



April 24, 2018

City of Detroit Department of Public Works
City Engineering & Street Maintenance Divisions
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 611
Detroit, Michigan 48226

Re: Notice of Migration of Contamination
From 6044 West Fort Street, Detroit, MI, Tax ID 16000307 (MDOT Parcel 5519)
And/or 6049 West Fort Street, Detroit, MI, Tax ID 16000274-7 (MDOT Parcel 5683)
Potentially toward West Fisher Service Drive right-of-way, West Fort Street right-of-way, Military Street right-of-way,
Cavalry Street right-of-way, Gaynor Court right-of-way, and/or alley rights-of-way
Notification No. 5519.5683-ROW

To whom it may concern:

The Mannik Smith Group, Inc. ("MSG"), on behalf of the Michigan Department of Transportation ("MDOT"), has directed or conducted underground environmental testing at 6044, 6049 West Fort Street, Detroit, Michigan ("the Site") in relation to the Gordie Howe International Bridge project underway in the vicinity of the rights-of-way referenced above ("the subject properties").

The Michigan Department of Environmental Quality ("MDEQ") requires distribution of the enclosed a Notice of Migration of Contamination form when there is evidence that environmental contamination at one property has or may have affected nearby properties. Hazardous substance(s) were identified in soil and/or groundwater sample(s) collected at the Site at concentration(s) that exceed Generic Residential Cleanup Criteria and Screening Levels established by the MDEQ.

At this time, it is not known if the subject properties have been affected by the environmental contamination at the Site. Also, the identification of hazardous substance(s) at the Site does not necessarily mean a hazardous situation or immediate danger currently exists. MSG, on behalf of the MDOT, is providing this notice to you as a precautionary measure and for your general awareness of environmental conditions at the Site.

Please review the enclosed document and if you have any questions regarding the Notice of Migration of Contamination please contact Karen Williams of the MDEQ at 586-753-3884. If you have general questions regarding the contents of this letter please contact Walter Bolt of MSG at 734-397-3100, extension 6025 or Jim Woodruff of the MDOT at 517-241-9115.

Sincerely,

Walter J. Bolt, CPG
Project Manager
Environmental Owners Representative Consultant
Gordie Howe International Bridge Project

CC: Jim Woodruff – MDOT
Karen Williams – MDEQ RRD Project Manager
Paul Max – General Manager, Environmental Affairs, City of Detroit BSEED
Anita Harrington – Environmental Specialist II, City of Detroit BSEED

RECEIVED MAY 15 2018

TECHNICAL SKILL.
CREATIVE SPIRIT.

5519.5683.Notice Cover Letter.DetroitDPW.docx

For DEQ Use Only
ITS # _____
Site ID # _____
Category Code: _____

NOTICE OF MIGRATION OF CONTAMINATION (FORM EQP4482 REV. 4/16)

(Under the authority of Part 201, Natural Resources and Environmental Protection Act, 1994 Act 451, as amended, (NREPA) and the Rules promulgated thereunder)

An owner or operator of property that is a facility, and/or who is subject to MCL324.20107a, and who has reason to believe that a hazardous substance is emanating from, has emanated from, or is likely to be emanating from the property and migrating beyond the boundaries of the property that he or she owns or operates is required under R 299.51017(1) and MCL 324.20114(1)(b)(ii) & (iii) to notify the Michigan Department of Environmental Quality (DEQ) and affected property owners. Submission of this notice does not fulfill the notification requirements of MCL 324.21309a.

The notice must be provided within 45 days (MCL 324.20107a) or within 30 days (MCL 324.20114) after the owner or operator has reason to believe that hazardous substances have migrated, or are likely to have migrated, to or beyond the boundary of his or her property (see R 299.51017 for exceptions that apply to parties subject to MCL 324.20107a).

Use of this form is mandatory for the notice required by R 299.51017(1) and may also be used by parties subject to MCL 324.20114(1)(b)(ii) & (iii). This form may also be used to provide notice to affected property owners as required by those rules.

If a person holds a permit for an oil and gas well under Part 615, Supervisor of Wells, of the NREPA and there is a release from the oil and gas exploration or production activities, that person shall give notice to the DEQ and to the owner of the surface rights of the property.

