



November 20, 2017

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 6001 W Fort Street and/or 6010 Gaynor Court, Detroit, MI, Tax ID 16000272-3 and 16000225-31 (MDOT Parcel 5684)
Potentially toward Cavalry Street right-of-way to the east, alley in between, W Fort Street right-of-way to the north, and/or Gaynor Court right-of-way to the south
Notification No. 5684-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 6001 W Fort Street and 6010 Gaynor Court, Detroit, Michigan ("the Site") in relation to the Gordie Howe International Bridge project underway in the vicinity of the right-of-ways 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

TECHNICAL SKILL.
CREATIVE SPIRIT.

5684.Notice Cover Letter DetroitDPW.docx



For DEQ Use Only ITS # _____ Site ID # _____ Category Code: _____
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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: 2. Status relative to the property:
(Check one or both, as applicable.)

Name: MI Dept of Transportation (MDOT) Parcel 5684 Owner
 Address: 6001 W Fort and 6010 Gaynor Court Operator
 Location: Michigan
 City/County: Detroit/Wayne
 Property Tax Identification Number, or if applicable, the ward and item number: 16000272-3 and 16000225-31

Latitude (decimal degrees): 42.307592°N Longitude (decimal degrees): -83.099734°W

Reference Point for Latitude and Longitude:
 Center of Site: Main/front door: Front gate/main entrance: Other:

Collection Method: Survey: Interpolation: GPS:



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

Address: 5899 W Fort Street
City/State: Detroit, MI
Property Tax ID number: 160002687-1
Other: Southend Development Group
Notified? No Yes Date: 11/25/2017

Address: 346 Cavalry Street
City/State: Detroit, MI
Property Tax ID number: 16015010.004L
Other: Francisco Lugo
Notified? No Yes Date: 11/25/2017

Address: 340 Cavalry Street
City/State: Detroit, MI
Property Tax ID number: 16015010.003
Other: M & J Vanegas
Notified? No Yes Date: 11/25/2017

Address: 334 Cavalry Street
City/State: Detroit, MI
Property Tax ID number: 16015010.002
Other: M & J Vanegas
Notified? No Yes Date: 11/25/2017

Address: 6023 Gaynor Ct
City/State: Detroit, MI
Property Tax ID number: 16000224
Other: MDOT Parcel ID 5687
Notified? No Yes Date: 11/25/2017

Address: 6017 Gaynor Ct
City/State: Detroit, MI
Property Tax ID number: 16000223
Other: MDOT Parcel ID 5688
Notified? No Yes Date: 11/25/2017

