

May 18, 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

Notice of Migration of Contamination

From 6100 West Jefferson Avenue; 399, 501, 503, 521, 525, 531, 599 South Dragoon Street; 272, 280, 292, 310, 314, 320 South Military Street, Detroit, MI, Tax ID 16000021-7; 16016653-5, 16016646-51; 16016528-30, 16016532,

16016533.001, 16016533.002L (MDOT Parcel 5091\_COMB)

Potentially toward West Jefferson Avenue, South Dragoon Street, South Military Street, and/or alleys rights-of-way

Notification No. 5091.5092.5356.5357.5364.5720-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 6100 West Jefferson Avenue; 399, 501, 503, 521, 525, 531, 599 South Dragoon Street; and 272, 280, 292, 310, 314, 320 South Military 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

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.

5091 COMB.Notice Cover Letter, Detroit DPW.docx

2365 Haggerty Road South, Canton, Michigan 48188 Tel: 734.397.3100 Fax: 734.397.3131 www.MannikSmithGroup.com

RECEIVED JUN 1 8 2018



## MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

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 <a href="www.michigan.gov/deqduecare">www.michigan.gov/deqduecare</a>, 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 <a href="www.michigan.gov/deqduecare">www.michigan.gov/deqduecare</a>.

	NOTICE IS PROVIDED PURSUAN ooth, if applicable)	Г ТО:	R 299.51017		1.20114(1)	
Please	e provide the following informatio	n as comple	tely as possible.			
	ame and location of the property that bstances are emanating from:	at hazardous			relative to tl	
	Name: MI Dept. of Transportatio	n (MDOT) Pa	rcel 5091_COMB		Owner	
	Address: 6100 W. Jefferson Ave.	; 399, 501, 50	03, 521, 525, 531,		Operator	
	599 S. Dragoon St.; 272, 280, 29	2, 310, 314, 3	320 S. Military St.			
	Property Tax Identification Numb	er: 16000021	-7; 16016653-5,			
	16016646-51; 16016528-30, 160	16532, 16016	5533.001, 1601653	33.002L		
	Location: Michigan	City/County:	Detroit/Wayne			
	Latitude (decimal degrees): 42.3	02238 °N	Longitude (	decimal degrees):	-83.09776	37 °W
	Reference Point for Latitude and	Longitude:				
	Center of Site: Mair	/front door:	Front gate/i	main entrance: 🔲	Othe	er: 🗌
	Collection Method: Survey:		nterpolation:	GPS: 🛛		

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

GHÍB MDOT Parcels 5091, 5092, 5356, 5357, 5364, 5720; Part 213 Facility ID 00039168; 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: 304 S. Military Street	Notified? No 🔲	Yes 🛛	Date: <u>May 18, 2018</u>
City/State: Detroit, MI Property Tax ID number: 16016531 Other: Crown Enterprises, Inc.			
Address: 395 S. Dragoon Street City/State: Detroit, MI	Notified? No 🔲	Yes 🛚	Date: <u>May 18, 2018</u>
Property Tax ID number: 16016656 Other: MDOT Parcel 5358	_		
Address: 511 S. Dragoon Street City/State: Detroit, MI Property Tax ID number: 16016652 Other: MDOT Parcel 5355	Notified? No 🗌	Yes <u>⊠</u>	Date: <u>May 18, 2018</u>
Address: 266 S. Military Street City/State: Detroit, MI	Notified? No 🔲	Yes 🛚	Date: <u>May 18, 2018</u>
Property Tax ID number: 16016527 Other: MDOT Parcel 5365	_		
Address: 2 Woodward Avenue, Ste. 611 City/State: Detroit, MI, 48226 Property Tax ID number: NA	Notified? No 🔲	Yes 🛚	Date: <u>May 18, 2018</u>

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to addresses listed in Item 1 above)

Other: City of Detroit (West Jefferson Avenue, South Dragoon Street, South Military Street, and alleys adjacent