If a person holds an easement and there is a release from the easement holder's activities, that person shall provide notice to the DEQ and to the grantor of the easement, or the grantor's successor in interest, if any.

Completing this notice in no way relieves a person who is subject to MCL 324.20114 from the responsibility to undertake required response activities.

This notice must be sent to the DEQ office that serves the county in which the property is located. A list of DEQ offices is available at www.michigan.gov/deqducare, or by calling the Remediation and Redevelopment Division's Lansing office at 517-284-5187. The DEQ will not prepare acknowledgement of receipt of these notices. The sender is responsible for sending the report using a method that provides proof of delivery if such proof is desired. Please label the outside of the envelope "Migration Notice." Additional guidelines for the compliance with the requirements of R 299.51017(1) or MCL 324.20114(1)(b)(ii) & (iii) are available at www.michigan.gov/deqducare.

THIS NOTICE IS PROVIDED PURSUANT TO: R 299.51017 MCL 324.20114(1)
(check both, if applicable)

Please provide the following information as completely as possible.

1. Name and location of the property that hazardous substances are emanating from:	Status relative to the property: (Check one or both, as applicable.)
Name: MI Dept. of Transportation (MDOT) Parcels 5519 & 5683	Owner <input checked="" type="checkbox"/>
Address: 6044 & 6049 West Fort Street	Operator <input type="checkbox"/>
Location: Michigan	
City/County: Detroit/Wayne	
Property Tax Identification Number, or if applicable, the ward and item number: 16000307 & 16000274-7	
Parcel 5519: Latitude (decimal degrees): 42.308398 °N	Longitude (decimal degrees): -83.100704 °W
Parcel 5683: Latitude (decimal degrees): 42.307351 °N	Longitude (decimal degrees): -83.100255 °W
Reference Point for Latitude and Longitude:	
Center of Site: <input checked="" type="checkbox"/> Main/front door: <input type="checkbox"/> Front gate/main entrance: <input type="checkbox"/> Other: <input type="checkbox"/>	
Collection Method: Survey: <input type="checkbox"/> Interpolation: <input type="checkbox"/> GPS: <input checked="" type="checkbox"/>	



2. Provide any additional ID numbers associated with the property (e.g., EPA ID No., BEA No., Part 213 facility ID No., etc.):

GHIB MDOT Parcels 5519 and 5683; MERA Site ID# 82002800; CNTS-RRD-16-001

3. Name, address, and telephone number of the property owner, operator, or other party submitting the notice:

Name: MDOT Bureau of Development, Environmental Services Section
Address: 425 W. Ottawa Street, P.O. Box 30050
City/State: Lansing, MI, 48909
Telephone Number: 517-241-9115

4. Name, address and telephone number of a contact person familiar with the content of the notice:

Name: Walter Bolt of The Mannik & Smith Group, Inc. Environmental Owner's Rep Consultant to MDOT
Address: 2365 Haggerty Road South
City/State: Canton, MI 48188
Telephone Number: 734-397-3100 x. 6025

5. If this Notice is provided pursuant to R 299.51017, provide the address and other location information for the adjacent property(s) onto which contamination is migrating, has migrated, or is likely to migrate.

If this Notice is provided pursuant to MCL Section 324.20114(1), provide the address and other location information for each property onto which contamination has migrated. Notice should be sent to the property owner of record. If the impacted property is owned by the State of Michigan, notice should be sent to the department managing the property (e.g., a prison, state park, etc.). Notices to the Michigan Department of Transportation (MDOT) for state owned roadways should be sent to Contaminated Site Specialist, Environmental Services Section, MDOT-Bureau of Development, 425 W. Ottawa Street, P.O. Box 30050, Lansing, MI 48909. If the impacted property is owned by the State of Michigan, notice should be sent to the department managing the property (i.e. a prison, state park, etc.).

