: St. Paul, East Q

Sec. 23AABA

Twp. 29N

Range 22W

Drilled for: P.A. 85-6200

Address

Driller: Remmele Wells

Address: 103-A

Date of Completion

Site: Upland
Upland, Valley, Hillside, Etc.

Type of Well: Drilled
Dug, Driven, Bored, Drilled

Drill Rig Used
Solid Tool, Jet, Rotary

Diameter: Top Bottom

Depth of Well: 550

Ground Elevation: 1042 (GMS)
1040±5'
Sea Level Datum or Give Distance Above or Below R. R., Highway, Lake, Etc.

Height of Casing Above Ground

Quality of Water
(Hard or Soft, Fresh or Salty, Etc.)

Temperature of Water

Was Laboratory Analysis Made?

For What Purpose Will Water Be Used?

Is Well Pumped? Pump Capacity GPM

Was Well Sealed on Completion?

Does Well Overflow Without Pumping?
Yes or No

Natural Flow GPM

What Pressure, or Head, at Ground Level?

Principal Aquifer Penetrated

REPORT OF FINAL PUMPING TEST

Date of Test

Duration of Test Hrs. Min.

Rate of Pumping GPM

Static Water Level Ft.

Water Level While Pumping Ft.

Drawdown Ft.

Time Required for Recovery

Expected Average Yield Gal. per day

If Other Tests were Made, Give Details on Another Sheet.

Were Measurements Made of Effect on Other Nearby Wells During Test? Give Details.

Well Sealed 9-13-99
by Keys Well Co. M-141981

CODED

85-6200

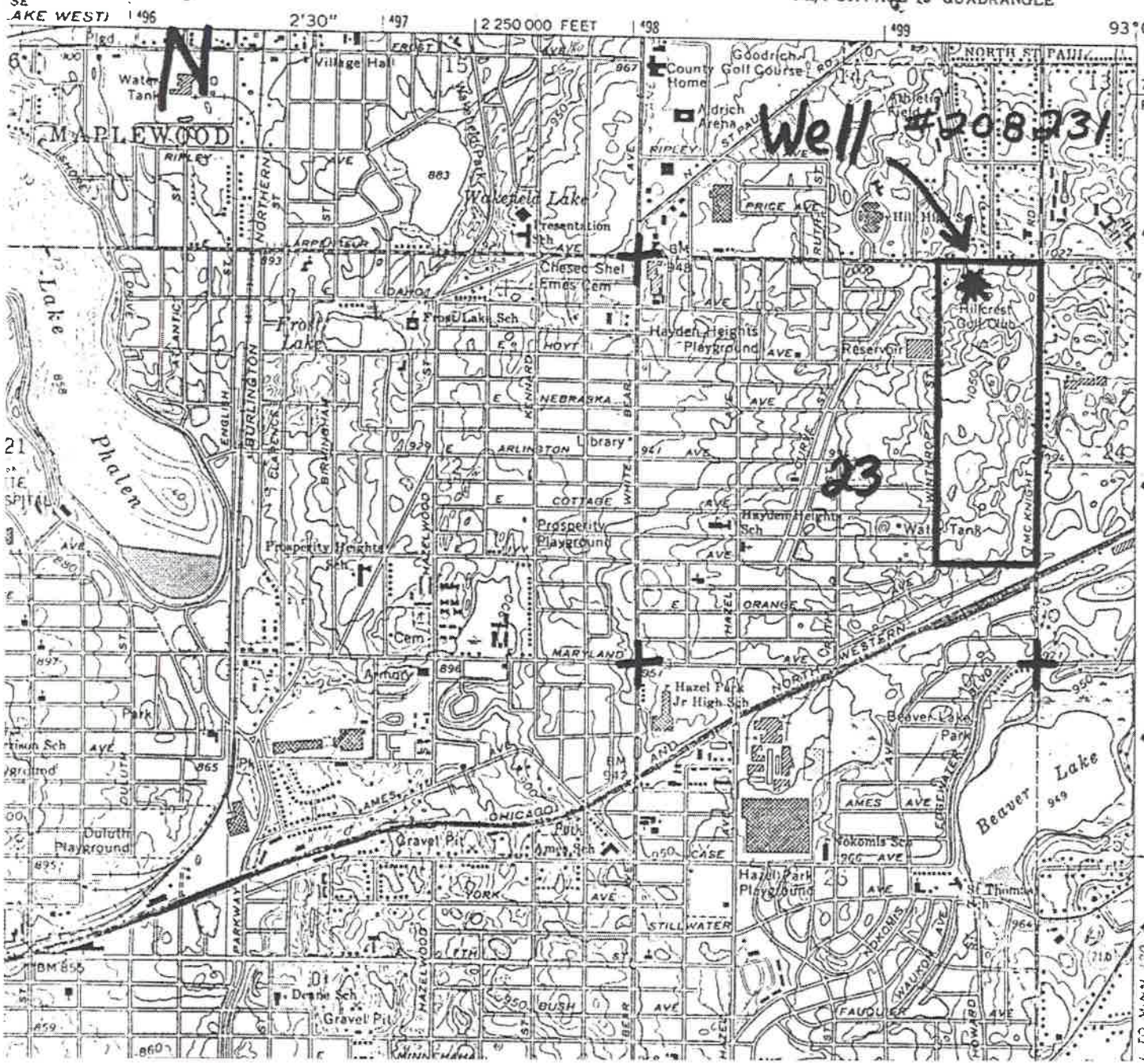
85-6200

ST. PAUL EAST QUADRANGLE

MINNESOTA

7.5 MINUTE SERIES (TOPOGRAPHIC)

NE/4 ST. PAUL 15' QUADRANGLE



208231

85-6200

Hillcrest Country Club

2200 E. LARPENTEUR AVENUE • ST. PAUL, MINNESOTA 55109 • 774-6088

President
Thomas C. Olander

First Vice President
Dennis Hymanson

Second Vice President
Larry Barenbaum

Secretary
Linda Gersick

Treasurer
Joel Bernick

Board of Directors
Larry Barenbaum
Joel Bernick
Mark Epstein
Mrs. Linda Gersick
Bruce G. Glassman
Dennis Hymanson
Thomas C. Olander
Raymond Perlman
Victor Rosenblum
Mrs. Ada Rubenstein
Steven M. Rubin
Craig Rutman
Orrin Sechter
Michael Silverman
Sheldon Stewart - ex-officio
J. David Waddington

Women's President
Mrs. Ada Rubenstein

Past President
Sheldon Stewart

General Manager
Bernice M. Simons

January 15, 1985

85-6200
RECEIVED
JAN 22 1985
REGION VI
WATERS

John G. Fax, Hydrologist
MDNR Bldg, Box 132
500 Lafayette Road
St. Paul, Minnesota 55146

Re: Water Appropriation Permit

Mr. Fax;

Enclosed you will find our application for a permit for Appropriation of Waters. I greatly appreciate your help in completing this application. I have marked the location of Hillcrest property on the map which you sent to me.

Other information you may need is the well is 530 feet deep, diameter is 10", pump name is GPM. The well was drilled in 1934 by Max Renner. The well is located in front of and under the Clubhouse.

I believe that I've filled in everything on the application except numbers 8 and 11.

Cordially,

George Ostler

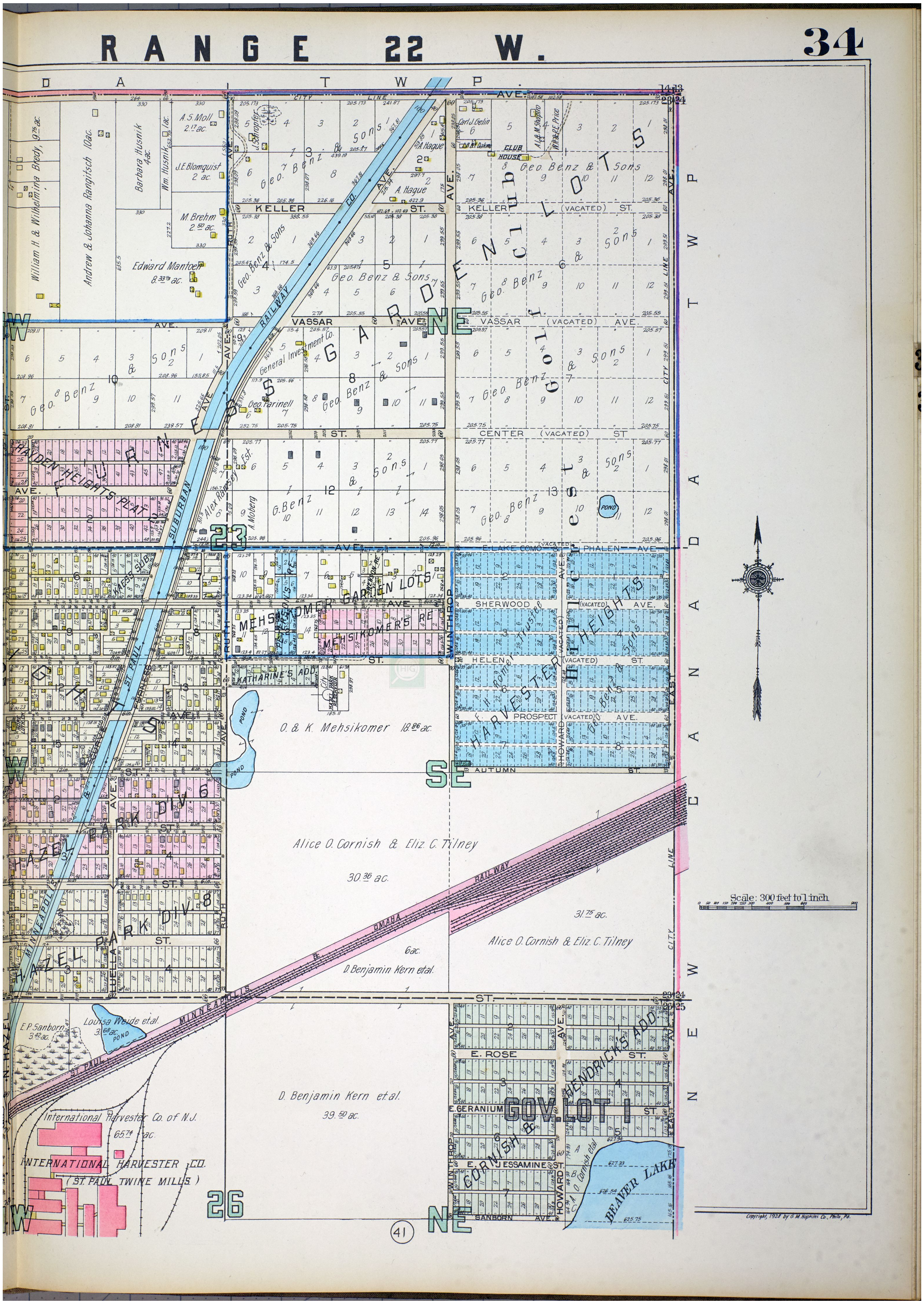
George Ostler
Grounds Superintendent.