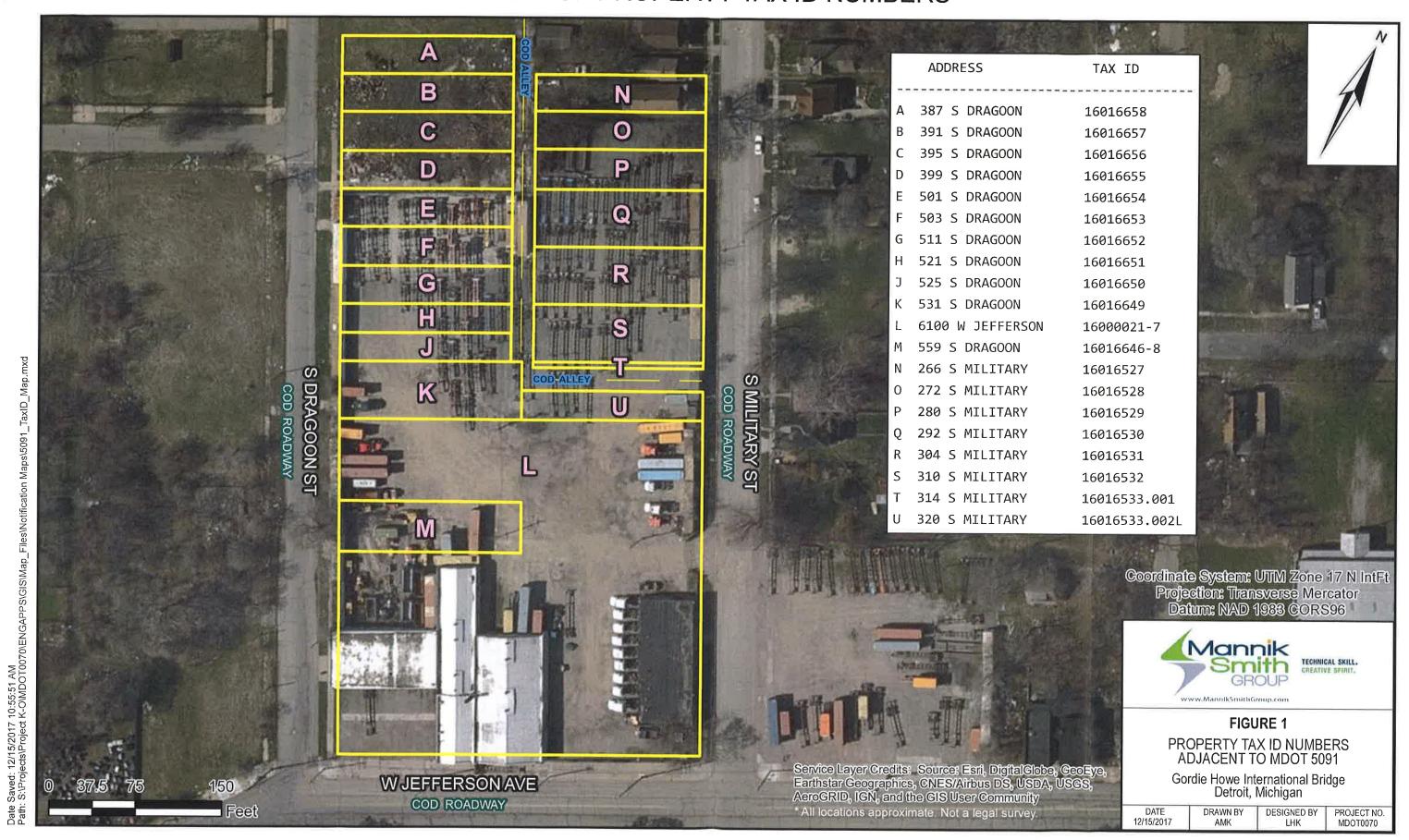


Address: 6425 Huber Street	Notified? No ☐ Yes ☒	Date: May 18, 2018
City/State: Detroit, MI, 48211 Property Tax ID number: NA Other: Detroit Water & Sewerage Department (utility holder) – via email		
Address: One Energy Plaza, Ste. 1935 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Detroit Edison, DTE (utility holder)	Notified? No ☐ Yes ☒	Date: <u>May 18, 2018</u>
Address: 27175 Energy Way City/State: Novi, MI, 48377 Property Tax ID number: NA Other: International Transmission Company (ITC) (utility holder)	Notified? No ☐ Yes ⊠	Date: <u>May 18, 2018</u>
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 ☐ Yes ☒	Date: <u>May 18, 2018</u>
Address: 12775 Lydon Street City/State: Detroit, MI, 48227 Property Tax ID number: NA Other: Comcast/Xfinity (utility holder)	Notified? No ☐ Yes ☒	Date: <u>May 18, 2018</u>
Address: 208 S. Akard Street City/State: Dallas, TX, 75202 Property Tax ID number: NA Other: AT&T Headquarters (utility holder)	Notified? No ☐ Yes ⊠	Date: <u>May 18, 2018</u>
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 ☐ Yes ⊠	Date: <u>May 18, 2018</u>
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 ☐ Yes ☒	Date: <u>May 18, 2018</u>