Address: 745 Military St. City/State: Detroit, MI Property Tax ID number: 16016483.002L Other: DIB Detroit, LLC	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 335, 341 Military St. City/State: Detroit, MI Property Tax ID number: 16016489-90 Other: Crown Enterprises, Inc.	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 5899 W. Fort St. City/State: Detroit, MI Property Tax ID number: 16000268-71 Other: Southend Development Group, LLC	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 27700 Donald Court City/State: Warren, MI, 48092-2793 Property Tax ID number: NA Other: MDEQ, Southeast Michigan District Office Office of Drinking Water & Municipal Assistance Division	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 2 Woodward Avenue, Ste. 611 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: City of Detroit (W. Fort St., Military St., Cavalry St., Gaynor Ct., and alleys adjacent to 6044 W. Fort St./16000307 & 6049 W. Fort St./160000274-7)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018



Address: 27175 Energy Way City/State: Novi, MI, 48377 Property Tax ID number: NA Other: International Transmission Company (ITC) (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 735 Randolph Street, Ste. 1900 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Great Lakes Water Authority (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 12775 Lydon Street City/State: Detroit, MI, 48227 Property Tax ID number: NA Other: Comcast/Xfinity (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 208 S. Akard Street City/State: Dallas, TX, 75202 Property Tax ID number: NA Other: AT&T Headquarters (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: One Energy Plaza, Ste. 1935 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Detroit Edison, DTE (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 6425 Huber Street City/State: Detroit, MI, 48211 Property Tax ID number: NA Other: Detroit Water & Sewerage Department (utility holder) – via email	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 3245 E. Jefferson Avenue, Ste. 100 City/State: Detroit, MI, 48207 Property Tax ID number: NA Other: Detroit Health Department – via email	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
The following surrounding parcels are owned by MDOT:	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: April 24, 2018
Address: 749 Military St. City/State: Detroit, MI Property Tax ID number: 16016483.001 Other: MDOT Parcel 5506		Address: 6001 W. Fort St. City/State: Detroit, MI Property Tax ID number: 16000272-3 Other: MDOT Parcel 5684 (5684_COMB)
Address: 737 Military St. City/State: Detroit, MI Property Tax ID number: 16016484 Other: MDOT Parcel 5508		Address: 6010 Gaynor Ct. City/State: Detroit, MI Property Tax ID number: 16000225-31 Other: MDOT Parcel 5685 (5684_COMB)
Address: 731, 733 Military St. City/State: Detroit, MI Property Tax ID number: 16016485 Other: MDOT Parcel 5509		Address: 6000 Gaynor Ct. City/State: Detroit, MI Property Tax ID number: 16000232 Other: MDOT Parcel 5686



Address: 6100, 6106 W. Fort St.
City/State: Detroit, MI
Property Tax ID number: 16000305-6
Other: MDOT Parcel 5516

Address: 336 Military St.
City/State: Detroit, MI
Property Tax ID number: 16015865
Other: MDOT Parcel 5517

Address: 761 Cavalry St.
City/State: Detroit, MI
Property Tax ID number: 16015209-14
Other: MDOT Parcel 5518

Address: 758, 762 Cavalry St.
City/State: Detroit, MI
Property Tax ID number: 16015016-7
Other: MDOT Parcel 5521

Address: 726 Cavalry St.
City/State: Detroit, MI
Property Tax ID number: 16015011
Other: MDOT Parcel 5522

Address: 5892 W. Fort St.
City/State: Detroit, MI
Property Tax ID number: 16000308
Other: MDOT Parcel 5533

Address: 329 Military St.
City/State: Detroit, MI
Property Tax ID number: 16016491
Other: MDOT Parcel 5679

Address: 6101 W. Fort St.
City/State: Detroit, MI
Property Tax ID number: 16000278-80
Other: MDOT Parcel 5680 (5680_COMB)

Address: 359 Military St.
City/State: Detroit, MI
Property Tax ID number: 16016486-8
Other: MDOT Parcel 5681 (5680_COMB)

Address: 6023 Gaynor Ct.
City/State: Detroit, MI
Property Tax ID number: 16000224
Other: MDOT Parcel 5687

Address: 6017 Gaynor Ct.
City/State: Detroit, MI
Property Tax ID number: 16000223
Other: MDOT Parcel 5688

Address: 328 Military St.
City/State: Detroit, MI
Property Tax ID number: 16015852-64
Other: MDOT Parcel 5692

