

Monitoring Report

Guidance Document 4-08

circumstances MPCA staff may request submittal of this form on an alternate schedule (e.g., following the submittal of Guidance Document 4-06 Investigation Report Form. Under certain quarterly, semi-annually). This form must be completed annually for Minnesota Pollution Control Agency (MPCA) review

and used to support the site management decision. Include any additional information that is other MPCA guidance documents for details on investigation methods. Do not revise or delete any important for making the site management decision. Refer to MPCA Guidance Document 1-01 that have been updated during this reporting period. All data provided must be cumulative text from this report form. Attach all applicable figures, tables, and appendices, and indicate those Petroleum Remediation Program General Policy for the overall site investigation objectives and to All site monitoring results and additional work activities requested by the MPCA must be included

MPCA Site ID: Leak00017358 Date: August 24, 2009

Responsible Party Information

Name: City of Minneapolis - Cam Haugland Phone #: 612-673-5425

Street/Box: 1200 Currie Avenue North

City, Zip: Minneapolis, MN 55403

Alternate Contact (if any) for Responsible Party:

Phone #:

Leak Site Information

Leak Site Name: Minneapolis Fleet Services

Phone #: 612-673-5425

Leak Site Address: 1911 26th Street

City: Minneapolis Zip Code: 55401 County: Hennepin

Environmental Professional Information

volunteer may be found to be in violation of Minn. Stat. § 115.075 (2007) or Minn. R. 7000.0300 representation, or certification, or if it omits material information, the responsible person or this leak site that if this document is determined to contain a false material statement, reimbursement. In addition, I/we acknowledge on behalf of the responsible person or volunteer for remediation and may harm the environment and may result in a reduction in Petrofund information in this document is inaccurate or incomplete, it will delay the completion of as agents of the responsible person or volunteer for this leak site. I/we acknowledge that if (Duty of Candor), and that the responsible person or volunteer may be liable for civil penalties. By signing this document, I/we acknowledge that we are submitting this document on behalf of and

MPCA staff are instructed to reject unsigned reports and reports that have been altered.

Name and Title of) }
Report Author(s)	Signature	Date Signed
Erik A. Brenegan	By Bush	8/24/04
Name and Title of		
Report Reviewer(s)	Signature	Date Signed
Name(s) of Field Technician(s):		
Company and mailing address:		
Thatcher Engineering, Inc. Dennis P. McComas, PG 3055 Old Highway 8, Suite 103 Minneapolis, MN 55418 612-781-2188		

Section 1: Work Completed

Describe all site work completed since the Investigation Report Form or the last Monitoring *Report* was submitted. This should include both field and non-field related activities

information on property use in the vicinity of the site documents the results of the soil borings, laboratory chemical analysis and additional a tank and pump island location with collection of soil and groundwater samples. February 23, 2009. The additional work included two additional soil borings to be located in a tank and pump island location with collection of soil and groundwater samples. This report the scope of the additional work requested in correspondence from the MPCA dated dated January 13, 2009. The last report submitted for MPCA review was the General Excavation Report Worksheet Two additional soil borings were completed on March 27, 2009 per

1.2 completed, explain why If additional work requested in the most recent MPCA correspondence has not been

Section 2: Observation and Analytical Results

2.1 Soil and Ground Water Results

(BTEX), MTBE, or GRO were detected in the soil samples obtained from GP-2 (27-29) and GP-3 (25-27). No BTEX or DRO was detected in GP-1. pump islands. No Diesel Range Organics (DRO), Benzene, Toluene Ethylbenzene, Xylenes a former 15,000-gallon gasoline UST. GP-3 was advanced in the location of the former Two additional soil borings were completed at the site. GP-2 was advanced in the location of

detected in GP-3 at a concentration of 310 ug/L. No petroleum constituents were detected in obtained from GP-1 at a concentration of 750 micrograms per liter (ug/L). As discussed in the previous Excavation Report, DRO was detected in a groundwater sample DRO was