GO/bs

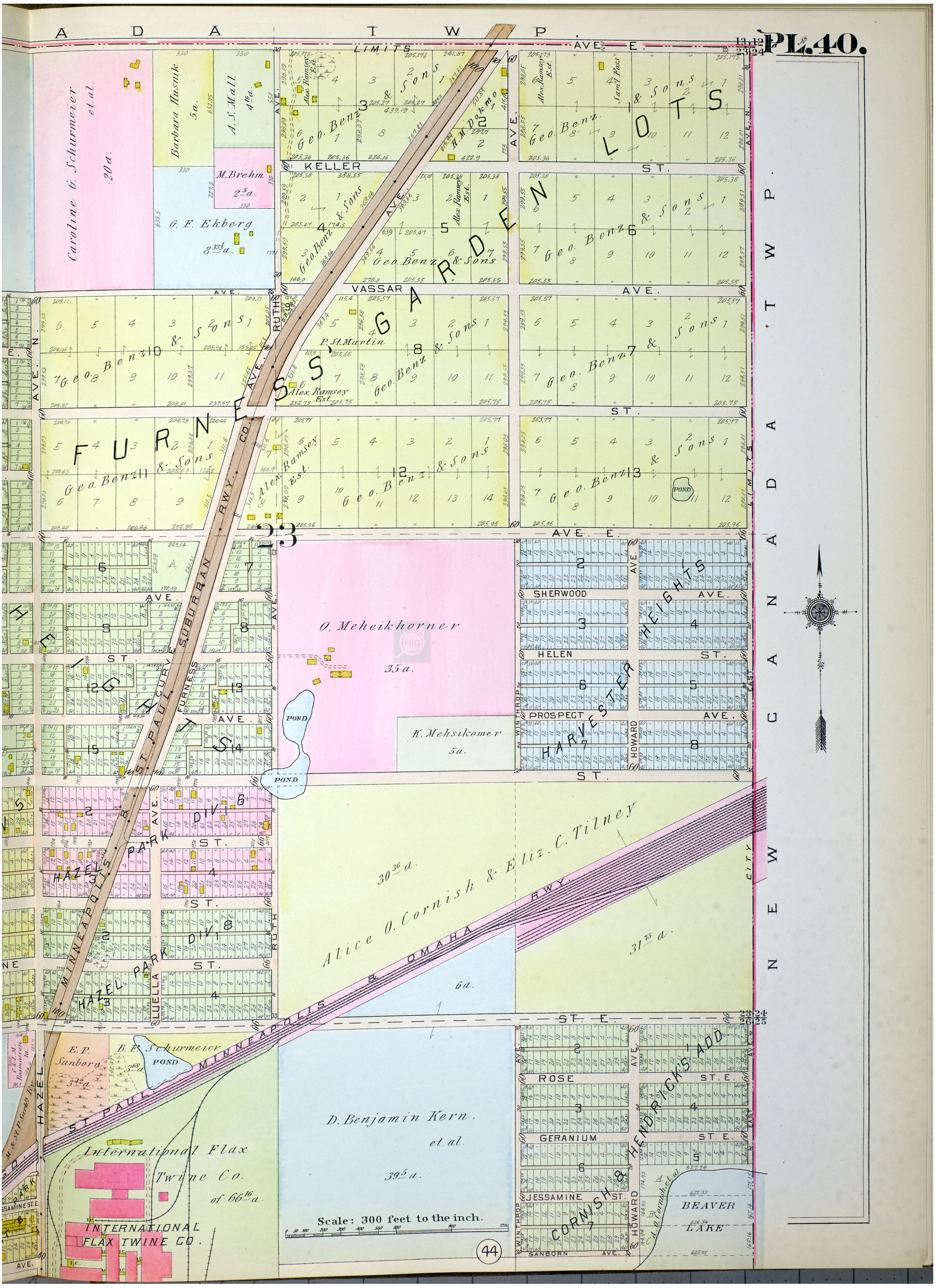
RECEIVED
JAN 18 1985
Division of Waters

Appendix G

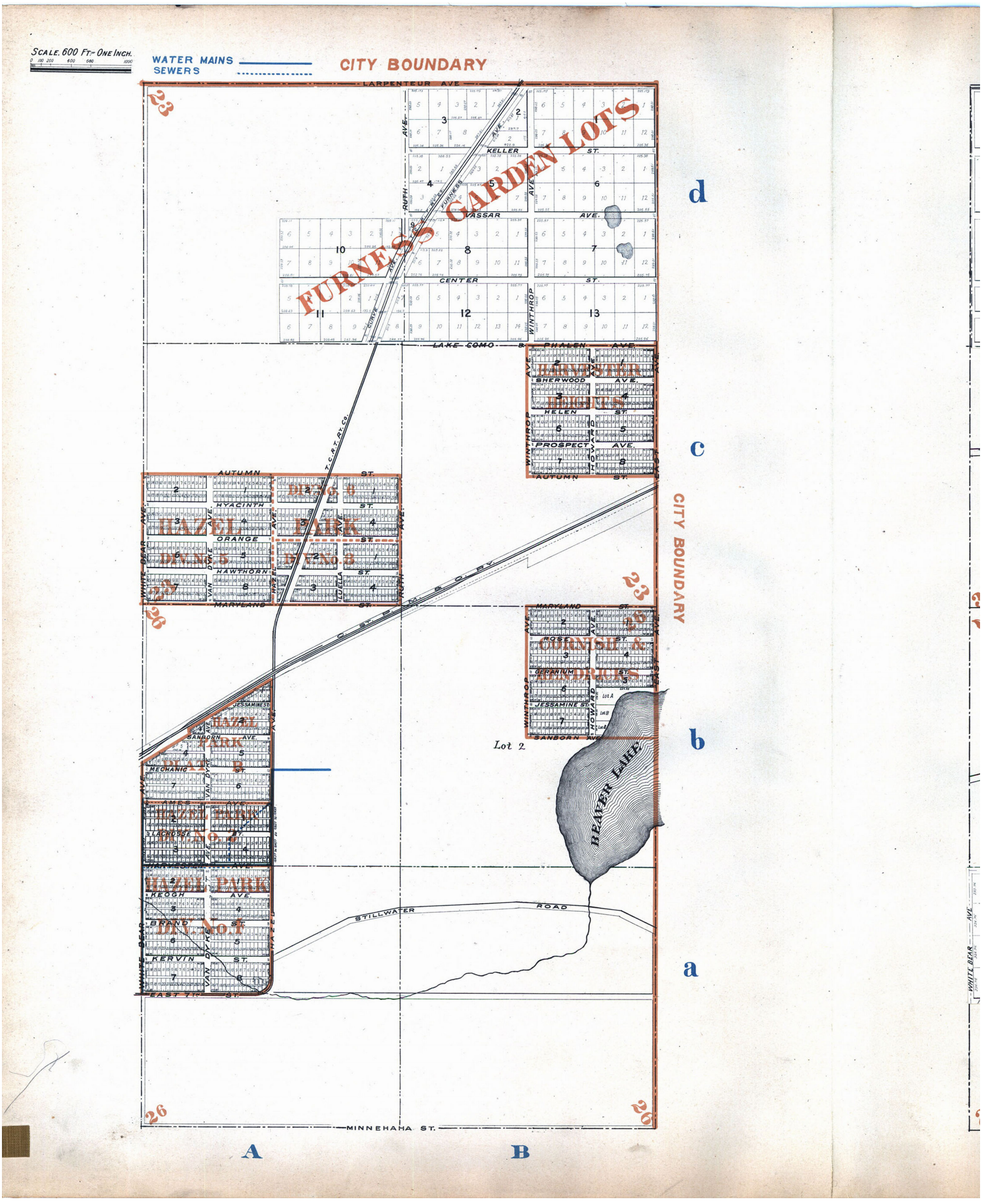
Historical Maps



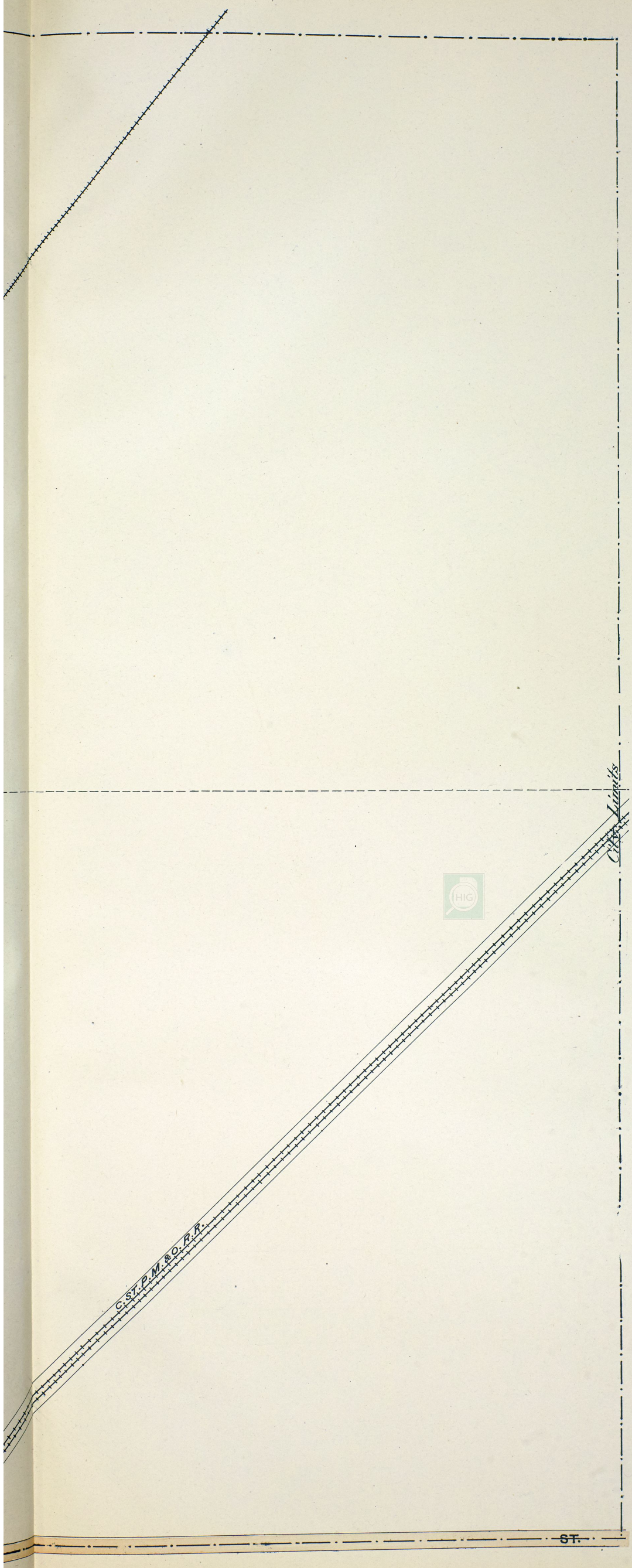
Map Type: Real Estate Atlas Publisher: G. M. Hopkins Publication Name: Saint Paul, MN Base Map Date: 1928 Revised Date: Republished Date: Sheet Number: 34R	**1928**	Requested by: Braun Intertec Corporation Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN Client Project # B1903316 HIG Project # 2026039 www.historicalinfo.com	HIG



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 Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN Client Project # B1903316 HIG Project # 2026039 www.historicalinfo.com	HIG



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 Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN Client Project # B1903316 HIG Project # 2026039 www.historicalinfo.com	HIG



	ORIGINAL.			COPY.		
	B.	P.		B.	P.	
Hazel Park Division No. 5	14	49	July 15, 1890	14	49	July 15, 1890
Hazel Park Division No. 6	15	8	Aug. 14, 1890	15	8	Aug. 14, 1890

Drawn to a Scale of 200 feet to an inch.

