



## Site Name

# Scrap Metal Processors

## Site Address

(at time of 2015 update)

1129 and 1221 Second Avenue N  
205 Girard Avenue N  
210, 214, and 232 Humboldt Avenue N

## Additional Information

- Site layout and sampling location figures (Refs. 7, 8, 9, 11, 19, 21)
- Boring logs (Refs. 7, 8, 9, 18, 21)
- Geologic Cross Sections (Ref. 8)
- Well information (Ref. 8)
- Groundwater contour map (Ref. 8)
- Water level table (Ref. 8)
- Groundwater data maps (Refs. 7, 8)
- Groundwater data tables and information (Refs. 7, 8, 9)
- Soil data maps (Refs. 7, 8)
- Soil data tables and information (Refs. 7, 8, 9, 10, 11, 21)
- Soil vapor data (Ref. 21)
- Remedial action excavation figures (Ref. 10, 20)

This summary document, in conjunction with Hennepin County's Environmental Data Access Tool (EDAT) website, is intended to provide baseline environmental information for facilitating site decision making and expediting the environmental due diligence process. Information was synthesized from the resources referenced, which are assumed to be accurate. This summary is focused on impacts to groundwater at the site; therefore, the information and data gaps reported should not be considered a complete representation of the environmental conditions at the site. This document is subject to the methodology, terms, and limitations provided via links on the EDAT.

## Site Overview

The site was formerly used for bulk petroleum storage and scrap metal processing. Site extent consists of one large, main parcel and five small parcels over several city blocks. Releases from onsite and/or offsite source(s) resulted in petroleum, chlorinated VOC, metals, PAH, cyanide, and PCB contamination. Only a portion of the impacted soils have been removed from the site. The site was acquired by the City of Minneapolis in 2003, and a Retroactive No Association Determination letter was issued to the City in 2005 (Ref. 13). The site is part of the Van White Memorial Boulevard VIC site (VP#19870).

## Site Groundwater Information

- Five onsite monitoring wells (MW-1 to MW-5): status unknown.
- Groundwater typically occurs between 5 to 10 feet bgs (Refs. 8, 10).
- Groundwater flow directions measured in a 2003 monitoring event were generally to the south, ranging from south-southeast to southwest (Ref. 8).
- Metals groundwater contamination has been documented across the site (Ref. 8).

- Petroleum and chlorinated VOC groundwater contamination has been documented at 1129 Second Ave. N, where free product and sheen have been observed, and adjacent to 1221 Second Ave. N (Refs. 7, 8).

## Site Use(s)

The site consists of six different parcels with different addresses, with the following uses at the time of the 2009 site visit:

- 1129 Second Ave. N (main parcel): Vacant with a dirt road and a large vegetated stockpile at the northwestern edge. Southern portion at slightly higher elevation than surrounding properties. Most of the site was not clearly visible from the public right-of-way (Refs. 5, 14).
- 1221 Second Ave. N: Vacant grass field with what appears to be a monitoring well (unique #664391) on the southern portion of the parcel (Refs. 5, 14).
- 205 Girard Ave. N, 210 Humboldt Ave. N, and 214 Humboldt Ave. N: These addresses represent three adjacent parcels occupied by a vacant grass field with what appears to be a monitoring well (unique #664390) installed on a cement pad in the northwest corner of the parcel at 214 Humboldt Ave. N (Refs. 5, 14).
- 232 Humboldt Ave. N: Vacant grass field with what appears to be a monitoring well (unique #664389) centrally located at the parcel (Refs. 5, 14).

## Pertinent Historical Use(s)

Historical use is summarized by parcel address.