Chloroform was detected at 23.3 ug/L in GP-3 which is below the HRL of 30 ug/L. detected in groundwater samples at concentrations above the method detection limits Trichloroethene was detected at 1.4 ug/L in GP-2 which is below the HRL of 5 ug/L The non-petroleum compounds trichloroethene (GP2) and chloroform (in GP-3) were

2.2 Field-Detectable Vapors (photoionization detector, explosimeter, etc.)

used. Interpret the cumulative results as related to the identified receptors. each vapor monitoring location and an explanation of monitoring methods and instruments Discuss the results of any additional follow-up field vapor monitoring. Include a description of

excavation. elevated vapor readings were encountered in GP-2 and GP-3 to the completed depths of 35 feet. Please refer to the Excavation Report for vapor readings observed during tank in GP-1 at depths of 6-8 feet (16.4 ppm) in the location of the former 15,000-gallon UST. No As discussed in the previous Excavation Report, elevated vapor readings were encountered

and contact the local fire department immediately. Then contact the Minnesota Duty Officer NOTE: If vapor concentrations exceed 10 percent of the lower explosive limit, exit the building Minnesota). TTY users call 651-297-5353 (V/TTY) or 1-800-627-3529 (V/TTY). (24 hours) at 651-649-5451 (metro and outside Minnesota) or 1-800-422-0798 (Greater

2.3 Vapor Intrusion (soil gas, sub-slab, indoor, ambient)

description of each VIA sampling location and an interpretation of the results with respect to receptors. Discuss the results of any follow-up vapor intrusion assessment (VIA) activities including a

2.4 Free Product

the investigation. Complete Table 14 and discuss the data compiled to date. it. Describe the effectiveness of the recovery efforts and free product trends over the course of If free product is present, discuss what activities are being completed to measure and recover

2.5 Other (e.g., surface water, contaminated surface soil, etc.)

in Section 6. this reporting period. Identify all monitoring locations on an attached site map by labeling each location. A description of sampling methods, including the instruments used, must be included Discuss the results of any additional monitoring or subsurface investigation conducted during

2.6 Site Conceptual Model

management decision based upon the information presented in this report. Discuss any changes to the overall site conceptual model that has altered the current site

Section 3: Site Management Decision

Document 1-01 Petroleum Remediation Program General Policy The site management decision should be based on the Program's objectives described in Guidance

					3.1
					3.1 Recommendation for site:
corrective action	additional soil gas/vapor intrusion investigation	additional soil or ground water investigation	additional field-detectable vapor monitoring	additional ground water monitoring	⊠ site closure

adequately addressed. site-specific exposure pathways identified in the site conceptual model (SCM) have been If closure is recommended, summarize significant investigative events and describe how the

east. With the exception of the existing service garages located to the southwest of the site on Figure 2) was completed in the location of the former USTs. In addition to the soil borings, information regarding the uses of surrounding properties was requested. Please refer to Figure 3 for a depiction of property use. The properties north of 26th Street East and west of the alley that borders the site property to the west are residential properties. An addition to the building adjacent to the USTs (1911 26th Street East, depicted replacement with a City of Minneapolis service garage. property, the adjacent asphalt plant and associated buildings are being demolished for 1911 26th Street East are being renovated to offices along with one building located to the The buildings adjacent to

not appear to be present in the locations of the former dispensers or former 15,000-gallon gasoline UST. Based on the results of the additional soil borings, a full Limited Site the former 15,000-gallon diesel UST. Significant soil and groundwater contamination does groundwater, the remaining contamination appears to be highest in the immediate vicinity of be granted regulatory closure Based on the results of the additional soil borings and analytical results of soil and Investigation does not appear to be warranted at this time. We recommend that the leak site Based on the results of the additional soil borings, a full Limited Site