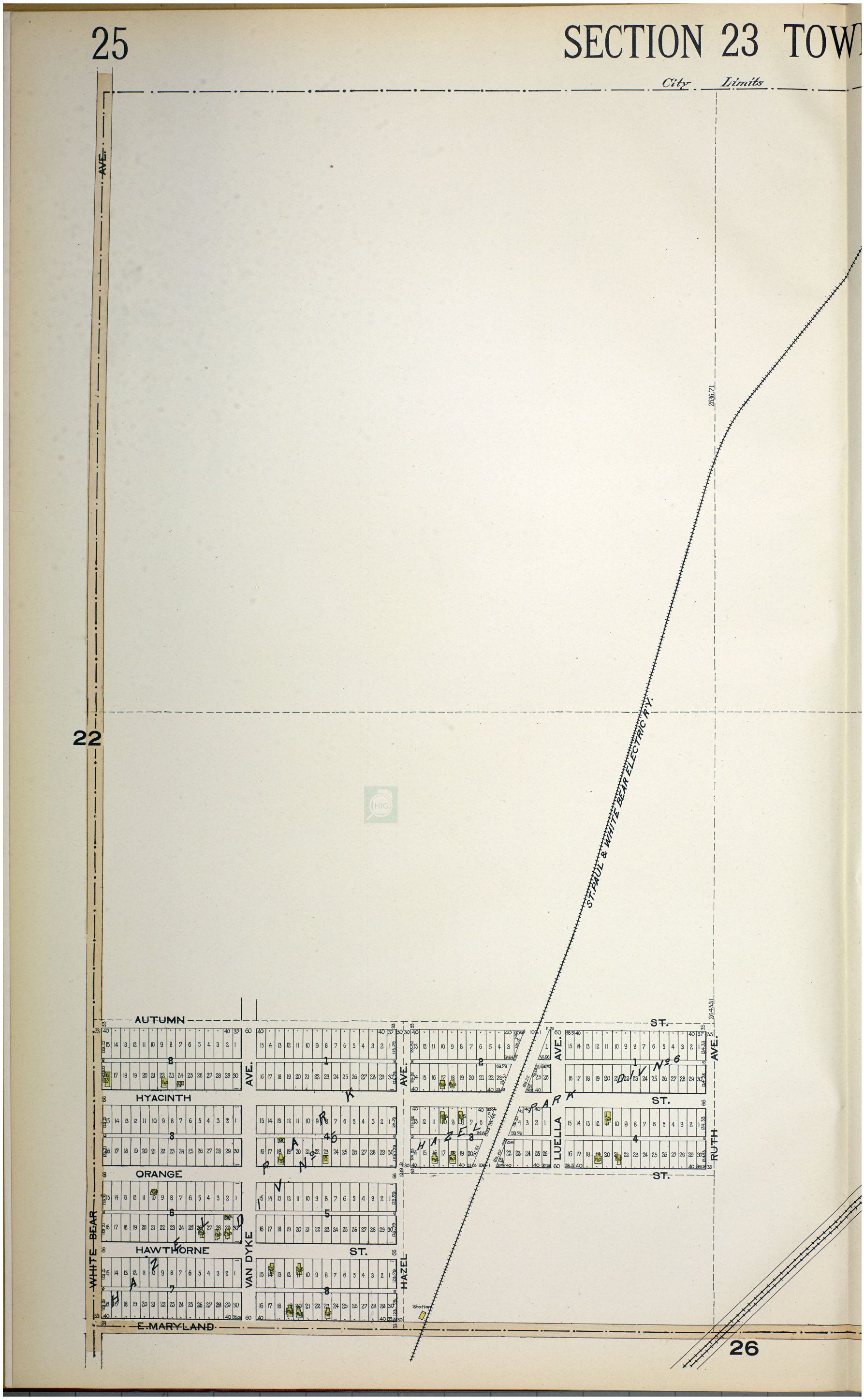
Entered according to Act of Congress, in the year 1892, by Reuben H. Donnelley, in the office of the Librarian of Congress, at Washington, D. C.

Map Type: Real Estate Atlas
Publisher: H. Donnelly
Publication Name: Saint Paul, MN Vol. 1
Base Map Date: 1892
Revised Date:
Republished Date:
Sheet Number: 25R

1892

Requested by: Braun Intertec Corporation

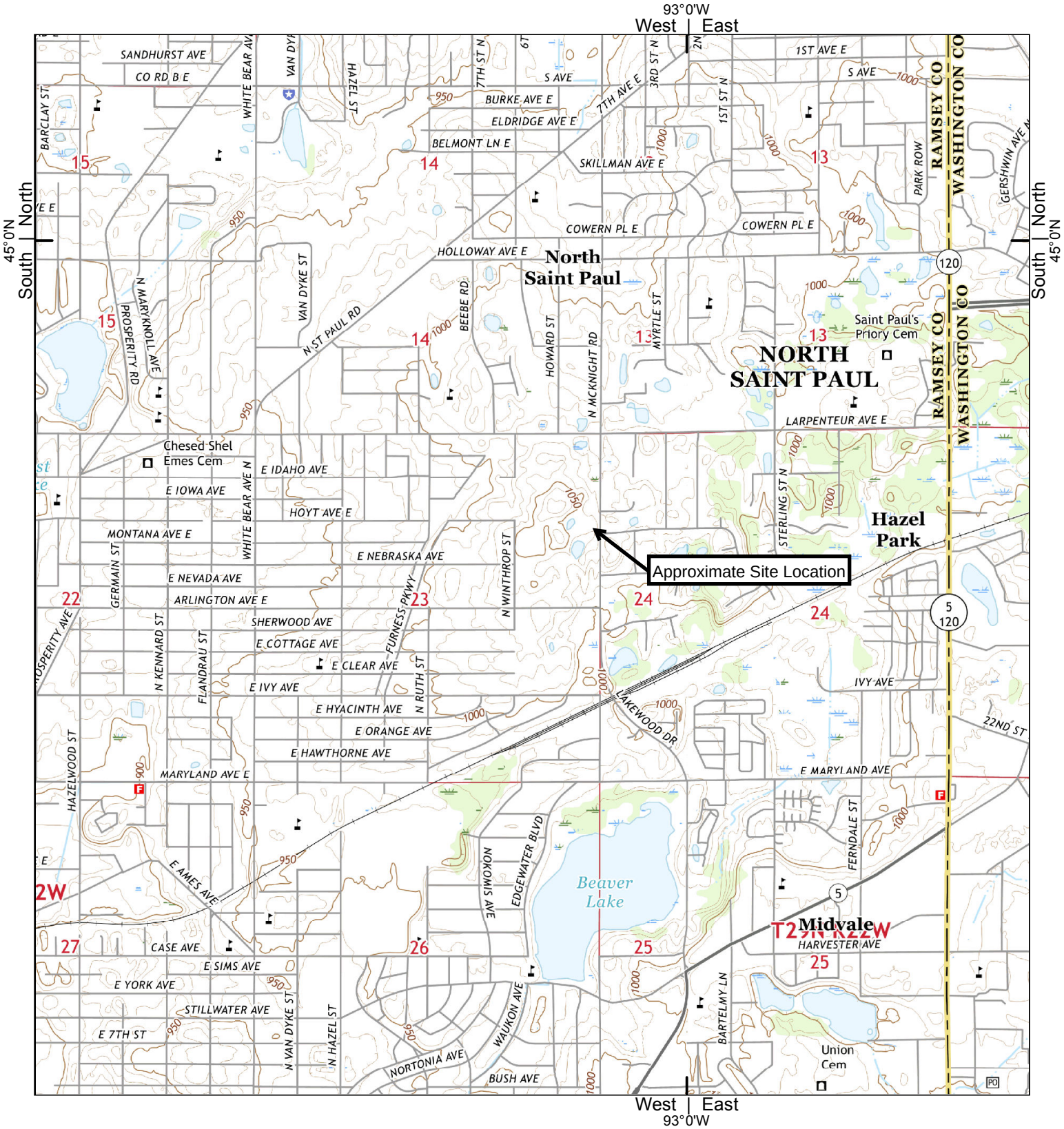
Former Hillcrest Golf Course
mcknight rd n and larpenteur ave e
St. Paul, MN
Client Project # B1903316
HIG Project # 2026039 www.historicalinfo.com



Map Type: Real Estate Atlas Publisher: H. Donnelly Publication Name: Saint Paul, MN Vol. 1 Base Map Date: 1892 Revised Date: Republished Date: Sheet Number: 25L	**1892**	Requested by: Braun Intertec Corporation Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN Client Project # B1903316 HIG Project # 2026039 www.historicalinfo.com	HIG