Address: 322 Military St.
City/State: Detroit, MI
Property Tax ID number: 16015851
Other: MDOT Parcel 5693

Address: 6026, 6032 Hussar St.
City/State: Detroit, MI
Property Tax ID number: 16000212-3, 16000214.001
Other: MDOT Parcel 5696

Address: 6024 Hussar St.
City/State: Detroit, MI
Property Tax ID number: 16000214.002L
Other: MDOT Parcel 5697

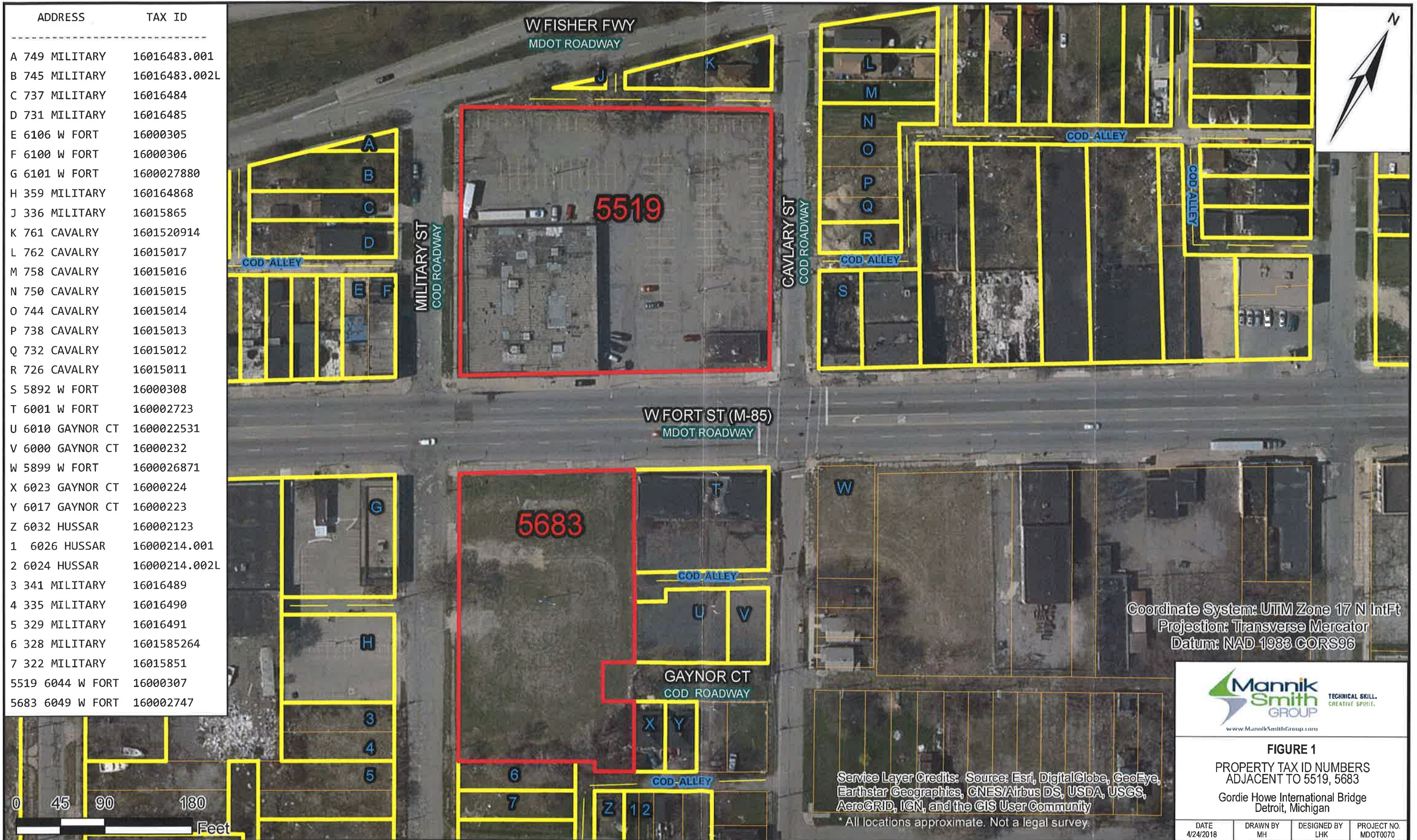
Address: 732, 738, 744, 750 Cavalry St.
City/State: Detroit, MI
Property Tax ID number: 16015012-5
Other: MDOT Parcel 5723