- 33 accordance with the previously-approved schedule until the MPCA responds to this report monitoring wells, soil borings). Continue ground water monitoring and sampling in proposed activities (e.g., monitoring locations, sampling frequency, target analytes, additional If additional monitoring or subsurface investigation is recommended, provide details of all
- 3.4 If additional vapor intrusion investigation is recommended, provide details of proposed sampling, or locations for additional soil gas sampling activities such as completing an indoor building survey, sub-slab vapor sampling, indoor air
- 3.5 the corrective action design process and other requirements. (Note: If a Conceptual Corrective If corrective action is recommended, provide a conceptual approach by completing Guidance normal priority to determine if corrective action is required.) Action Design Worksheet is submitted, MPCA staff will review this report at a higher-than-Guidance Document 4-10 Elements of the Corrective Action Design for more information on Document 4-19 Conceptual Corrective Action Design Worksheet and include in Section 6. See

Section 4: Figures

and legend. Approximate scales are not acceptable. Attach the following figures in the order listed below. All figures must include a north arrow, scale,

- \boxtimes Site Location Map using a U.S. Geological Survey 7.5 minute quadrangle map.
- One or more Site Maps showing:
- Structures
- Locations and depths of on-site buried utilities

- All past and present petroleum storage tanks, piping, dispensers, and transfer areas
- Extent of soil excavation
- Boring and well locations (including any drinking water wells on site)
- Horizontal extent of soil contamination
- Extent of contaminated surface soil
- Horizontal extent of ground water contamination
- Horizontal extent of NAPL
- Location of end points for all geologic cross sections
- Potential pathways that lead to surface water features within 1/4 mile of the site

Distinguish sequential elements of investigations by dates, symbols, etc. in the key

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	Updated ground water gradient contour maps using water level elevations from each monitoring event since the last report. Show all wells at the site, and differentiate wells constructed in different aquifers. Label ground water contours and elevations at each data
	Hydrograph for all monitoring and recovery wells.
	Graph(s) showing contaminant concentrations over time for all monitoring and recovery wells.
	Potential Receptor Map (scale 1 inch = 50 to 100 feet), centered on the release area, showing property boundaries and roads, and potential receptors such as buildings, water wells, underground utilities (distinguish between water, storm sewer, and sanitary sewer), surface
	waters, ditches, and any other pertinent items within 500 feet of the release source.
	Vapor Survey Map showing utilities and buildings with basements and monitoring locations within 500 feet (if a survey was required). If the survey area has been expanded beyond 500 feet, adjust the map to encompass the entire surveyed area.
Ш	Vapor Intrusion Assessment Map showing all vapor intrusion samples and receptors at and within the 100-foot preliminary assessment area. If the assessment area has been expanded herond 100 feet adjust the man to encompass the entire assessment area.
	beyond 100 feet, adjust the map to encompass the entire assessment area.

Section 5: Tables

during this reporting period by marking the check box below. Tables must include all cumulative Attach all tables from the Investigation Report Form and indicate those that have been updated

paarea	Lable Number and Name
	Table 1. Tank Information
\boxtimes	Table 2. Results of Soil Headspace Screening
	Table 3. Analytical Results of Soil Samples
	Table 4. Other Contaminants Detected in Soils (Petroleum or Non-petroleum Deriver
	Table 5. Contaminated Surface Soil Results
\boxtimes	Table 6. Water Level Measurements and Depths of Water Samples Collected from
\boxtimes	Table 7. Analytical Results of Water Samples Collected from Borings
\boxtimes	Table 8. Other Contaminants Detected in Water Samples Collected from Borings (Petroleum or Non-petroleum Derived)
	Table 9. Monitoring Well Completion Information
	Table 10. Water Level Measurements in Wells
	Table 11. Analytical Results of Water Samples Collected from Wells
	Table 12. Other Contaminants Detected in Water Samples Collected from Wells (Petroleum or Non-petroleum Derived)
	Table 13. Natural Attenuation Parameters
	Table 14. Free Product Recovery
	Table 15. Properties Located within 500 feet of the Release Source
	Table 16. Water Supply Wells Located within 500 feet of the Release Source and Municipal or Industrial Wells within ½ mile
	Table 17. Surface Water Receptor Information
	Table 18. Utility Receptor Information
	Table 19. Vapor Survey Results
	Table 20. Results of Soil Gas Sampling for Vapor Intrusion Screening

Table 1
Tank Information

10.1.4	_	TIOT		Contonto	Vanu	Tonk	Condition of Tonk
2	Material	or	(gallons)	(product type)	installed	Status*	
		AST					
001	F	UST	15,000	Gasoline	~1994	Removed	Good
						(7/9/08)	
002	F	TSU	15,000	Diesel	~1994	Removed	Good
						(7/9/08)	

^{1 &}quot;F" for fiberglass or "S" for Steel

Add additional rows as needed.