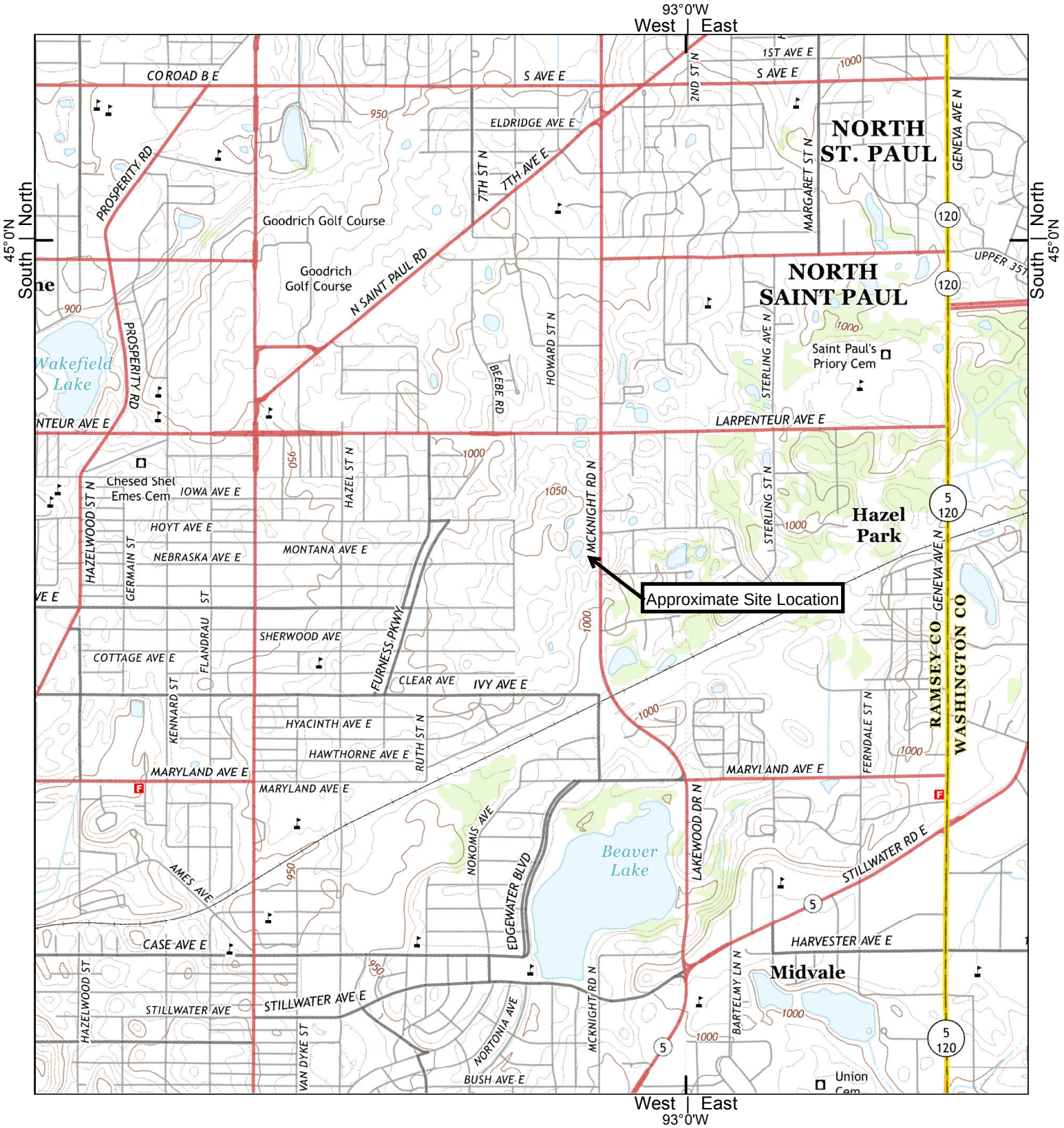
Appendix H

Topographic



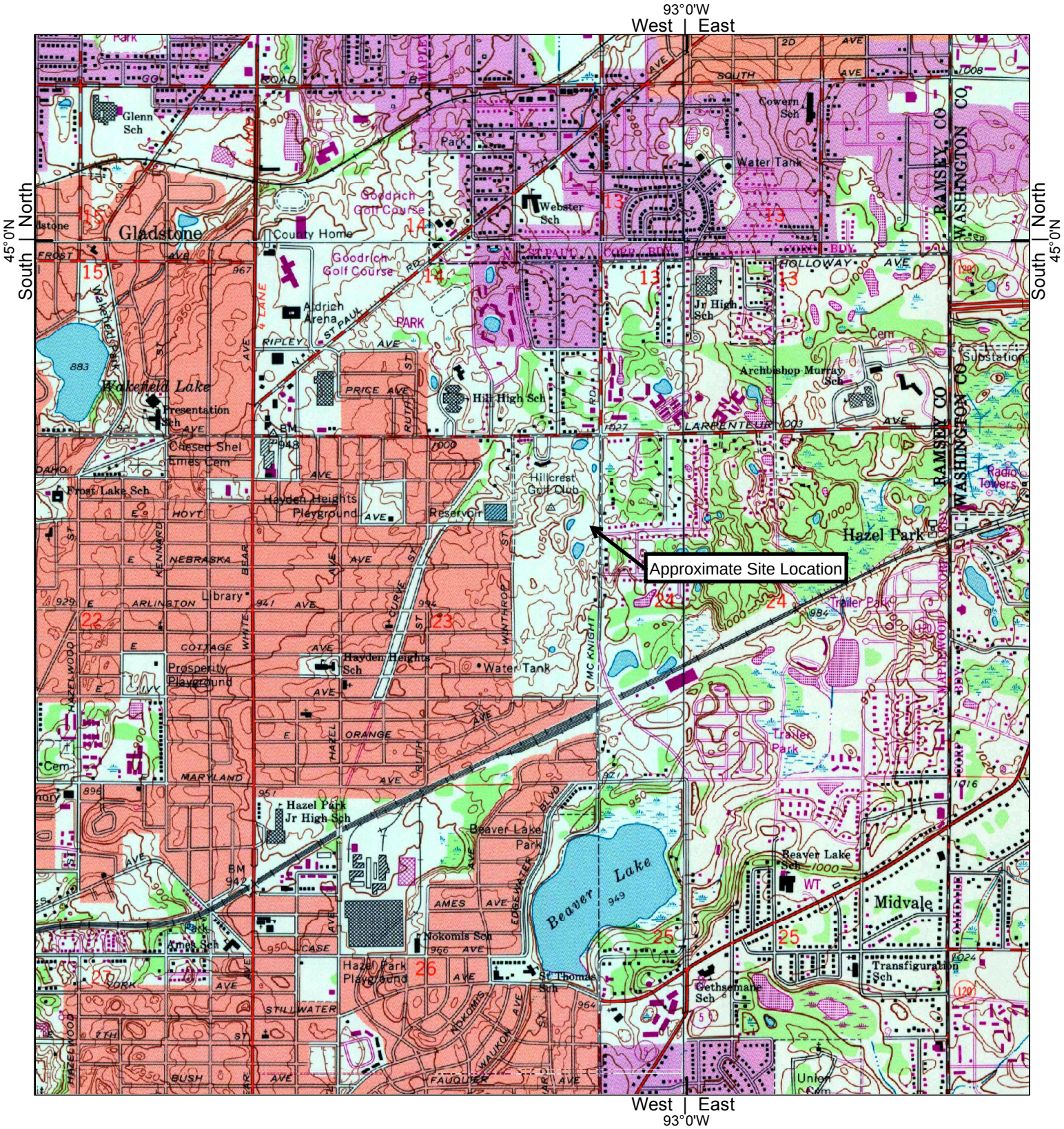
2016	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Braun Intertec Corporation project #B1903316 HIG #2026039 completed: 04/16/2019	

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	--	--	--



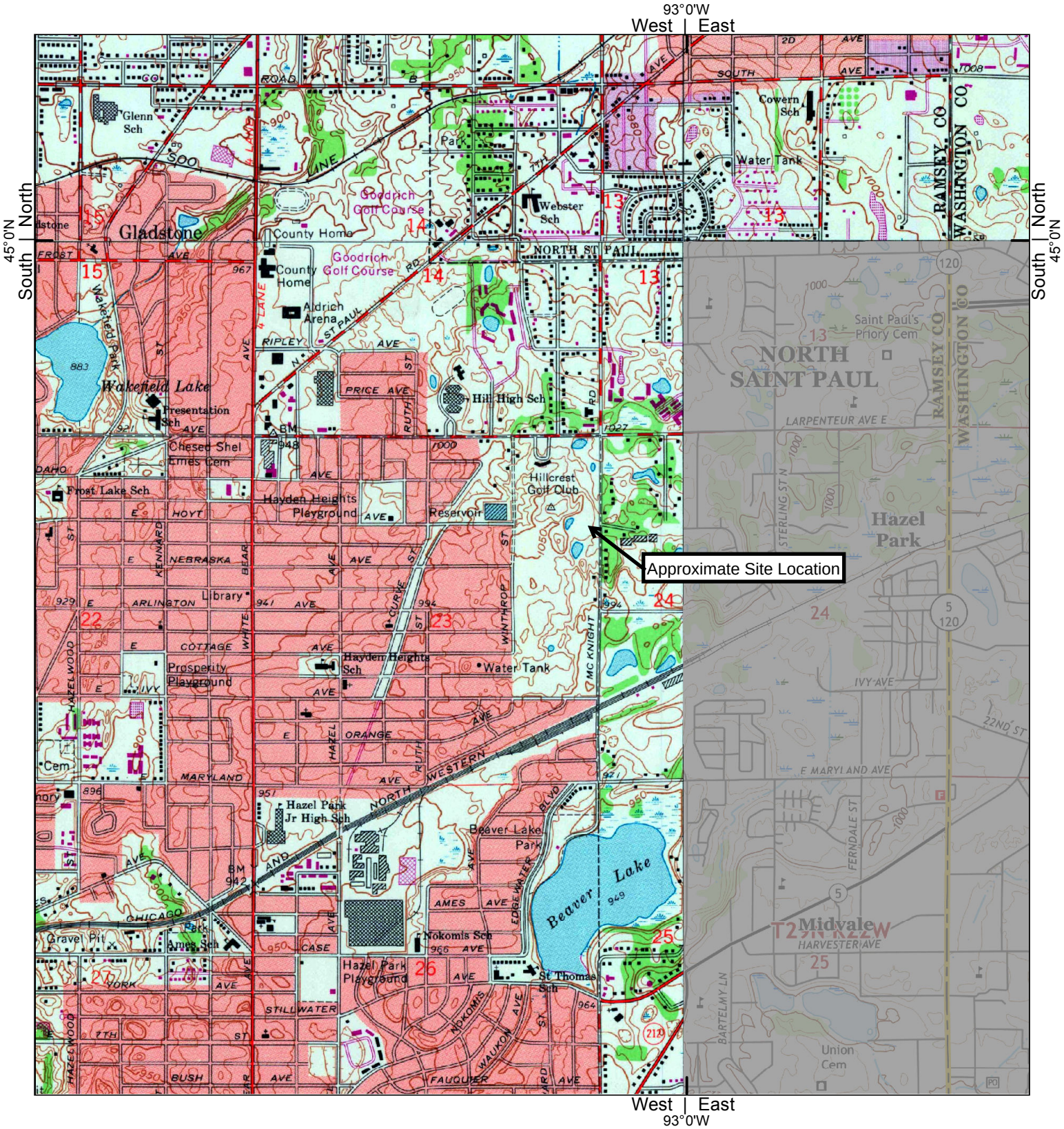
2013	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Braun Intertec Corporation project #B1903316 HIG #2026039 completed: 04/16/2019	

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	--	--	--



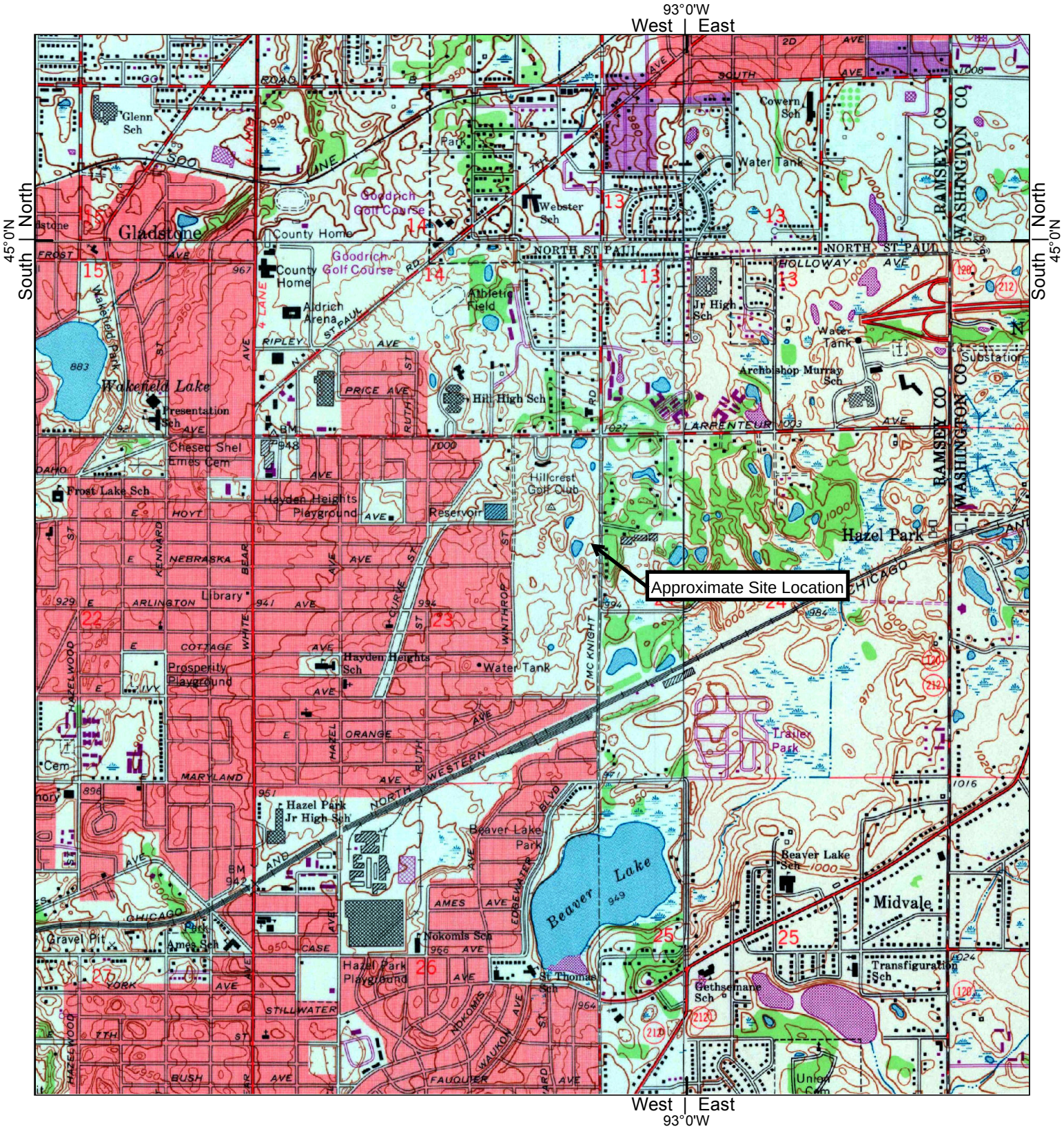
1993	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN	HIG
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Braun Intertec Corporation project #B1903316 HIG #2026039 completed: 04/16/2019		

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



1980	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN	HIG
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Braun Intertec Corporation project #B1903316 HIG #2026039 completed: 04/16/2019		