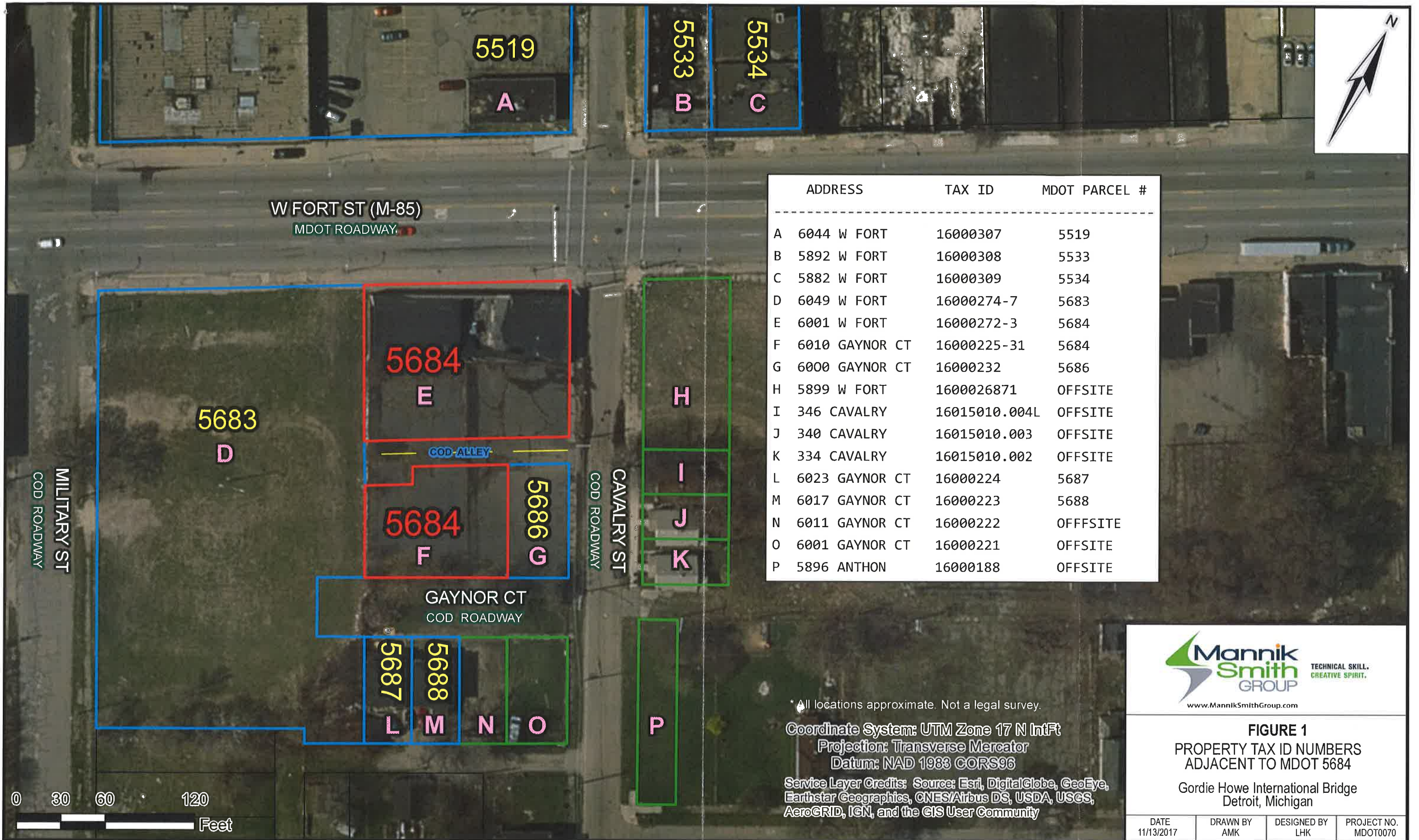
Address: 6011 Gaynor Ct
City/State: Detroit, MI
Property Tax ID number: 16000222
Other: Michigan Land Bank
Notified? No Yes Date: 11/25/2017

Address: 6001 Gaynor Ct
City/State: Detroit, MI
Property Tax ID number: 16000221
Other: Michigan Land Bank
Notified? No Yes Date: 11/25/2017

Address: 5896 Anthon
City/State: Detroit, MI
Property Tax ID number: 16000188
Other: City of Detroit P & DD
Notified? No Yes Date: 11/25/2017

Address: MDOT M-85 Right-of-Way
City/State: Detroit, MI
Property Tax ID number: NA
Other: Adjacent to 6001 W Fort
MDOT-Bureau of Development, Contaminated Site
Specialist, Environmental Services Section, 425 West
Ottawa Street, P.O. Box 30050, Lansing, MI 48909
Notified? No Yes Date: 11/25/2017

MAP OF PROPERTY TAX ID NUMBERS



Date Saved: 11/13/2017 1:31:28 PM
Path: S:\Projects\Project K-OWDOT0070\ENGAPPS\GIS\Map_Files\Notification Maps\5684_TaxID_Landscape.mxd



FIGURE 1
PROPERTY TAX ID NUMBERS
ADJACENT TO MDOT 5684

Gordie Howe International Bridge
Detroit, Michigan

DATE 11/13/2017	DRAWN BY AMK	DESIGNED BY LHK	PROJECT NO. MDOT0070
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* All locations approximate. Not a legal survey.