- 1129 Second Ave. N (main parcel): Historical addresses associated with this parcel include 201 Fremont Ave. N and 221 to 223 Emerson Ave. N. (Refs. 1, 4, 6).
  - Developed by 1923 as a box factory and storage facility (Ref. 1).
  - Oil company operations began in the 1930s (Refs. 1, 2, 4, 6):
    - Firestone Oil Company (eastern portion of site) from the 1930s to the 1960s and adjacent Richards Oil Company (western portion of site) from at least 1950 to the 1970s.
      - Numerous ASTs ranging in size from 8,000 to about 500,000 gallons. Contents reported included fuel oil, gasoline, PCE, and a distillate (Refs. 1, 6).
      - Oil pump house, oil products warehouse, tank loading area, and tank car shed reported (Ref. 1).
  - A&L Laboratories (soap manufacturing) operated at the eastern portion of the parcel in the 1960s (Refs. 1, 6). By 1966, new bulk oil storage with several oil and “chemical” tanks and an oil pump house present east of A & L buildings; chemical warehouse reported west of buildings by 1969 (Ref. 1).
  - Operated as a metal scrap yard from 1977 to 2004 (Refs. 2, 4, 6, 11, 14) and included the following notable features and associated uses:
    - Outdoor scrap metal storage (Refs. 2, 6, 11).
    - Three “turning slabs” where drainage from the shearing process was collected and pumped to the evaporator building for processing (Refs. 6, 11).

- Evaporator building processing consisted of an oil/water separator. Oil was stored in barrels and either burned in a furnace at the 205 Girard Ave. N parcel or managed by Safety Kleen; water was left to evaporate (Ref. 11).
- Automobiles draining and recycling until approximately 1993 (Ref. 11).
- Storage of waste batteries and PCB-containing materials (Ref. 11).
- Open burning of copper wire (Ref. 11).
- Onsite disposal of aluminum smelter ash reported in 1997 (Ref. 11).
- Apparent stained land surface (Ref. 2).
- 1221 Second Ave. N: Historical addresses associated with this parcel include 106, 210, 214, and 220 Girard Ave. N, and 1227 Second Ave. N (Refs. 1, 4, 6).
  - Residential until 1920s (Refs. 1, 2, 4).
  - Bulk petroleum storage (Lion Oil Company, Pennsylvania Oil Company) from 1930s to 1970s (Refs. 1, 2, 6):
    - Numerous ASTs, some labeled as 20,000 gallons in size and containing lubricating oil or gasoline.
    - Oil warehouses and pump house reported.
    - A fuel oil UST is reported as being present in 1959 (Ref. 6).
    - City directories in the 1940s and 1960s list Pennsylvania Oil Company at addresses 210 through 220; only 210, 214, and 220 are shown as addresses at this parcel in the Sanborn maps (Refs. 1, 4).
  - Building materials supplier in 1970s and 1980s (Ref. 4).
  - Used by Scrap Metal Processors as a metal storage warehouse from the 1990s to the 2000s (Ref. 6).
- 205 Girard Ave. N: Historical addresses associated with this parcel include 1300 First Ave. N; 99, 101, 150, 209, 215, and 219 Girard Ave. N; and 100, 202, and 204 Humboldt Ave. N (Refs. 1, 8).
  - Partially residential (north end) and developed for use as a soap factory by 1912; factory building replaced by 1945 (Refs. 1, 2, 4).
  - Pennsylvania Oil Company is listed at 215 and 219 Humboldt Ave. N in city directories from the 1940s and 1950s along with residential listings (Ref. 4). It is likely that the Pennsylvania Oil Company listings are associated with the 1221 Second Ave. N parcel located across Girard Avenue as Sanborn map and aerial photographs show residential use only during this time period (Refs. 1, 2).
  - Construction/building material storage by at least 1950 through 1980s; residential portion replaced with exterior storage by 1983 (Refs. 1, 4).
  - Scrap Metal Processors (1990s to 2000s) used the building for scrap metal processing, storage, and office space and used the parcel exterior for scrap metal and compressed air tank storage (Refs. 6, 11).
  - The building was demolished between 2006 and 2008. (Ref. 1).
- 210 and 214 Humboldt Ave. N: Residential until early 1990s and then vacant lots (Refs. 1, 2, 4).

- 232 Humboldt Ave. N: Historical addresses associated with this parcel include 200 Humboldt Ave. N (Ref. 1). Residential until early 1990s and then a vacant lot (Refs. 1, 2, 4).