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



1972

0 Distance in Miles 1

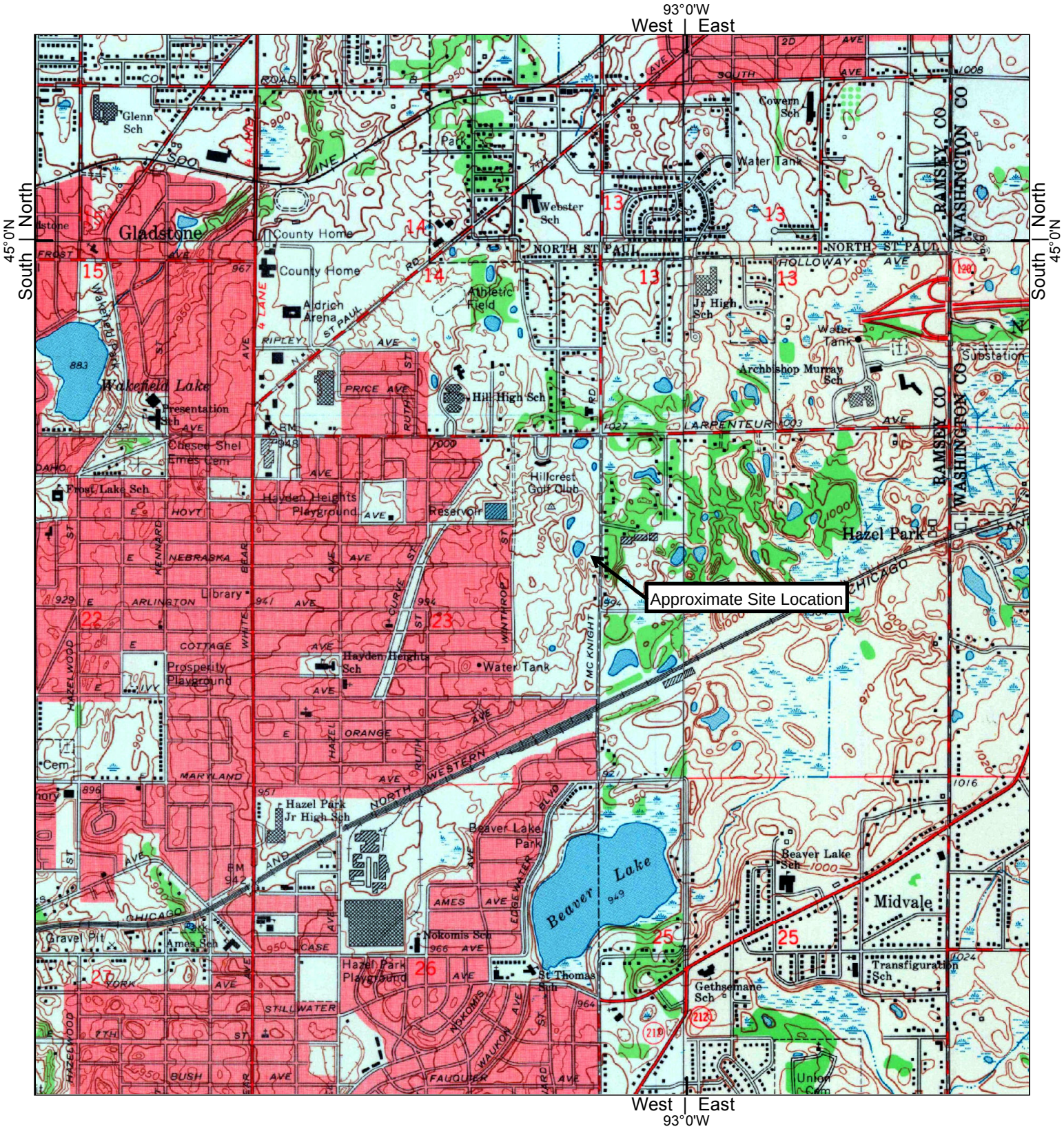
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N

Site information:
Former Hillcrest Golf Course
mcknight rd n and larpenteur ave e
St. Paul, MN

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

Braun Intertec Corporation project #B1903316
HIG #2026039 completed: 04/16/2019

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



1967

0 Distance in Miles 1

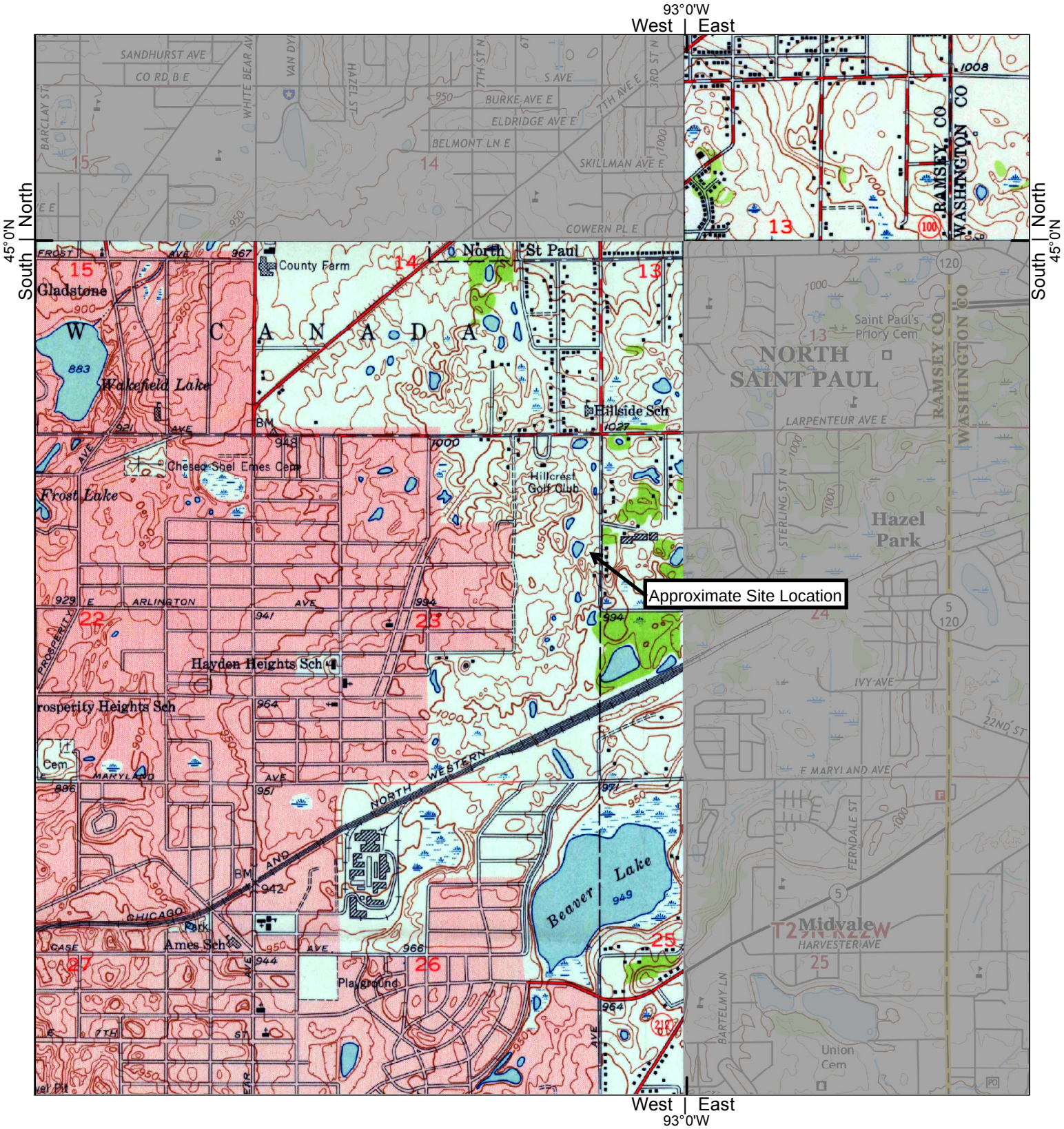
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N

Site information:
Former Hillcrest Golf Course
mcknight rd n and larpenteur ave e
St. Paul, MN

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

Braun Intertec Corporation project #B1903316
HIG #2026039 completed: 04/16/2019

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	1949	--	--
NW	White Bear Lake West, MN	USGS	7½' x 7½'	1967	1947	--	--
SE	Lake Elmo, MN	USGS	7½' x 7½'	1967	1947	--	--
SW	St. Paul East, MN	USGS	7½' x 7½'	1967	1947	--	--



1951

0 Distance in Miles 1

1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N

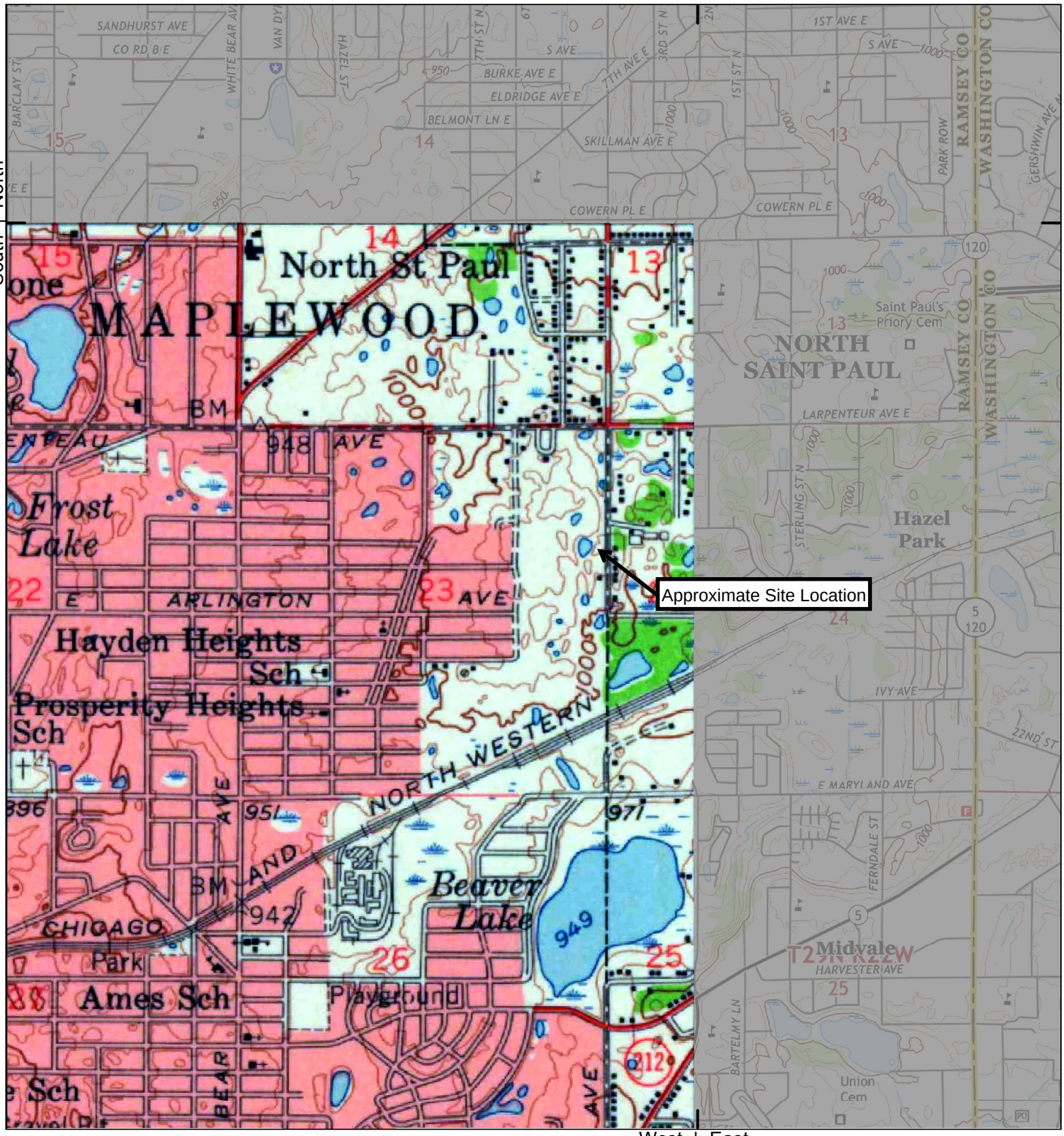
Site information:
Former Hillcrest Golf Course
mcknight rd n and larpenteur ave e
St. Paul, MN