Address: MDOT I-75 Right-of-Way
City/State: Detroit, MI
Property Tax ID number: NA
Other: Control Section 82194, Sheet 114, Parcels 2031, 2052, & 2053

Address: MDOT M-85 Right-of-Way
City/State: Detroit, MI
Property Tax ID number: NA
Other: West Fort Street (M-85) east of Military Street, west of Cavalry Street

(Attach additional pages as needed) PLEASE SEE ATTACHED MAP OF PROPERTY TAX ID NUMBERS.

MAP OF PROPERTY TAX ID NUMBERS



Date Saved: 4/24/2018 2:35:03 PM
 Path: S:\Projects\Project K-OIMDOT0070\ENG\APPS\GIS\Map_Files\Notification Maps\5519_5683_TaxID_Map.mxd



6. Complete the Table on Page 7 of this Form for each hazardous substance which has migrated, or is likely to have migrated, beyond the property boundary at a concentration that exceeds a Generic Residential Cleanup Criterion developed by the DEQ pursuant to MCL 324.20120a(1). Complete and attach additional copies of Page 7, if necessary, to list all hazardous substances that must be reported. Include a scaled map or drawing that shows the location of sampling points identified on the Table on Page 7, the property boundaries, and the adjacent property owners if providing notice pursuant to R 299.1017(1) or all impacted property owners if providing notice pursuant to MCL 324.20114(1).
7. Provide a summary of the information which shows that contamination is emanating from, or has emanated from, and is present beyond the boundary of the source property at a concentration which exceeds the generic residential criteria developed by the DEQ pursuant to MCL 324.20120a(1)(a). This summary shall identify the environmental media affected, specific hazardous substances, and the concentrations of those hazardous substances in all affected environmental media at the property boundary and in any sample locations beyond the property boundary. The summary shall also describe the basis for the conclusion that the contamination is emanating, has emanated, or is present beyond the boundary of the source property, including whether the conclusion is based on groundwater analytical data or fate and transport modeling, both, or neither.
8. If the person making this notice has reason to believe that a migrating hazardous substance has affected, or is likely to affect, a private or public water supply, then that water supply must be identified here:

NA

- | | YES | NO |
|---|-------------------------------------|-------------------------------------|
| 9. Is this notice being submitted within the timeframes established under R 299.51017 and/or MCL 324.20114(1), as applicable? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Is this notice in addition to a notice that was submitted prior to December 21, 2002? (R 299.51017(4)(c)) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11. Is this notice related to an oil and gas well permit (R 299.51017(2))? Permit #: | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12. Is this notice related to an easement (R 299.51017(3))? (NOTE: All easement grantors <i>must</i> receive this notice.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13. Has surface water been affected (R 299.51017(1))? (If yes, please identify the affected surface water body.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

CERTIFICATION:

With my signature below, I certify that I am the owner of the facility or that I am legally authorized to execute this notice on behalf of the owner or operator named on this form, and that to the best of my knowledge and belief the above representations are complete and accurate. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

Signature Walter J. Bolt Date 4/24/2018
(Owner or person legally authorized to bind the person making this report)

Name (Typed or Printed) Walter J. Bolt

Title (Typed or Printed) Project Manager, Environmental Owners Representative Consultant, Gordie Howe International Bridge Project



See Item 6 on Page 6 of this Form for instructions to be used in completing this table. Attach additional pages if necessary. The information to be included in each column of the table is:

- Column A Name of hazardous substance.
- Column B Chemical Abstract Service (CAS) Number for the hazardous substance.
- Column C Maximum hazardous substance concentration measured on the property, expressed in parts per billion (e.g., ug/L or ug/Kg). Report maximum concentration separately for each environmental medium.
- Column D Sample location for Column C (relate to label on map).
- Column E Environmental medium in which concentration reported in Column C was measured (e.g., soil or groundwater).
- Column F Distance from point of maximum measured concentration (Column D) to property boundary, in direction of contaminant migration, if direction is known or can reasonably be inferred. If direction is unknown, list distance to nearest property boundary.
- Column G Direction of contaminant migration, if known.
- Column H Concentration closest to property boundary, if known. If a concentration lower than the maximum concentration reported in Column C has been measured at a point closer to the property boundary in the direction of contaminant migration, use Column I to list the concentration that was measured closest to the property boundary in the direction of contaminant migration.
- Column I Sample location for Column H (relate to label on map).
- Column J Environmental medium for measurement reported in Column H, if applicable.