## Regulatory Status

2009 Regulatory listings below are under 150 Girard Ave. address unless otherwise noted.

Database	Summary (Ref. 3)
RCRA NonGen	<ul style="list-style-type: none"> <li>• Reported as a historical generator with no violations found at both 150 Girard Ave. N (Scrap Metal Processors) and at 1221 Second Ave. N (Minneapolis City of CPED).</li> </ul>
Spills	<ul style="list-style-type: none"> <li>• Approximately 50 gallons of “drain oil” reported spilled in 1993, and a fire in 1996 reported as a spill to air from burning electric motors and insulation. Both spills received closure in 1996.<sup>1</sup></li> <li>• Three spills of unspecified petroleum or light fuel and diesel fuel, 100-200 gallons each (one from a punctured tank), were reported at the address from 1994 to 2001. All spills received closure within two days of the spill report date.</li> <li>• A fourth spill appears to refer to sludge removed from the inside of a tank (dirt, diesel fuel, and water) that was then thin spread at the RP’s yard on 85th Ave. N. Spill received closure two days after the spill report date.<sup>3</sup></li> </ul>
MN LS	<ul style="list-style-type: none"> <li>• Reported as a brownfield site with MPCA # REM01400.<sup>1</sup></li> </ul>
US Brownfields	<ul style="list-style-type: none"> <li>• Phase I Assessment reported as complete in 2001.<sup>2</sup></li> </ul>
AST	<ul style="list-style-type: none"> <li>• Two 250-gallon ASTs containing waste oil and fuel oil reported as active and installed in 1994 and 1992. Both are reported as in compliance.</li> </ul>
SRS	<ul style="list-style-type: none"> <li>• Reported under ID #PVP150 as a “motor veh. salvage” facility.</li> <li>• Scrap yard is reported as the source of numerous complaints about pools of oil and auto fluids on the ground.</li> <li>• The city (CPED) purchased five [Scrap Metal Processors] parcels on 12/12/03 to allow for construction of Van White Memorial Boulevard. The site is reported as part of the Van White Memorial Boulevard Site (VP 19870).</li> <li>• On 4/28/04 it was reported that Scrap Metal Processors was currently leasing the Chemart Site (SR1009).</li> <li>• A brownfields/remedial investigation was reportedly completed in 2003.</li> <li>• The following soil contaminants were reported: DRO; Benzo[a]pyrene; PCBs; Lead; Chromium (total) (Chromium VI); Mercury.</li> <li>• SRS listing reports that “some cleanup will likely be completed by CPED or developer.”</li> <li>• MPCA wells reported onsite.</li> </ul>

Database	Summary (Ref. 3)
LAST <sup>4</sup>	<ul style="list-style-type: none"> <li>• Reported as an inactive leak site with leak #16296.</li> <li>• Closure date not reported.</li> <li>• Comments indicated site is part of the Van White Memorial Boulevard Site.</li> <li>• Reported as a leak from UST.</li> </ul>

<sup>1</sup>Reported at Scrap Metal Processors at 214 Humboldt Ave.

<sup>2</sup>Reported at Scrap Metal Processors at 210 and 214 Humboldt Ave.

<sup>3</sup>This spill was reported at Scrap Metal Processors at 150 Gerhard Ave. N, which appears to be a misprint.

<sup>4</sup>LAST listing was from the orphan site summary in the regulatory report.

## Releases, Investigations, and Identified Contaminants

### 1999 Soil Investigation (Ref. 11)

- Several soil samples collected during site inspection. Investigation results not included in MPCA file but referenced in the text of a later report. Locations not reported in the files reviewed.
- Concentrations detected: DRO at 1,200 mg/kg; PCBs at 90.5 mg/kg; lead at 660 mg/kg; mercury at 2.4 mg/kg.

### 1999 Soil Investigation (Ref. 18)

- Boring ST-6 installed on site as part of an areawide investigation. Soils were field screened for evidence of contamination; no elevated headspace readings reported. No environmental samples collected.
- Glass and cinders were observed in soil from 5.1 to 5.5 meters bgs.