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

Braun Intertec Corporation project #B1903316
HIG #2026039 completed: 04/16/2019

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	--	--

93°0'W



45°0'N

South | North

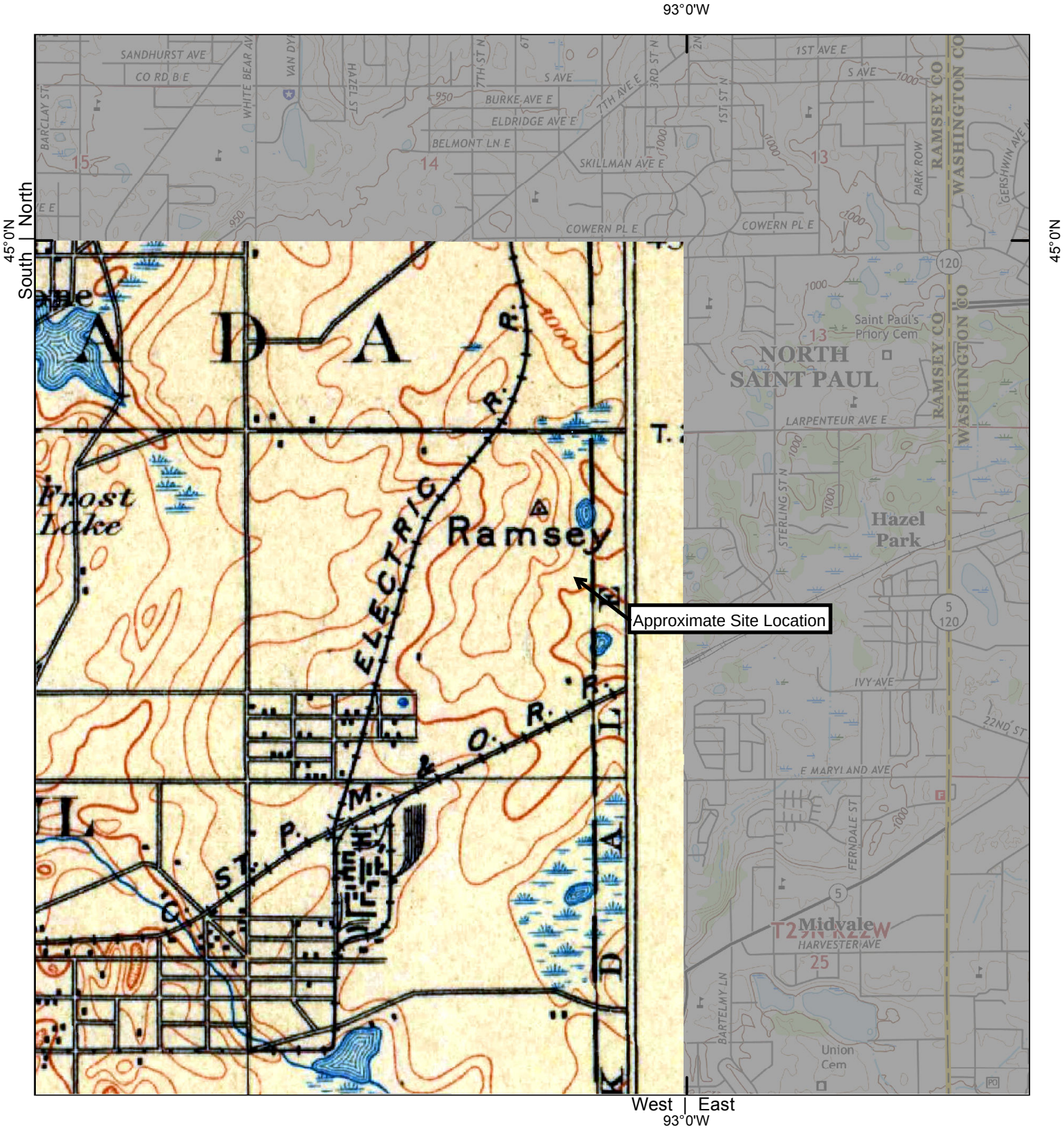
45°0'N

West | East

93°0'W

1951	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN	HIG
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Braun Intertec Corporation project #B1903316 HIG #2026039 completed: 04/16/2019		

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	--	--



1896	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: Former Hillcrest Golf Course mcknight rd n and larpenteur ave e St. Paul, MN
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Braun Intertec Corporation project #B1903316 HIG #2026039 completed: 04/16/2019	

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'	1896	--	--	--

Appendix I

Aerial Photographs

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600 Feet

BRAUN INTERTEC
The Science You Build On.

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

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1923

Sheet: 1 of 17

Figure: 3

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600
Feet

BRAUN INTERTEC
The Science You Build On.

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Minneapolis, MN 55438
952.995.2000
braunintertec.com

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1940

Sheet: 2 of 17

Figure: 3

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600 Feet

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Minneapolis, MN 55438
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braunintertec.com

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1947

Sheet: 3 of 17

Figure: 3

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600 Feet

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The Science You Build On.

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Minneapolis, MN 55438
952.995.2000
braunintertec.com

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1953

Sheet: 4 of 17

Figure: 3

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600
Feet

BRAUN INTERTEC
The Science You Build On.

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

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1958

Sheet: 5 of 17

Figure: 3

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600 Feet

BRAUN INTERTEC
The Science You Build On.

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

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

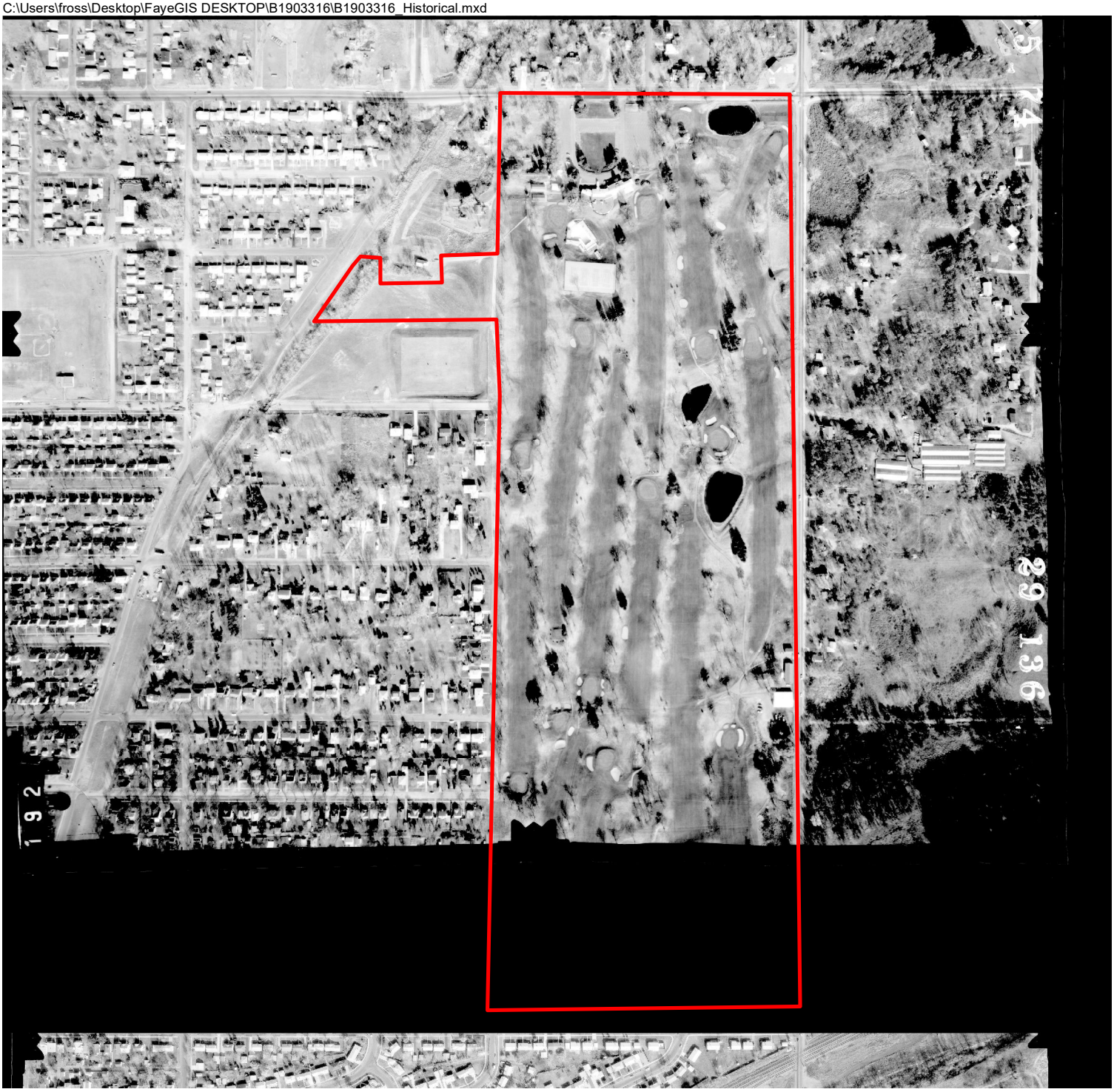
St. Paul, Minnesota

Historic Aerial 1966

Sheet: 6 of 17

Figure: 3

C:\Users\fross\Desktop\FayeGIS DESKTOP\B1903316\B1903316_Historical.mxd



Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600
Feet

BRAUN INTERTEC
The Science You Build On.

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

Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1974

Sheet: 7 of 17

Figure: 3

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Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

0 300 600 Feet

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Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1980

Sheet: 8 of 17

Figure: 3

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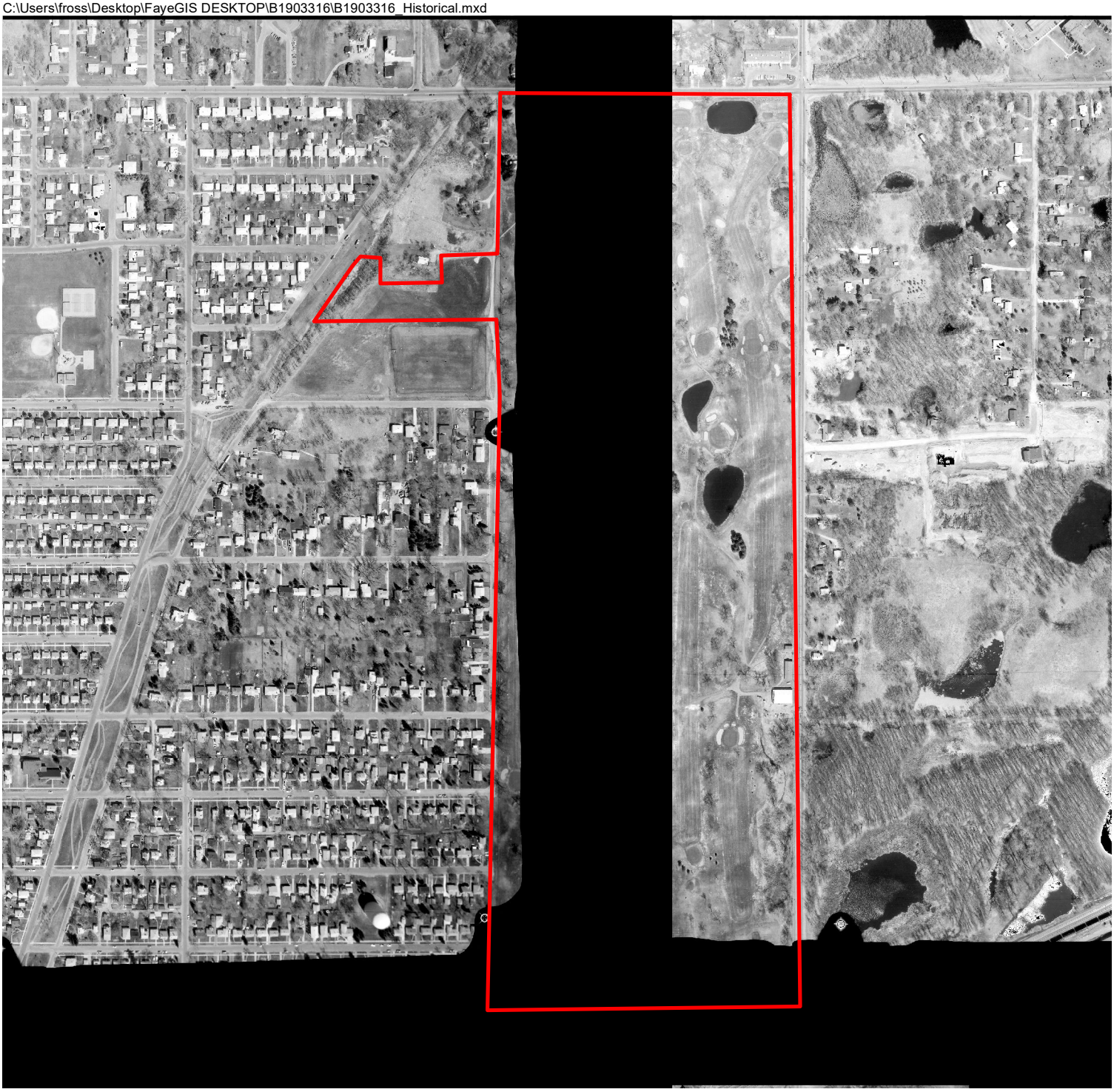