Notes:

Table 2
Results of Soil Headspace Screening

Depth				70	Soil Boring ID	ID		
	GP-1 G	P-2	GP-3					
	H	0.0	0.0					
-	_	0.0	0.0					
	_	0.0	0.0					
-	-	0.0	0.0					
-	-	0.0	0.0					
	_	0.0	0.0					
21-23 0.0		0.0	0.0					
_		0.0	0.0					
-	_	0.0	0.0					
		0.0	0.0					
32-35 0.0	H	L.	0.0					
1				ч				

the entire table if more columns are needed. List instruments used and discuss field methods and procedures in Section 6. Add additional rows as needed, and copy

Notes:

Table 3
Analytical Results of Soil Samples¹

_	_	_	_		_
	GP-3	GP-2	GP-1	Boring ID	
	25-27	27-29	24-26	Depth (ft)	Sampled
	3/27/09	3/27/09	12/1/08	Date Sampled	
	<0.057	< 0.056	<0.057	Benzene	
	< 0.057	< 0.056	< 0.057	Toluene	
	<0.057	<0.056	<0.057	Ethyl- benzene	
	<0.17	<0.17	<0.17	Xylenes	
	<0.23	< 0.22		MTBE	
	<5.7	<5.6	ž	GRO	
	<5.8	1:	<7.1	DRO	
	Fixed	Fixed		Lab Type²	

¹ Report results in mg/kg. Use less than symbols to show detection limit.
² Indicate "mobile" or "fixed" in the lab type column.

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² Indicate: removed (date), abandoned in place (date), or currently in use.

[&]quot;Indicate "mobile" or "fixed" in the lab type column Add additional rows as needed.

Other Contaminants Detected in Soils (Petroleum or Non-petroleum Derived)¹ Table 4

					Boring ID
					Boring Depth Date ID (ft) Sampled
					Date Sampled
					Lab Type ²

Report results in mg/kg. Use less than symbols to show detection limit.

additional rows as needed, and copy the entire table if more columns are needed. Indicate other contaminants (either petroleum or non-petroleum derived) detected in soil collected from borings. Add

Notes: Not Analyzed

Table 5
Contaminated Surface Soil Results

		Sample ID
		Headspace 10 ppm or Greater ¹ (Y/N)
		Petroleum Saturated (Y/N)

As measured with a photoionization detector (PID).

Add additional rows as needed.

Notes: NA

Water Level Measurements and Depths of Water Samples Collected from Borings Table 6

				Soil Boring	ring		
	GP-1	GP-2	GP-3		1000		
Static Water							
Level Depth ¹ (ft)	24.82	28.2	25.9				
Sampled							
Depth (ft)	24.82	28.2	25.9				
Sampling	Check	Check	Check				
Method ²	Ball	Ball	Ball				

Describe the methods used to measure water levels in borings in Section 6.

² Indicate "mobile" or "fixed" in the lab type column.

² Refer to Guidance Document 4-05 for acceptable ground water sampling methods.

Analytical Results of Water Samples Collected from Borings 1 Table 7

HRL ³	Lab Blank	Equip. Blank	Trip Blank		GP-3	GP-2	GP-1	Boring ID		
					3/27/09	3/27/09	12/1/08	Sampled	Date	
					25.9	28.2	24.82	(ft)	Depth	Sampled
3					<1.0	<1.0	<1.0	Benzene		
1,000					<1.0	<1.0	<0.050	Toluene		
700					<1.0	<1.0	<1.0	benzene	Ethyl-	
10,000					<3.0	<3.0	<3.0			
-					<1.0	<1.0	ı	MTBE		
NA					<100	<100	ı	GRO		
NA					310		750			
					Fixed	Fixed	Fixed	Type ²	Lab	

Report results in μg/L. Use less than symbols to show detection limit. Indicate "mobile" or "fixed" in the lab type column.