### 2001 Soil and Groundwater Investigation (adjacent to site) (Ref. 7)

- Two borings, ST-01-04 and ST-01-18, were installed in city right-of-way for adjacent Second Ave. N and Humboldt Ave. N.
- Highest headspace was 16 ppm observed at 30 feet bgs in ST-01-04.
- Groundwater sample from boring ST-01-04 was analyzed for VOCs, DRO, and GRO. Several VOCs, including chlorinated VOCs, exceeded the HRL; GRO detected at 1,500 µg/L.
- A map from this investigation notes two borings (ST-6 and ST-7) for the Hennepin County Regional Railroad Authority as being located on or adjacent to the site. No other details on these borings were in the investigation report.

### 2003 Soil and Groundwater Investigation (Ref. 8)

Twenty soil borings (SB-21 to SB-40) and five monitoring wells (MW-1 to MW-5) installed over several parcels associated with the site and off site, including borings on the Petroleum Service Co./Feist-Blanchard and Transportation Center sites (see individual site summaries for details on the associated borings). All wells and 16 of the borings were installed on parcels associated with the Scrap Metal Processors site. Investigation borings specific to the Scrap Metal Processors parcels discussed below.

- Investigation locations and analysis conducted for each parcel (groundwater samples collected from selected borings in addition to the monitoring wells):
  - 1129 Second Ave. N (main parcel): SB-21 through SB-31, MW-4, MW-5; soil and/or groundwater samples analyzed for VOCs, GRO, DRO, SVOCs, priority metals, PCBs, and/or cyanide.
  - 1221 Second Ave. N: SB-34, SB-35, SB-36, and MW-3; soil and/or groundwater samples analyzed for VOCs, GRO, DRO, SVOCs, priority metals, and/or cyanide.
  - 205 Girard Ave. N, 210 Humboldt Ave. N, and 214 Humboldt Ave. N: SB-37, SB-38, and MW-2; soil and/or groundwater samples analyzed for VOCs, GRO, DRO, SVOCs, priority metals, and/or cyanide.
  - 232 Humboldt Ave. N: MW-1; soil and groundwater samples analyzed for VOCs, GRO, DRO, SVOCs, PCBs, priority metals, and cyanide.
- Fill containing concrete, bituminous, ash, cinders, slag, and glass were observed at thicknesses ranging from 2 to 16 feet throughout the study area.
- Groundwater:
  - Only one groundwater sampling event is reported for the wells.
  - Antimony concentrations above the HRL present in groundwater from the majority of the borings and wells.
  - Only other groundwater contaminant concentrations above HRLs for site were detected at the main parcel: nickel (SB-30), thallium (SB-30 and SB-23), and benzene (SB-28).
  - Free phase petroleum product observed in one soil boring (SB-25) near center of the main parcel.
  - Highest BTEX concentrations for the site detected at opposite ends of the main parcel in borings SB-22 and SB-28.
  - DRO was detected in groundwater from all borings and monitoring wells.
  - PCBs not detected (PCBs analyzed only at the main parcel).
  - Groundwater contaminant detections below HRLs for each parcel summarized below:
    - 1129 Second Ave. N (main parcel): Various VOCs and SVOCs, GRO, cyanide, arsenic, cadmium, chromium, copper, lead, selenium, zinc, and mercury detected below HRLs.
    - 1221 Second Ave. N: No SVOCs, GRO, or cyanide detected. Naphthalene, acetone, lead, nickel, and zinc detected below HRLs.
    - 205 Girard Ave. N, 210 Humboldt Ave. N, and 214 Humboldt Ave. N: No VOCs, SVOCs, GRO, or cyanide detected. Arsenic, chromium, copper, lead, nickel, and zinc detected below HRLs.
    - 232 Humboldt Ave. N: No VOCs, SVOCs, GRO, or cyanide detected. Copper and nickel detected below HRLs.
- Soil:
  - Apart from well MW-2 at 214 Humboldt Ave. N, metals concentrations above the Tier 1 SRVs and/or SLVs were observed in at least one boring or well on all parcels, primarily in fill soils.