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

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Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1982

Sheet: 9 of 17

Figure: 3

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Approximate Site Boundary

Data Source:
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Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1985

Sheet: 10 of 17

Figure: 3

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Approximate Site Boundary

Data Source:
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Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1991

Sheet: 11 of 17

Figure: 3

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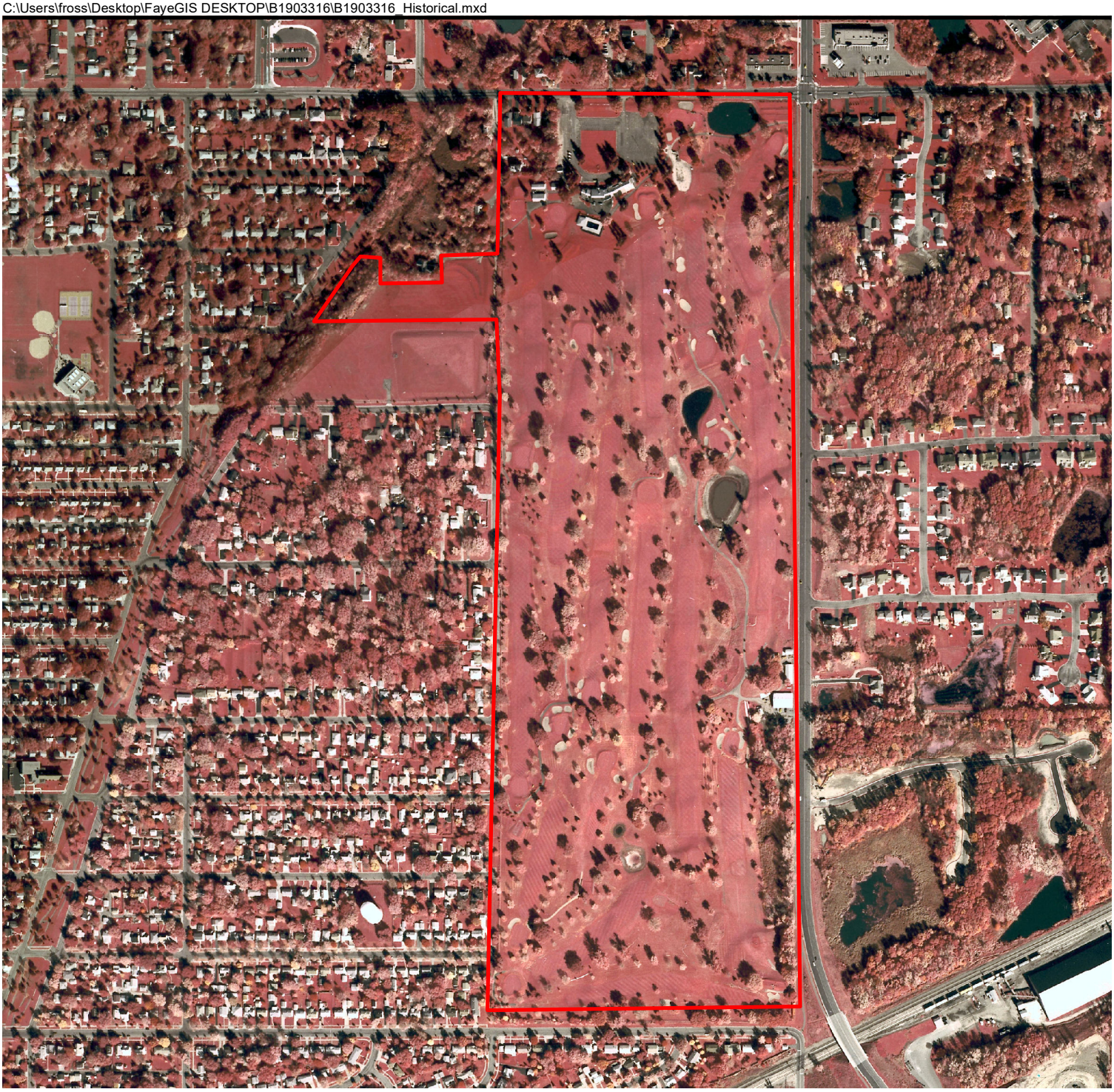

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

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Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 1994

Sheet: 12 of 17

Figure: 3

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Approximate Site Boundary

Data Source:
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Historical Information
Gatherers, Inc.

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Drawn By:	FER
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Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 2000

Sheet: 13 of 17

Figure: 3

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Approximate Site Boundary

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Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 2004

Sheet: 14 of 17

Figure: 3

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Approximate Site Boundary

Data Source:
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Drawing No:
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Drawn By:	FER
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Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 2009

Sheet: 15 of 17

Figure: 3

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Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

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Feet

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B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 2012

Sheet: 16 of 17

Figure: 3

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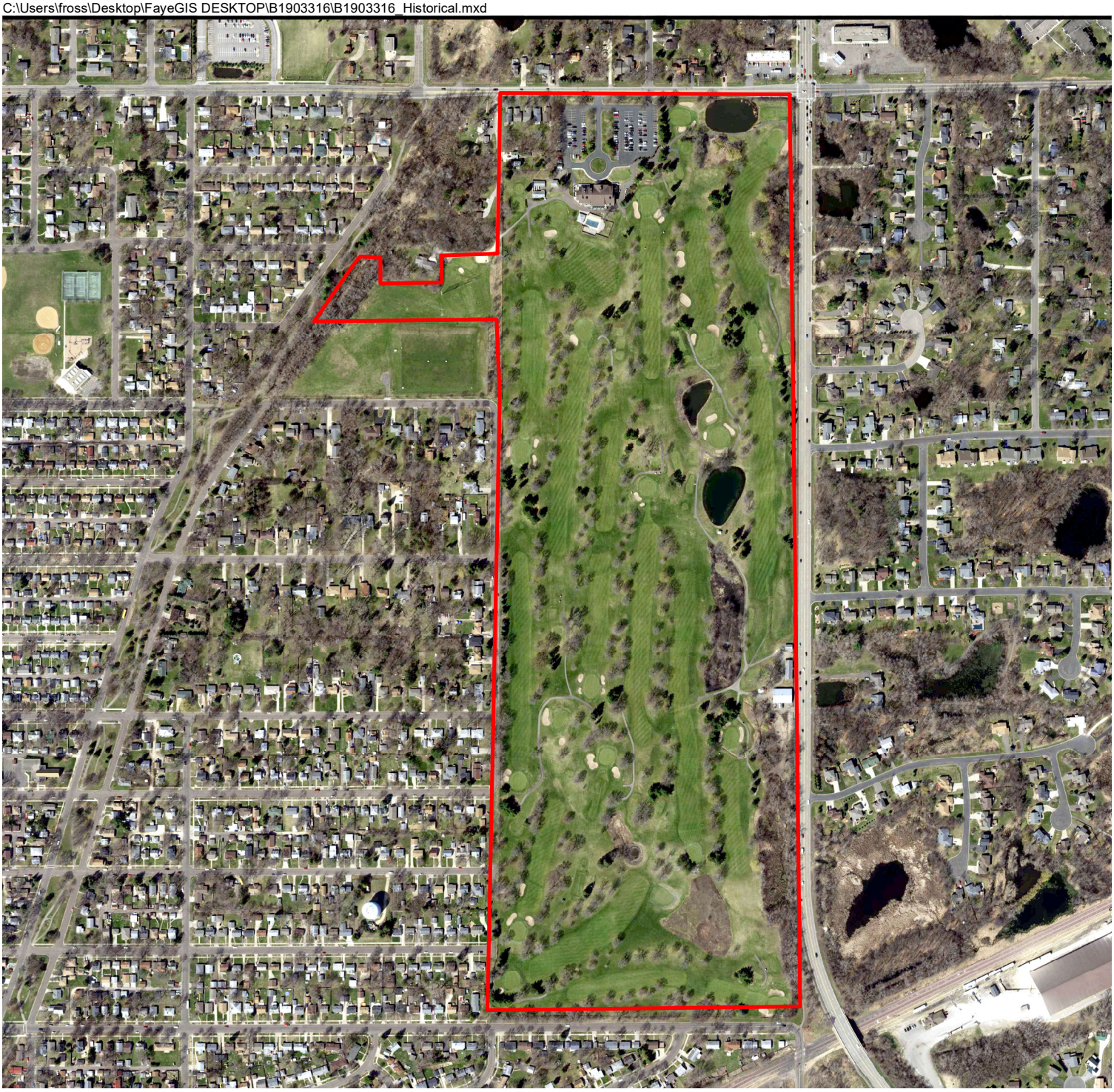

Approximate Site Boundary

Data Source:
Aerial Photograph from
Historical Information
Gatherers, Inc.

N

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Project No:
B1903316

Drawing No:
B1903316_Historical

Drawn By:	FER
Date Drawn:	4/17/2019
Checked By:	MPE
Last Modified:	4/17/2019

Former Hillcrest Golf Course

McKnight Road N and Larpenteur Avenue E

St. Paul, Minnesota

Historic Aerial 2016

Sheet: 17 of 17

Figure: 3

Appendix J

Site Photographs

Photograph #1	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	North side of the Site.	
Subject:	Clubhouse.	

Photograph #2	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	North side of the Site.	
Subject:	Cart sheds.	

Photograph #3	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	600 feet north-northwest of maintenance area.	
Subject:	Exterior of Pumphouse. Well pipe entering on right.	

Photograph #4	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Interior of pump house	
Subject:	Sump pit to hold water for pumping.	

Photograph #5	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Northwest of Maintenance Area facing southeast.	
Subject:	Maintenance Area.	

Photograph #6	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Maintenance Area/Ag Chem mixing area.	
Subject:	Two ASTs (gasoline and diesel). Water pipe valves.	

Photograph #7	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	South side of Maintenance Area.	
Subject:	South side of Maintenance Building. Well on right.	

Photograph #8	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	AG Chem storage.	
Subject:	General conditions.	

Photograph #9	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Maintenance Building.	
Subject:	Oil drums and oil stains and spillage.	

Photograph #10	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	AG Chem storage.	
Subject:	General conditions.	

Photograph #11	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Berms south of Maintenance Area.	
Subject:	Artificial Turf protruding from berm. T	

Photograph #12	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Berms south of Maintenance Area.	
Subject:	Asphalt, concrete, and PVC pipe in berm. T	

Photograph #13	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Berms south of Maintenance Area.	
Subject:	Concrete and pipe protruding from berm. T	

Photograph #14	Hillcrest Golf Club	B1903316
Date:	April 18, 2019 - May 2, 2019	BRAUN INTERTEC
Location:	Berms south of Maintenance Area.	
Subject:	General view of berm.	