Collected from Borings (Petroleum or Non-petroleum Derived)¹ Other Contaminants Detected in Water Samples Table 8

	HRL³	Lab Blank	Equip. Blank	-	GP-3 3/27/09				Date
TT 1				9 -					Sampled Depth
	5			<1.0	<1.0	1.4		Trichloroethene	
	30			<1.0	23.3	<1.0	in:	Chloroform	
				Fixed	Fixed	Fixed	Fixed	Type ²	Lab

Report results in μg/L. Use less than symbols to show detection limit.

Indicate "mobile" or "fixed" in the lab type column.

borings and temporary wells. Add additional rows as needed, and copy the entire table if more columns are needed Notes: NE = No established HRL Indicate other contaminants (either petroleum or non-petroleum derived) detected in water samples collected from soil

Monitoring Well Completion Information Table 9

	Number	Well		
	Number	Unique Well	MDH	
	Installed	Date		
	Elevation	Surface		
	Elevation	Casing	Top of	
	Elevation	Well	Bottom of	
	(Elev Elev.)	Interval	Screen	
5	(ft)	Surface	Depth from	Total Well

³ See http://www.health.state.mn.us/divs/eh/groundwater/hrltable.html for list of current HRLs. Add additional rows as needed.

³ See http://www.health.state.mn.us/divs/eh/groundwater/hrltable.html for list of current HRLs.

_	_	_		

Include well construction diagrams and MDH well logs in Section 6.

Add additional rows as needed.

Notes:

Water Level Measurements in Wells¹ Table 10

				r -	
				Number	Wall
				Sampled	
				from Top of Riser	Donath to Water
				Thickness	
				Grade	Depth to
				Elevation	Relative
				Above Screen (Y/N)	Water Level

Describe the methods used to measure water levels in Section 6.

Add additional rows as needed.

Analytical Results of Water Samples Collected from Wells¹ Table 11

Well Number	Date Sampled	Benzene Toluene	Ethyl- benzene	Xylenes	MTBE	GRO	DRO
Trip Blank							
Equip. Blank							
Lab Blank							

Report results in μg/L. Use less than symbols to show detection limit.

Indicate "mobile" or "fixed" in the lab type column.

³ See http://www.health.state.mn.us/divs/eh/groundwater/hrltable.html for list of current HRLs. Add additional rows as needed.

Collected from Wells (Petroleum or Non-petroleum Derived)¹ Other Contaminants Detected in Water Samples Table 12

Well Date Number Sampled	Date Sampled				Lab Type ²
Trip Blank					
Equip. Blank					
Lab Blank					
HRL ³					

¹ Report results in μg/L. Use less than symbols to show detection limit.
² Indicate "mobile" or "fixed" in the lab type column.

Add additional rows as needed, and copy the entire table if more columns are needed.

Natural Attenuation Parameters Table 13

					Well Number
					Sample Date
					Temp.
					рН
					Dissolved Oxygen (mg/L)
					Nitrate (mg/L)
					(Fe II) (mg/L)
					(H ₂ S, HS')

Notes: Describe the methods and procedures used in Section 6. Add additional rows as needed

³ See http://www.health.state.mn.us/divs/eh/groundwater/hrltable.html for list of current HRLs. Indicate other contaminants (either petroleum or non-petroleum derived) detected in water samples collected from wells.

Table 14 **Free Product Recovery**

		Pı	e-Recover	y Measureme	ents			ent very ³		ılative very ⁴	
Recovery Location ID	Recovery Date	Depth to FP ¹ (ft)	Depth to GW ² (ft)	FP Thickness (ft)	FP Volume (gal)	Recovery Method	FP (gal)	GW (gal)	FP (gal)	GW (gal)	Comments
7											

FP = Free Product

² GW = Ground Water

Wolume recovered during individual recovery event for that location.
 Cumulative volume recovered at each recovery location (i.e., keep a running total for each recovery point).
 Describe the methods and procedures used in Section 6. Add additional rows as needed.