PLEASE SEE ATTACHED TABLE 1

A Hazardous Substance	B CAS Number	C Maximum Concentration	D Sample Location for "C"	E Environmental Medium for "C"	F Distance to Property Boundary	G Direction of Migration	H Boundary Concentration	I Sample Location for "H"	J Environmental Medium for "H"

Total Number Samples Collected: _____ Total Number of Samples Exceeding Criteria: _____

A scaled map or drawing showing these locations and the property boundaries must be submitted with this Notice
PLEASE SEE ATTACHED FIGURES 2 AND 3

TABLE 1 - DEQ NOTICE OF MIGRATION ATTACHMENT

A	B	C	D	E	F	G	H	I	J
Hazardous Substance	CAS Number	Maximum Concentration	Sample Location for "C"	Environmental Medium for "C"	Distance to Property Boundary	Direction of Migration	Boundary Concentration	Sample Location for "H"	Environmental Medium for "H"
Ethylbenzene	100-41-4	4,600	5683_SB-09_8-9_S_SME_20170919	Soil	20 feet	Unknown	-	-	-
1,2,4-Trimethylbenzene	95-63-6	28,000	5683_SB-09_8-9_S_SME_20170919	Soil	20 feet	Unknown	-	-	-
1,3,5-Trimethylbenzene	108-67-8	3,600	5683_SB-09_8-9_S_SME_20170919	Soil	20 feet	Unknown	-	-	-
Xylenes (Total)	1330-20-7	8,000	5683_SB-09_8-9_S_SME_20170919	Soil	20 feet	Unknown	-	-	-
Benzo(a)pyrene	50-32-8	4,700	5683_SB-03_1-2_S_SME_20170919	Soil	5 feet	Unknown	-	-	-
Fluoranthene	206-44-0	18,000	5683_SB-03_1-2_S_SME_20170919	Soil	5 feet	Unknown	-	-	-
Naphthalene	91-20-3	1,400	5519_SB03_9-10_S_TEC_20171004	Soil	35 feet	Unknown	-	-	-
Phenanthrene	85-01-8	18,000	5683_SB-03_1-2_S_SME_20170919	Soil	5 feet	Unknown	-	-	-
Barium	7440-39-3	760,000	5683_SB-07_2-3_S_SME_20170919	Soil	85 feet	Unknown	-	-	-
Cadmium	7440-43-9	75,000	5683_SB-07_2-3_S_SME_20170919	Soil	85 feet	Unknown	-	-	-
Chromium (Total)	7440-47-3	1,700,000	5519_SB12_1-2_S_TEC_20171004	Soil	15 feet	Unknown	-	-	-
Copper	7440-50-8	790,000	5683_SB-07_2-3_S_SME_20170919	Soil	85 feet	Unknown	-	-	-
Lead - Total (calculated)	7439-92-1	730,000	5683_SB-03_5-6_S_SME_20170919	Soil	5 feet	Unknown	-	-	-
Lead - Fine Fraction	7439-92-1	1,000,000	5683_SB-03_5-6_S_SME_20170919	Soil	5 feet	Unknown	-	-	-
Lead - Coarse Fraction	7439-92-1	460,000	5519_SB03_9-10_S_TEC_20171004	Soil	35 feet	Unknown	-	-	-
Mercury	7439-97-6	480	5683_SB-02_0-1_S_SME_20170919	Soil	35 feet	Unknown	-	-	-