- VOC, SVOC, cyanide, and PCB concentrations above the Tier 1 SRVs and/or SLVs were limited to soil samples collected at the main parcel (1129 Second Ave. N), except for SVOCs in one boring at 1221 Second Ave. N.

#### **2004 Soil and Groundwater Investigation (Ref. 9)**

- Two borings (03-15M and 03-16M) installed at 1129 Second Ave. N. Soil and groundwater samples analyzed for VOCs, GRO, DRO, SVOCs, PCBs, and metals.
- Groundwater: Report text (no table) indicated groundwater concentrations did not exceed HRLs in either boring. It was noted that heavy chain hydrocarbons outside of the DRO range were observed in groundwater samples from both borings.
- Soil: Concentrations of arsenic and PAHs exceeded Tier 1 SRVs in boring 03-15M, and concentrations of arsenic, VOCs, and PAHs exceeded Tier 1 SRVs in boring 03-16M. Elevated concentration of DRO (98 mg/kg) detected in boring 03-16M.

#### **2005 Soil Investigation (Ref. 10)**

- A report detailing investigation results was not found in the MPCA file; results below are taken from the text of a report where the investigation was referenced. Boring locations were provided, but no boring logs or analytical information were included.
- Six soil borings (ST-8 through ST-12 and ST-14) advanced at eastern portion of 1129 Second Ave. N. Soil samples collected and analyzed for VOCs, PAHs, priority metals, DRO, GRO, and PCBs. Limited TCLP analysis conducted.
- Petroleum-like sheen noted at the water table in borings ST-8 and ST-11.
- Concentrations exceeded Tier 1 SRVs and/or Tier 1 SLVs for the following: VOCs, PAHs, PCBs, mercury, and lead. DRO and GRO were also detected at elevated levels. TCLP results indicated soil not characteristically hazardous. Specific location information for results was not included in text of the report.

#### **2014 Investigation (Ref. 21)**

- Seven soil borings installed; ST-3-14 through ST-6-14 at 205 Girard Ave. N and ST-8-14 through ST-10-14 at 1221 Second Ave. N. Soil samples collected from 2-4 feet bgs and analyzed for VOCs, PAHs, RCRA metals, DRO and GRO; two samples analyzed for TCLP lead.
  - Soil concentrations above Industrial SRVs and/or Tier 1 SLVs for benzo(a)pyrene equivalents, arsenic, lead and mercury. TCLP lead results below regulatory level for hazardous waste.
- Five soil vapor samples collected on former Scrap Metal Processors parcels; VP-1 through VP-3, VP-6 and VP-7.
  - Soil vapor concentrations above 10x's ISVs for 1,3-butadiene at VP-3, at 1129 Second Ave. N; all other results below ISVs.

#### **Investigations Associated with Nearby Sites (Refs. 16, 17)**

Six soil borings installed west-adjacent to the site during two different investigations at the nearby Former Freight House and Chemical Marketing sites (Refs. 16, 17). Groundwater results pertinent to Scrap Metal Processors are summarized below; for more details and soil information see other site summaries.

- Borings GP-7, GP-8, GP-9, and GP-10 installed during 2000 investigation of the Freight House site; soil and groundwater samples analyzed for VOCs, DRO, and GRO. Boring logs were not available (Ref. 16).
- Borings B2 and B3 installed during 1998 investigation of the Chemical Marketing site; groundwater samples analyzed for VOCs (Ref. 17).
- Groundwater Results: Benzene and several chlorinated VOCs were above HRLs. Other VOCs also detected but at concentrations below HRLs (Refs. 16, 17). DRO and GRO were also detected (Ref. 16).