Table 15 Properties Located within 500 feet of the Release Source

		Distance		Water Supply	Well		ic Water upply			Possible	
Prop ID ¹	Property Address	From Site (ft)	Well Present (Y/N)	How Determined ²	Well Use ³	Utilized (Y/N)	Confirmed by City (Y/N)	Base- ment (Y/N)	Sump (Y/N)	Petroleum Sources (Y/N)	Comments (including property use)
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16						1					
17											
18											
19											
20											

Property IDs should correspond to labeled properties in the Potential Receptor Map.

For example, visual observation, personal contact, telephone, returned postcard, assumed (i.e., no postcard returned).

To rexample, domestic, industrial, municipal, livestock, lawn/gardening, irrigation.

Add additional rows as needed.

Release Source and Municipal or Industrial Wells within ½ mile Water Supply Wells Located within 500 feet of the Table 16

						Property ID ¹
						MDH Unique Well Number
						Ground Elevation
						Total Depth (ft)
13.4.4						Base of Casing (ft)
-11-1611						Static Elevation
						Aquifer
<u>.</u>						Use
						Owner
						Distance and Direction from Source (ft)

known or applicable.
Add additional rows as needed.

Notes:

Surface Water Receptor Information Table 17

				Map ID ¹
				Name and Type ²
				Distance and Direction from Plume Edge (ft)
			3	Clean Boring/Well Between? ³ (Y or N)

¹ Map ID should correspond to a surface water feature ID on the Potential Receptor Map.
² Type includes, but is not limited to, lake, retention pond, infiltration pond, ditch, intermittent stream, river, creek, rain

garden, etc.

3 If the surface water feature is upgradient or cross-gradient from the site, indicate so with "NA" for not applicable. Add additional rows as needed.

Table 18 Utility Receptor Information

Utility ID ¹	Description	Construction Material	Depth to Top of Structure	Diameter	Flow Direction (for liquids)	Year Installed	Backfill Material	Distance to Water Table
77	Sanitary sewer main between							Top of structure at water
Ex 1	Main St and 1 st Ave	PVC	7 ft	2 ft	West	1984	Sand	table
Ex 2	Water main between Main St and 1st Ave	Polyethylene	8 ft	4 in	West	1996	Sand	1 ft below water table
							Native	
Ex 3	On-site water service line	Copper	6 ft	2 in	South	1980	soils	1 ft above water table
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

¹ ID should correspond to an identified utility line on the Potential Receptor Map.

Add more rows as needed.

Notes:

Utility ID ¹	Name, title, and telephone number for public entity contacted to obtain information or other source of information
Ex 1, 2	Mary Smith, City Engineer, XXX-XXXX
Ex 3	Site owner

¹ IDs should correspond to the same IDs in the above table.

Add more rows as needed.

Vapor Survey Results Table 19

ID ¹	Description ²	Monitoring Date	(ppm)	Percent of the LEL ³

Location IDs must match labeled locations on the Vapor Survey Map.

Add additional rows as needed.

Results of Soil Gas Sampling for Vapor Intrusion Screening¹ Table 20

Sample ID ² Date Depth (feet) PID (ppm) COMPOUNDS	Result	Report Limit	Result	Report Limit	Result	Report Limit	Resul		Report	
OUNDS	Result		Result	Report Limit	Res				Report Limit Result	Report Report Limit Result Limit

Add additional rows as needed, and copy the entire table if more columns are needed.

² Provide a brief description of the monitoring point (e.g., sump, basement corner, sanitary sewer manhole, storm sewer basin, etc.).

³ LEL = Lower Explosive Limit.

^{&#}x27; Report results in μg/m³.

² Sample IDs should correspond to labeled locations on the Vapor Intrusion Assessment Map.

The Intrusion Screening Values can be found in Guidance Document 4-01a Vapor Intrusion Assessments Performed during Site Investigations.