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

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## MAP OF PROPERTY TAX ID NUMBERS



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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

- 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.
- If the person making this notice has reason to believe that a migrating hazardous substance has affected, or is likely

Ο.	to affect, a private or public water supply, then that water supply must be identifie		nas affected, or is likely		
	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 <i>December 21</i> , 200 (R 299.51017(4)(c))	2?	$\boxtimes$		
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 <i>must</i> receive this notice.)		$\boxtimes$		
13.	Has surface water been affected (R 299.51017(1)? (If yes, please identify the affected surface water body.)				
CE	RTIFICATION:				
bet. rep	h my signature below, I certify that I am the owner of the facility or that I am legally half of the owner or operator named on this form, and that to the best of my knowle resentations are complete and accurate. I understand that intentionally submitting my and may result in fines up to \$25,000 for each violation.	dge and be	elief the above		
Sig	nature (Owner or person legally authorized to bind the person making this report)	Date <u>May 18, 2018</u>			
Nar	me (Typed or Printed) Walter J. Bolt				
Title	(Typed or Printed) Project Manager, Environmental Owners Representative Consultant, Gordie on behalf of Michigan Department of Transportation	Howe Interna	tional Bridge Project,		

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# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

See Item 6 on Page 5 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 Column B Column C

Column E Column E Column F

Column G Column H

Name of hazardous substance.
Chemical Abstract Service (CAS) Number for the hazardous substance.
Chemical Abstract Service (CAS) Number for the hazardous substance.
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.
Sample location for Column C (relate to label on map).
Environmental medium in which concentration reported in Column C was measured (e.g., soil or groundwater).
Distance from point of maximum measured concentration (Column D) to property boundary, in direction of contaminant migration, if known.
Distance from point of maximum measured concentration is unknown, list distance to nearest property boundary, if known.
Concentration of contaminant migration, if known.
Direction of contaminant migration, if known.
Direction of contaminant migration, if known.
Deen measured closest 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.
Sample location for Column H (relate to label on map).
Environmental medium for measurement reported in Column H, if applicable.

Column J Column J

	L Environmental			
	Sample Location	П 101		
	G H Direction of Boundary	Concentration		
	Distance to	Flobelly Boundary		
	Environmental			
	D E Sample Location Environmental for "C" Modium for "C"	) <u>5</u>		
ED TABLE 1	CAS Maximum			
TTACH	B CAS			
PLEASE SEE ATTACHED TABLE 1	A Hazardous Substance			