Coordinate System: UTM Zone 17 N IntFt
Projection: Transverse Mercator
Datum: NAD 1983 CORS96

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- 5684
- ADJACENT MDOT PARCELS
- OFFSITE PARCELS
- MDOT PARCELS



6. Complete the Table on Page 6 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 6, 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 6, 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?
10. Is this notice in addition to a notice that was submitted prior to *December 21, 2002*? (R 299.51017(4)(c))
11. Is this notice related to an oil and gas well permit (R 299.51017(2))? Permit #:
12. Is this notice related to an easement (R 299.51017(3))? (NOTE: All easement grantors *must* receive this notice.)
13. Has surface water been affected (R 299.51017(1)? (If yes, please identify the affected surface water body.)

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
(Owner or person legally authorized to bind the person making this report)

Date 11/20/2017

Name (Typed or Printed) Walter J. Bolt

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

TABLE 1

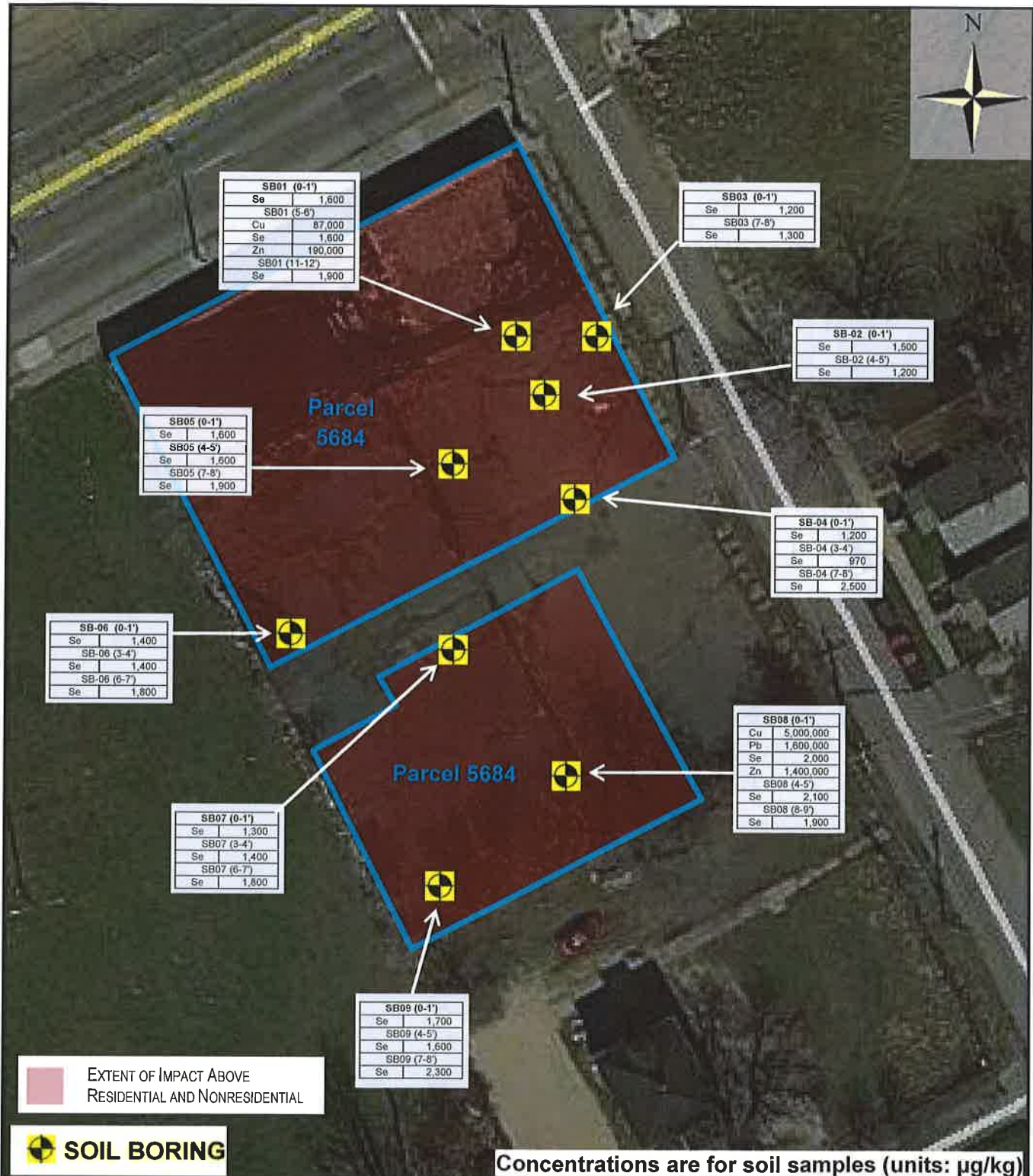
DEQ NOTICE OF MIGRATION ATTACHMENT

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"
Benzene	71-43-2	1,900	SB-01_5-6	Soil	22	Unknown	-	-	-
Benzene	71-43-2	36	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Cyclohexane	110-82-7	6,400	SB-01_11-12	Soil	22	Unknown	-	-	-
Ethylbenzene	100-41-4	89,000	SB-01_5-6	Soil	22	Unknown	-	-	-
Ethylbenzene	100-41-4	65	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Isopropylbenzene (Cumene)	98-82-8	16,000	SB-01_5-6	Soil	22	Unknown	-	-	-
Toluene	108-88-3	35,000	SB-01_5-6	Soil	22	Unknown	-	-	-
1,2,4-Trimethylbenzene	95-63-6	300,000	SB-01_5-6	Soil	22	Unknown	-	-	-
1,2,4-Trimethylbenzene	95-63-6	71	SB-01_6-11	Groundwater	22	Unknown	-	-	-