## Remedial Actions

- 1129 Second Ave. N is underlain by a layer of fly ash installed during Scrap Metal Processors operations at approximately 1 foot bgs to prevent vertical migration of fluids (Ref. 8).
- Numerous ASTs were removed from 1129 Second Ave. N and 1221 Second Ave. N (Ref. 2). Two previously unknown USTs were removed from 1129 Second Ave. N on July 25, 2005 – details on UST removal were not included in the MPCA file (Ref. 10). Not all of ASTs and UST are reported in the regulatory database report (Ref. 3).
- Contaminated soils were excavated from the eastern portion of 1129 Second Ave. N in 2008 in accordance with an MPCA VIC approved RAP (the RAP was not available in the MPCA files reviewed). The excavation was limited to an area of the parcel that had the following historical features: evaporator house, turning slabs, a sump, and ASTs. The 2008 remedial action excavation is summarized below. (Ref. 10)
  - Approximately 4,900 tons of contaminated soil removed to the water table (7 to 8 feet bgs). Soils disposed off site and excavations backfilled with imported “clean fill” (fill source not sampled or identified).
  - Sidewall confirmation samples collected from the eastern and southern excavation limits only and analyzed for PAHs, DRO, GRO, PCBs, VOCs, and priority pollutant metals.
  - Confirmation sampling results indicated contamination remained in place after the excavation. Concentrations greater than Industrial SRVs and/or Tier 1 SLVs for PAHs, PCBs, DRO, GRO, and several metals observed in sidewall samples.
  - Reinforced concrete slab (potentially a former building slab) left in place at base of excavation; slab of former evaporator house removed and disposed off site.
  - No remedial actions have been performed at the other site parcels.
- About 8,000 tons of soil from the upper 4 to 8 feet at 1129 Second Ave. N. were removed in 2012 and disposed at a landfill for geotechnical soil correction during construction of Van White Memorial Boulevard. Soils were generally silty sand and contained ash, slag, glass, brick, concrete, and metal pieces, with PID with readings ranging from 0.0 ppm to 116. No confirmation samples collected (Ref. 20).

## Groundwater Data Gaps

Site information was evaluated to determine if data gaps related to groundwater exist. Data gaps concerning other media (i.e., soil, soil gas, etc.) were reported where incidentally encountered during the information review and/or determined to be relevant to the groundwater discussion, but this summary is not intended to address media other than groundwater. The following pertinent groundwater data gaps

were reported or readily apparent in the information reviewed, but may not represent the complete list of data gaps for the site:

- The source(s) and complete extent of contamination in the groundwater was not documented in the materials reviewed – detected parameters are listed below by area:
  - 1129 Second Ave. N: metals, SVOCs, VOCs, DRO, GRO, and cyanide.
  - 1221 Second Ave. N: VOCs, metals, and DRO.
  - 205 Girard Ave. N, 210 Humboldt Ave. N, and 214 Humboldt Ave. N: metals and DRO.
  - 232 Humboldt Ave. N: metals and DRO.
- The relationship between the soil and groundwater contamination identified onsite and potential offsite source(s), if any, was not characterized in the materials reviewed.
- Potential environmental impacts from sites outside the study area have not been evaluated.

## References

Reference #	Source
1	Environmental Data Resources, 2009. Certified Sanborn Map Report, Bassett Creek Study Area. August 7, 2009. Maps provided for years: 1885 (no coverage), 1890 (no coverage), 1912, 1923, 1950, 1952, 1963, 1966, and 1969.
2	Historical Information Gatherers, Inc. Aerial Photographs, Bassett Creek Study Area. August 10, 2009 and August 20, 2009. Aerial photographs provided for years 1938, 1945, 1951, 1956, 1967, 1978, 1983, 1988, 1993, and 2006.
3	Environmental Data Resources, 2009. The EDR Radius Map Report. Inquiry Number 2559422.1s. Bassett Creek Study Area. August 7, 2009.
4	Environmental Data Resources, 2009. City Directory Abstract, Bassett Creek Study Area. August 14, 2009.
5	Barr Engineering Co., 2009. Limited Site Visit for Hennepin County Area Wide Groundwater Study performed by Barr Engineering Co. October 20, 2009.
6	Delta Environmental Consultants, Inc., 2001. Environmental Assessment - Phase I, Bassett Creek Valley Redevelopment. December 7, 2001.
7	Braun Intertec Corporation, 2001. Environmental Assessment Report, Bassett Creek Valley Area, Minneapolis, MN. April 6, 2001.
8	Delta Environmental Consultants, Inc., 2003. Phase II Environmental Assessment, Bassett Creek Valley Redevelopment, Scrap Metal Processors Properties, Minneapolis, MN. August 21, 2003.
9	U.S. Army Corps of Engineers, 2004. Phase II Environmental Site Assessment, Bassett Creek Valley Brownfields Redevelopment, Proposed Van White Memorial Boulevard, Minneapolis, MN. March 2004.
10	Braun Intertec Corporation, 2008. Source Removal Response Action Plan Implementation Report, Former Scrap Metal Processors, 1129 Second Avenue North, Minneapolis, MN. December 23, 2008.
11	Braun Intertec Corporation, 2005. Response Action Plan and Construction Contingency Plan, Proposed Van White Memorial Boulevard, Minneapolis, MN. April 1, 2005.