Appendix K

References

Agricultural Interactive Mapping, *Minnesota Department of Agriculture What's In My Neighborhood*, www.mda.state.mn.us/chemicals/spills/incidentresponse (January 9, 2017).

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Minnesota County Well Index, n.d., http://www.health.state.mn.us/divs/eh/cwi/ (January 9, 2017).

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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.

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Appendix L

Resumes

MATTHEW P. ERICKSON, PG, CHMM

Senior Scientist

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.*

- *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.*

MARK D. KEEFER, PG

Associate Principal -Senior Geologist

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

Minnesota Groundwater Association

National Groundwater Association

Toastmasters International, Competent Communicator – Awarded 2016

Mr. Keefer has worked as a hydrogeologist in the environmental field since 2003, providing professional consulting services 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 as the program director for a consulting services contract the 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.

Specific project responsibilities include:

- Developing and implementing investigation work plans, sampling and analysis plans (SAPs), Response Action Plans (RAPs), quality assurance project plans (QAPPs), and construction contingency plans.
- Construction oversight including remediation systems and institution controls.
- Communicating with regulatory personnel and enrolling sites in Minnesota's Petroleum Brownfields and Voluntary Investigation and Cleanup Programs.
- Managing clients, developing and administering project budgets.
- Writing proposals and final reports, supervising field implementation and providing senior report review.
- Performing Phase I ESAs in accordance with American Society for Testing and Materials (ASTM) Standard for Commercial Real Estate Transactions, Practice No. E-1527.
- Providing technical quality control review of reports.

SELECT PROJECT EXPERIENCE INCLUDES:

- *Environmental Consulting Contract with the MPCA, Various Sites, MN* — Program director/project manager for the Level I/II 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.

<u>Select Due Diligence Projects</u>

- ***Phase I Investigation,*** Westminster Presbyterian Church, *1221 LLC, Minneapolis, MN.* (BIC Project # B1511540) Geologist/Project Manager for the Phase I investigation of over 100 year old Church in downtown Minneapolis.
- **Phase I Investigation,** 400 71st Avenue Northeast, 6911 University Avenue Northeast, 7011 University Avenue Northeast, Fridley, Minnesota, City of Fridley,

Minnesota. (BIC Project # B1509930). Geologist/Project Manager for the Phase I ESA of a City Public Works facility.

- **Phase I and II Environmental Site Assessments, Railroad Corridors, Multiple States**. Geologist for the Phase I/II ESAs of active railroad corridors in several states as part of an acquisition in South Dakota (Three sites), and Iowa (Two Sites). Work included performing Phase I and Phase II environmental site assessments at each facility Included reviewing current and past operations consisting of various railroad operations and leased properties with various tenants. Phase II work including drilling along active railroad tracks and in maintenance yards. Work was performed for a Railroad client following various client specific requirements for access, and health and safety.
- **Phase I and II Environmental Site Assessments, and Limited Compliance Audits (13 sites),** Wilbur Ellis Corporation, Agricultural Distribution Facilities, Multiple States — South Dakota (Three sites), Nebraska (one site), Kansas (seven sites), and Texas (two sites). Geologist for the Phase I/II ESAs of agricultural distribution facilities in several states as part of several acquisitions. Performed Phase I and Phase II environmental site assessments, and a limited compliance audit in regards to environmental compliance and health and safety procedures at several facilities that perform aerial/ground application of agricultural chemicals, and distribution of agricultural chemicals and petroleum products. Facilities included chemical manufacturing, warehouses, airports, distribution and related facilities. The work was performed on a very tight timetable and in adverse weather conditions.
- ***Brownfield Investigation and Response Acton Plan Implementation,*** *City of Fridley Civic Center, Fridley, MN* —Senior geologist and project manager for a 30 acre redevelopment of a former ice arena, firefighting training and public works facility. The work included multiple investigations including Phase I ESAs, Phase II ESA, Limited Site Investigations, remedial investigations, soil vapor investigations and hydrogeological investigations. The remedial actions performed included leaking underground tank removals, soil removal and off-site disposal, building abatement and demolition, soil and soil vapor remedial action implementation and ongoing groundwater investigation of impacts. The site impacts included petroleum VOCs, PAHs, Metals and perfluorocarbon (PFCs).

- ***Brownfield Investigation and Response Acton Plan Implementation,*** *10-Acre Brownfield Redevelopment Site, Brooklyn Center, MN* — Geologist/Project Manager for the characterization and remedial action development and implementation for the redevelopment of a 10-acre Brownfield site impacted with PAHs, asbestos and metals. Work involved asbestos removal and disposal, geotechnical and environmental soil correction, extensive 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. Fill soils ranging from 2 to 33 feet in thickness

covered most of the site, with samples showing both carcinogenic and non-carcinogenic PAHs. Petroleum was also detected in samples. Many problematic materials were faced during remediation, including 77 previously unknown buried steel and concrete piles, brick fragments, concrete slabs, bituminous fragments, chucks of tar, sewer tile, geotextile fabric, unknown rubber materials, Styrofoam, and metal. Along with 65,000 cubic yards of contaminated fill soil, which was found to be below the groundwater table by as much as 20 feet, six former tennis courts painted entirely with products containing asbestos were excavated from the site.

- *RCRA Hazardous Waste Site, Warroad, MN* — Project geologist for the excavation, over-packing, removal and transportation for disposal of multiple buried drums containing chlorinated solvents. Direct work included overseeing and directing test trench excavations based on geophysical survey results to find buried drums; directing precision excavation and the removal of buried drums and impacted soil; performing in-field screening to separate impacted soil from clean soil in order to reduce the cost of disposal., assisting in and directing the over packing of drums for transport to a disposal facility; responsible for maintaining the exclusion zone, mentioning air quality, and ensuring proper de-contamination of the workers in the exclusion zone.
- *Wood Treatment Facility, AGVIC Site Investigation and Clean Up, Lester Prairie, MN* — Project geologist for the site characterization and investigation and remedial response planning and implementation of remedial actions for soil and groundwater impacted with organic hydrocarbons at a former wood treatment facility. The site was entered into the Minnesota Department of Agriculture VIC (Voluntary Investigation and Cleanup) program. Direct work includes performing site investigative activities, overseeing the excavation, classification, segregation and stockpiling of over 3,700 tons of contaminated soils, overseeing the chemical treatment of over 650 tons of impacted soils with iron activated Fenton's Solution and alkali activated sodium persulfate, overseeing the backfilling and compaction of soils into the excavations and paving of the backfilled excavations, and confirmation sampling of the treated soils.
- *Soil Vapor Intrusion Study, Multiple Locations, MN* —Minnesota Pollution Control Agency (MPCA), Geologist/Project Manager Responsible for the investigation of soil vapors at eighteen sites in Minnesota. Work has included the preparation of site sampling plans for all sites; collecting soil vapor samples using summa canisters; reporting the results, and project management. Direct work also included overseeing and performing the contract related procedures and documentation for the client.
- *Brownfield/AGVIC Site Investigation, UAP, Brooklyn Center, MN* — Soil and Groundwater Investigation, Hydrogeologist for the remedial investigation of soil and groundwater impacted with pesticides, petroleum products, metals, chlorinated hydrocarbons, and PAHs. The Site is entered into the Minnesota Department of Agriculture (MDA) and the MPCA voluntary clean up programs.

**While employed by another firm.*

Direct work includes: extensive research into pesticides, preparation of site investigation workplan, performance of preliminary site investigation consisting of test trench testing and logging, preparation of preliminary investigation report.

- Soil, soil vapor and Groundwater Investigation and Response Action Plan, Universal Plating, Minneapolis, MN. — Geologist/Project Manager for the Investigation of a former plating facility. Responsible for the project management, preparing the sampling and analysis plan for the Phase II investigation, performing the investigation and preparing the remedial action plan. The phase II investigation included soil borings, test trenches, soil vapour probes, and temporary groundwater wells. The results of the Phase II Investigation identified impacts to soil from metals, TCE and PCE, and impacts to soil vapor and groundwater from TCE. The Phase II investigation results were used to prepare a response action plan to deal with the identified impacts during re-development of the site into an athletic field.

- *Limited Site Investigation, Eveleth, MN* — Geologist/Project Manager for a limited site investigation under the Minnesota Petroleum Remediation Program. Work included receptor surveys, risk assessment, soil, groundwater and vapor sampling and reporting at a former snowmobile manufacturing facility.
  Limited Site Investigation, Minnesota Pollution Control Agency, Winthrop, MN. —. Geologist/Project Manager for a limited site investigation under the Minnesota Petroleum Remediation Program. Work included receptor surveys, risk assessment, soil, groundwater and vapor sampling and reporting at a former gas station.

- Humboldt Industrial Park Redevelopment, Real Estate Recycling, Minneapolis, MN. — Geologist/Project Manager for the redevelopment of an undeveloped site impacted with hydrocarbons, metals, and pesticides. The site neighbors a former pesticide facility and a former wood treatment facility and was used by the City of Minneapolis as a site to deposit street sweepings. Direct work included historical review and site remedial investigative activities, analyzing data, and preparing work plans, reports, and subcontractor contracts.

- Underground Storage Tank Investigation and Removal, Medtronic, Inc. Brooklyn Center, MN. — Staff hydrogeologist for the investigation and removal of an underground storage tank (UST). Direct work included Geoprobe soil sampling around the tank, collecting soil samples for analysis, coordinating subcontractors, and overseeing the excavation and removal of the UST.

- ***Building Demolition, Minneapolis, MN.*** Geologist/Project Manager for the investigation, demolition and grading of a former apartment building. Direct work included preparing the demolition technical specifications to solicit bids, selecting

**While employed by another firm.*

and contract with various contractors, overseeing the abatement of the hazardous building material including asbestos and lead, coordinating and overseeing the demolition of the former apartment building, directing and overseeing the removal of a 3,000 gallon fuel oil UST, performing a excavation to remove petroleum impacted soils, debris soil removal, and site backfilling with clean imported soils.

- **Miscellaneous**
- ***Seismic Assessment and Rock Coring,*** *Mesquite Regional Landfill, Imperial County, CA.* (GMX Project # 12054) Staff Hydrogeologist for the seismic assessment for the proposed location of a landfill. Direct work included oversight of rock coring crew, cleansing and labeling of rock core, photographing and cataloging rock core.
- ***Pump Removal,*** *City of Lancaster, Lancaster, CA.* (GMX Project # 10548.000.0) Staff hydrogeologist for the investigation of land used for agricultural purposes. Direct work included oversight of the removal of several pumps and components from large-diameter, deep production wells; oversight of the destruction of large-diameter, deep production wells; video logging of well casings; monitoring well installation and soil logging; and soil and groundwater sampling. As part of this project, completed desert tortoise and desert tortoise habitat safety and sensitivity training; certification valid until 2010.
- ***Underground Storage Tank Investigation and Removal,*** *Medtronic, Inc. Brooklyn Center, MN.* (GMX Project # 12346.000.0) Staff hydrogeologist for the investigation and removal of an underground storage tank (UST). Work included site investigation, and overseeing the proper removal and disposal of an UST.
- ***Underground Storage Tank Investigation and Removal, Apartment Building, Minneapolis, MN,*** directed and oversaw the proper removal and disposal of a 5,000 gallon fuel oil tank in an apartment building during demolition.
- ***Underground Storage Tank Investigation and Removal, Mound, MN,*** directed and oversaw the proper removal and disposal of a 20,000 gallon fuel oil tank at a School in accordance with MPCA rules.
- **publications and presentations**
- "Wetland restoration and groundwater-surface water interaction in glacial Lake Agassiz beach ridges, northwestern Minnesota." P.J. Gerla and M. Keefer. 47th Annual Midwest Ground Water Conference, Fargo, ND. October 2002.
- "Introduction to Environmental Issues at Building Sites" M. Keefer, 60th Annual Institute for Building Officials Conference, University of Minnesota, St. Paul campus, January 11, 2016.
- "Vapor Intrusion Study" M.Keefer, Minnesota Department of Transportation Conference, June 2016

**While employed by another firm.*