Selenium	7782-49-2	11,000	5519_SB13_1-2_S_TEC_20171004	Soil	110 feet	Unknown	-	-	-
Zinc	7440-66-6	40,000,000	5683_SB-07_2-3_S_SME_20170919	Soil	85 feet	Unknown	-	-	-
Cyanide (Available)	57-12-5	260	5683_SB-01_1-2_S_SME_20170919	Soil	30 feet	Unknown	-	-	-
Selenium	7782-49-2	1,100	5683_DP-03_S_SME_20170920	Debris Pile	15 feet	Unknown	-	-	-
Cyanide (Available)	57-12-5	480	5683_DP-03_S_SME_20170920	Debris Pile	15 feet	Unknown	-	-	-
1,2,4-Trimethylbenzene	95-63-6	260	5683_SB-09_7-12_GW_SME_20170919	Groundwater	20 feet	Unknown	-	-	-
Ethylbenzene	100-41-4	98	5683_SB-09_7-12_GW_SME_20170919	Groundwater	20 feet	Unknown	-	-	-
Xylenes (Total)	1330-20-7	120	5683_SB-09_7-12_GW_SME_20170919	Groundwater	20 feet	Unknown	-	-	-
2-Methylnaphthalene	91-57-6	22	5683_DUP-01_GW_SME_20170919*	Groundwater	20 feet	Unknown	-	-	-
Benzo(a)anthracene	56-55-3	2.7	5683_DUP-01_GW_SME_20170919*	Groundwater	20 feet	Unknown	-	-	-
Benzo(b)fluoranthene	205-99-2	2.7	5683_DUP-01_GW_SME_20170919*	Groundwater	20 feet	Unknown	-	-	-
Benzo(g,h,i)perylene	191-24-2	1.4	5519_SB02_7-12_GW_TEC_20171004	Groundwater	30 feet	Unknown	-	-	-
Benzo(k)fluoranthene	207-08-9	2.2	5683_SB-09_7-12_GW_SME_20170919	Groundwater	20 feet	Unknown	-	-	-
Benzo(a)pyrene	50-32-8	1.9	5519_SB02_7-12_GW_TEC_20171004	Groundwater	30 feet	Unknown	-	-	-
Chrysene	218-01-9	2.3	5683_SB-09_7-12_GW_SME_20170919	Groundwater	20 feet	Unknown	-	-	-
Fluoranthene	206-44-0	5.7	5683_DUP-01_GW_SME_20170919*	Groundwater	20 feet	Unknown	-	-	-
Naphthalene	91-20-3	59	5683_DUP-01_GW_SME_20170919*	Groundwater	20 feet	Unknown	-	-	-
Phenanthrene	85-01-8	5.2	5683_DUP-01_GW_SME_20170919*	Groundwater	20 feet	Unknown	-	-	-
Chromium (Total)	7440-47-3	20	5519_SB02_7-12_GW_TEC_20171004	Groundwater	30 feet	Unknown	-	-	-
Copper	7440-50-8	15	5519_SB02_7-12_GW_TEC_20171004	Groundwater	30 feet	Unknown	-	-	-
Lead	7439-92-1	150	5519_SB02_7-12_GW_TEC_20171004	Groundwater	30 feet	Unknown	-	-	-
Selenium	7782-49-2	15	5683_SB-11_5-10_GW_SME_20170920	Groundwater	5 feet	Unknown	-	-	-
Zinc	7440-66-6	230	5519_SB02_7-12_GW_TEC_20171004	Groundwater	30 feet	Unknown	-	-	-

Total Number of Samples Collected: 69 soil, 3 debris pile, 6 groundwater

Total Number of Samples Exceeding Criteria: 67 soil, 3 debris pile, 4 groundwater