1,3,5-Trimethylbenzene	108-67-8	79,900	SB-01_5-6	Soil	22	Unknown	-	-	-
Xylenes (Total)	1330-20-7	180,000	SB-01_5-6	Soil	22	Unknown	-	-	-
Xylenes (Total)	1330-20-7	110	SB-01_6-11	Groundwater	22	Unknown	-	-	-
2-Methylnaphthalene	91-57-6	85,000	SB-01_11-12	Soil	22	Unknown	-	-	-
Naphthalene	91-20-3	47,000	SB-01_11-12	Soil	22	Unknown	-	-	-
Naphthalene	91-20-3	27	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Phenanthrene	85-01-8	6,900	SB-01_11-12	Soil	22	Unknown	-	-	-
Arsenic	7440-39-2	68	SB-04_4-9	Groundwater	0	Unknown	-	-	-
Cadmium	7440-43-9	9.4	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Chromium (Total)	7440-47-3	100	SB-03_3-8	Groundwater	4.3	Unknown	-	-	-
Copper	7440-50-8	5,000,000	SB-08_0-1	Soil	21	Unknown	-	-	-
Copper	7440-50-8	750	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Lead	7439-92-1	1,600,000	SB-08_0-1	Soil	21	Unknown	-	-	-
Lead	7439-92-1	1,200	SB-03_3-8	Groundwater	-	Unknown	-	-	-
Mercury	7439-97-6	1.3	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Selenium	7782-49-2	2,500	SB-04_0-1	Soil	0	Unknown	-	-	-
Selenium	7782-49-2	17	SB-04_4-9	Groundwater	0	Unknown	-	-	-
Silver	7440-22-4	0.78	SB-01_6-11	Groundwater	22	Unknown	-	-	-
Zinc	7440-66-6	1,400,000	SB-08_0-1	Soil	21	Unknown	-	-	-
Zinc	7440-66-6	1,500	SB-01_6-11	Groundwater	22	Unknown	-	-	-

Total Number of Samples Collected: 26 soil, 3 groundwater

Total Number of Samples Exceeding Criteria: 26 soil, 3 groundwater

Footnotes:



	Testing Engineers & Consultants, Inc. 1343 Rochester Rd Troy, MI 48083	Preliminary Site Investigation Gordie Howe International Bridge 6001 W Fort St & 6010 Gaynor Ct. Detroit, MI 48209	MDOT Parcel 5684 TEC Project: 56938-02 Approx. scale: 1" = 43 Date: 2017/09/26	Figure 3 Extent of Impact Exceedance Diagram (Metals)
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