Section 6: Appendices

must be legible. Reports missing required documentation are subject to rejection. sufficient information to document all activities completed since the last report. All reproduced data Attach all required or applicable appendices in the following order. Indicate those appendices that are included in this report by marking the check box. The appendix section of the report contains

Guidance Document 4-19 Conceptual Corrective Action Design Worksheet.	Appendix G	
Guidance Document 2-05 Release Information Worksheet (if not previously submitted).	Appendix F	
Guidance Document 1-03a Spatial Data Reporting Form (if not previously submitted or new site features need to be reported).	Appendix E	
Field or sampling data sheets (sampling forms, field crew notes, etc.).	Appendix D	
Geologic Logs of Additional Soil Borings and Wells Installed. Include Well Construction Diagrams and Copies of the Minnesota Department of Health Well Record for new wells.	Appendix C	\bowtie
Methodologies and Procedures, Including Field Screening of Soil, Other Field Analyses, Soil Boring, Soil Sampling, Soil Gas/Sub-Slab/Indoor air/Ambient Air Sampling, Well Installation, and Water Sampling.	Appendix B	\boxtimes
Copies of most recent laboratory analytical reports for Soil, Soil Gas/Subslab Vapor/Indoor Air/Ambient Air, and Ground Water samples, including a copy of the Chain of Custody. Include laboratory QA/QC data, Chromatograms, and MDH laboratory certification number.	X Appendix A	\boxtimes

Web pages and phone numbers

MPCA staff http://www.pca.state.mn.us/pca/staff/index.cfm

MPCA toll free 1-800-657-3864

Petroleum Remediation Program web page

http://www.pca.state.mn.us/programs/lust_p.html

MPCA Info. Request http://www.pca.state.mn.us/about/inforequest.html

MPCA VIC program http://www.pca.state.mn.us/cleanup/vic.html

MPCA Petroleum Brownfields Program

http://www.pca.state.mn.us/programs/vpic_p.html

MPCA SRS guidance documents

http://www.pca.state.mn.us/cleanup/riskbasedoc.html

MDH HRLs http://www.pca.state.mn.us/cleanup/riskbasedoc.html#surfacewaterpathwayhttp://www.health.state.mn.us/divs/eh/groundwater/hrltable.html