Reference #	Source
12	Affidavit of Mr. Darrell Washington, signed February 10, 2005.
13	Letter “Van White Memorial Boulevard Site, MPCA Project Number VP 19870, Retroactive No Association Determination for Past Actions, No Association Determination for Proposed Actions” from Barbara Jackson of the MPCA to Darrell Washington of City of Minneapolis CPED on February 28, 2005.
14	Hennepin County Property Information Search, 2010. <a href="http://www16.co.hennepin.mn.us/pins/addrsrch.jsp">http://www16.co.hennepin.mn.us/pins/addrsrch.jsp</a> .
15	Braun Intertec Corporation, 1998. Phase I Environmental Site Assessment, Proposed Bryn Mawr Redevelopment – Area I, Northwest of the Interstate 94 & 394 Interchange, Minneapolis, Minnesota. Prepared for Minneapolis Community Development Agency. August 17, 1998.
16	ARCADIS, 2005. Project Status Report, Former Freighthouse Site, Canadian Pacific Railway, Minneapolis, Minnesota. November 11, 2005.
17	Frontline Environmental, LLC, 2002. Soil and Groundwater Investigation Report, Chemical Marketing Corporation Property, 180 Humboldt Avenue North, Minneapolis, Minnesota. April 2002.
18	Braun Intertec Corporation, 1999. A Preliminary Geotechnical Evaluation and Limited Phase II Environmental Site Assessment for Hennepin County Regional Railroad Authority, Proposed Roadway and Bridge, Sumner-Olson Redevelopment Area, Dunwoody Boulevard to Girard Avenue North, Minneapolis, Minnesota. March 26, 1999.
19	Barr Engineering Co., 2010. Scrap Metal Processors Site Layout Map. July 2010.
20	Braun Intertec Corporation, 2013. Response Action Plan Implementation Report. Van White Memorial Boulevard, Between 2 <sup>nd</sup> Avenue South and Dunwoody Boulevard, Minneapolis, Minnesota. VP19870, PBP3549. November 7, 2013.
21	Braun Intertec Corporation, 2014. Summary of Environmental and Geotechnical Conditions. CPED-Owned Properties, Bassett Creek Valley, Van White Memorial Boulevard and 2 <sup>nd</sup> Avenue North, Minneapolis, Minnesota. July 4, 2014.

### For more information...

For questions about the above information, contact Hennepin County Environment and Energy Department at 612-348-3777 or visit the Hennepin County website at [www.hennepin.us](http://www.hennepin.us).

The Bassett Creek Areawide Groundwater Study Environmental Data Assessment Tool (EDAT) can be found at <http://www.hennepin.us/business/property/edat>.

Efforts to produce and publish accurate information have been made. However, much of the data is contributed and maintained by other jurisdictions or other sources. Hennepin County and its contractors make no representation or warranties, either expressed or implied, for the merchantability or fitness of the data for a particular purpose. Information in this document and on the EDAT is subject to the limitations and conditions of use described under the “Terms of Use” link on the EDAT. Use of this document represents acceptance of those terms.

*Summary document and website prepared by Barr Engineering Co.,  
a Hennepin County contractor.*