* Duplicate sample corresponding to 5683_SB-09_7-12_GW_SME_20170919

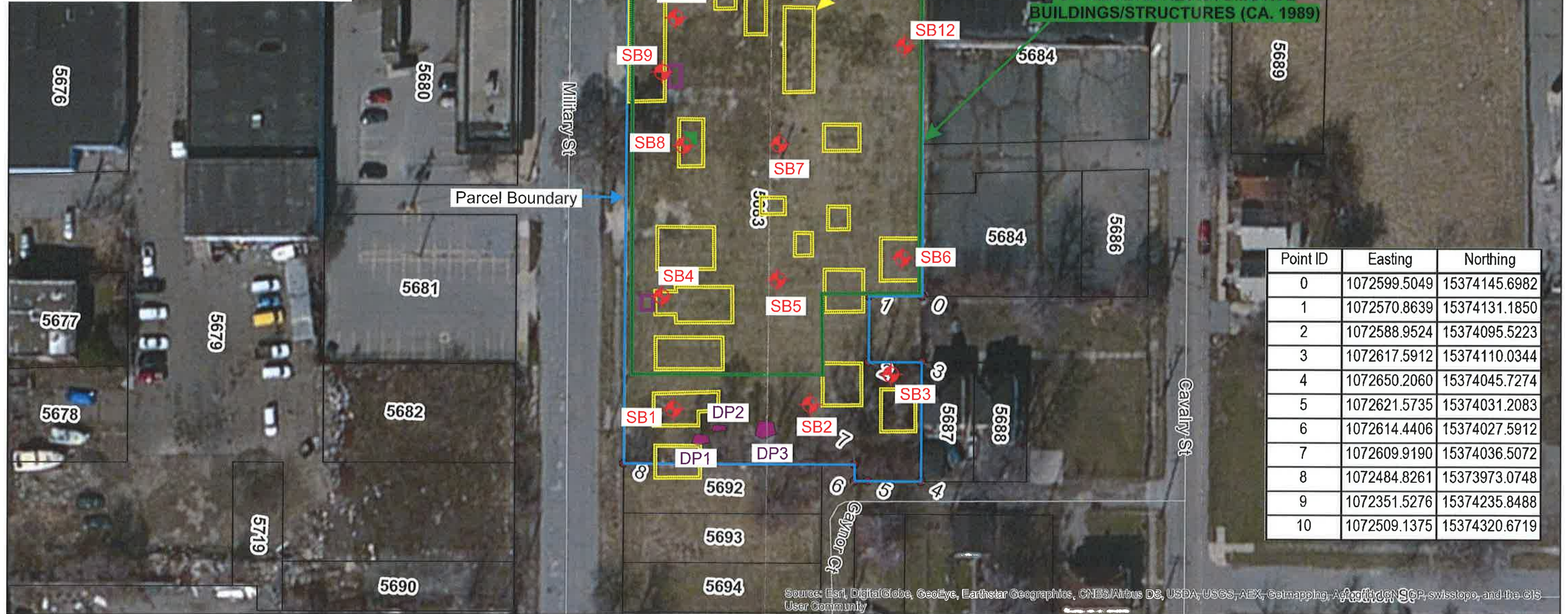


	Testing Engineers & Consultants, Inc. 1343 Rochester Rd Troy, MI 48083	Preliminary Site Investigation Gordie Howe International Bridge 6044 W Fort St Detroit, MI 48209	MDOT Parcels 5519 TEC Project: 56392-02 Approx. scale: 1" = 80' Date: 2018/01/26	Figure 2 Boring Locations
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MDOT Parcel 5683
SME Project No. 073213.05
Sample Location Diagram
Figure No. 3

* Basemap provided by MSG.



Point ID	Easting	Northing
0	1072599.5049	15374145.6982
1	1072570.8639	15374131.1850
2	1072588.9524	15374095.5223
3	1072617.5912	15374110.0344
4	1072650.2060	15374045.7274
5	1072621.5735	15374031.2083
6	1072614.4406	15374027.5912
7	1072609.9190	15374036.5072
8	1072484.8261	15373973.0748
9	1072351.5276	15374235.8488
10	1072509.1375	15374320.6719

Legend

- Parcel Coordinate Points
- ⊕ Approximate PSI Soil Boring Location
- Suspect ACM Sample Location (collected from sampling liner)
- ▭ Approximate Debris Pile Location
- ▭ Approximate Location of Suspected UST



Coordinate System: UTM Zone 17 N
 (NAD83)(CORS96)(Epoch:2002)
 Using Geoid Model Geoid12A



Notes:
 Historical feature locations are approximate and based on review of available Sanborn® maps provided by MSG.
 Refer to the geophysical report appended to the PSI report for information about and figures depicting additional inferred buried utilities and other features, as applicable. Suspected UST locations identified during the geophysical survey are shown above.