MDH DW hotline 1-800-818-9318

Petrofund Web Page http://www.state.mn.us/cgi-bin/portal/mn/jsp/content.do?id=-

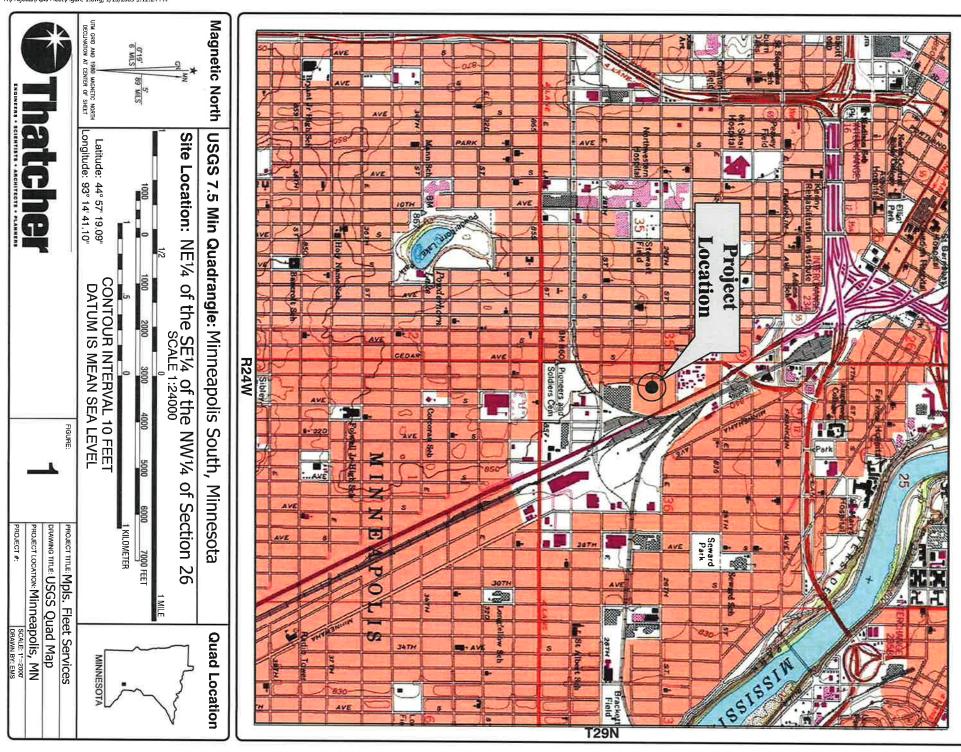
536881377&agency=Commerce

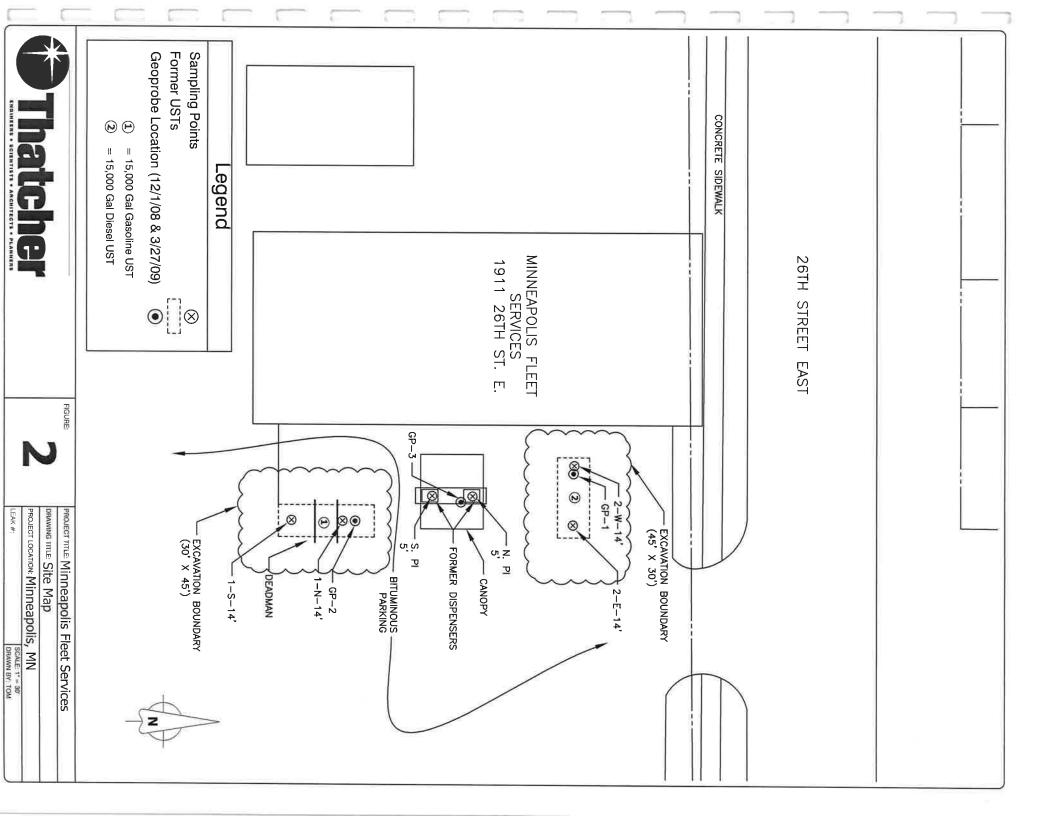
Petrofund Phone 651-215-1775 or 1-800-638-0418
State Duty Officer 651-649-5451 or 1-800-422-0798

Upon request, this document can be made available in other formats, including Braille, large print and audio tape. TTY users call 651/282-5332 or Greater Minnesota 1-800-657-3864 (voice/TTY).

Printed on recycled paper containing at least 10 percent fibers from paper recycled by consumers.

Figures









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DRAWING TITLE: Address Map PROJECT LOCATION: Minneapolis, MN