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

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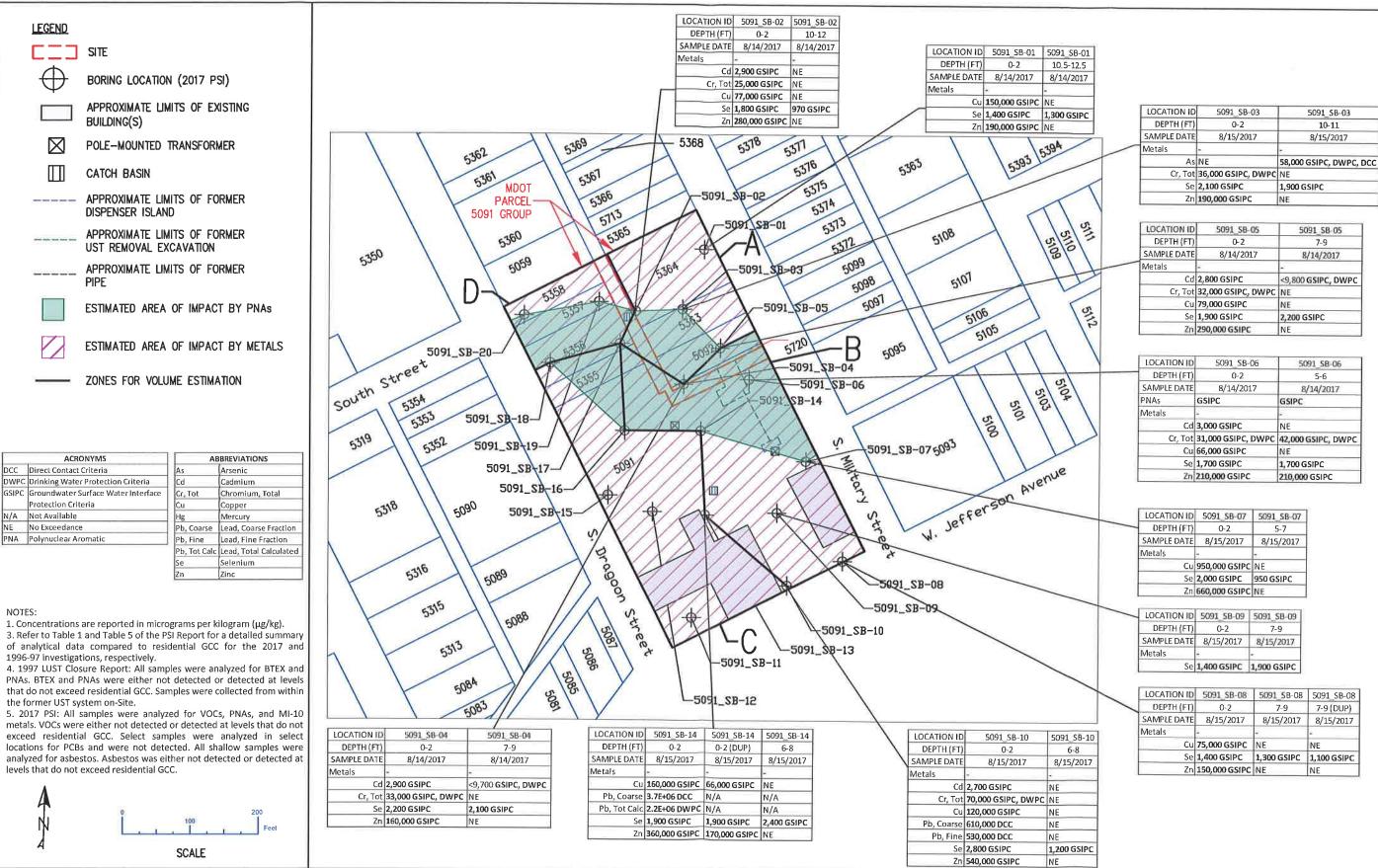
# TABLE 1

# DEQ NOTICE OF MIGRATION ATTACHMENT

-																
7	Environmental Medium for "H"			9		()	Ņ.	Ä		3			0	76	()*)	(0)
_	Sample Location Environmental for "H"			ж	ï	71	ï	1		ű		16	10	9	ě	<u>*</u>
Ξ	Boundary		٠	8	76	\*	28	-SF	124	4	24	74	24	3		34
တ	Direction of	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
ıL	Distance to Property Boundary	25 feet	20 feet	80 feet	5 feet	15 feet	50 feet	5 feet	50 feet	80 feet	20 feet	15 feet				
ш	Environmental Medium for "C"	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
٥	Sample Location for "C"	5091_DUP-1_S_SOM_20170814 *	5091_SB-17_5-7_S_SOM_20170814	5091_SB-16_0-2_S_SOM_20170815	5091_SB-10_0-2_S_SOM_20170815	5091_SB-07_0-2_S_SOM_20170815	5091_SB-14_0-2_S_SOM_20170815	5091_SB-10_0-2_S_SOM_20170815	5091_SB-14_0-2_S_SOM_20170815	5091_SB-16_0-2_S_SOM_20170815	5091_SB-17_5-7_S_SOM_20170814	5091_SB-07_0-2_S_SOM_20170815				
ပ	Maximum Concentration	7,900	34,000	6,700	2,600	40,000	62,000	53,000	70,000	950,000	2,200,000	530,000	3,700,000	420	7,900	000'099
œ	CAS Number	50-32-8	206-44-0	86-73-7	91-20-3	85-01-8	7440-38-2	7440-43-9	7440-47-3	7440-50-8	7439-92-1	7439-92-1	7439-92-1	7439-97-6	7782-49-2	7440-66-6
A	Hazardous Substance	Benzo(a)pyrene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Arsenic	Cadmium	Chromium (Total)	Copper	Lead - Total (calculated)	Lead - Fine Fraction	Lead - Coarse Fraction	Mercury	Selenium	Zinc

Footnote: \* Duplicate sample corresponding to 5091\_SB-18\_0-2\_S\_SOM\_20170814

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DRAWN BY:

W.TRAM

09/14/2017

CHECKED BY:

M.CARRIERE

DATE DRAWN:

09/14/2017

DATE CHECKED:

09/18/2017

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SE

Somat Engineering, Inc. 3031 WEST GRAND BOULEVARD, SUITE 228 DETROIT, MI 48202

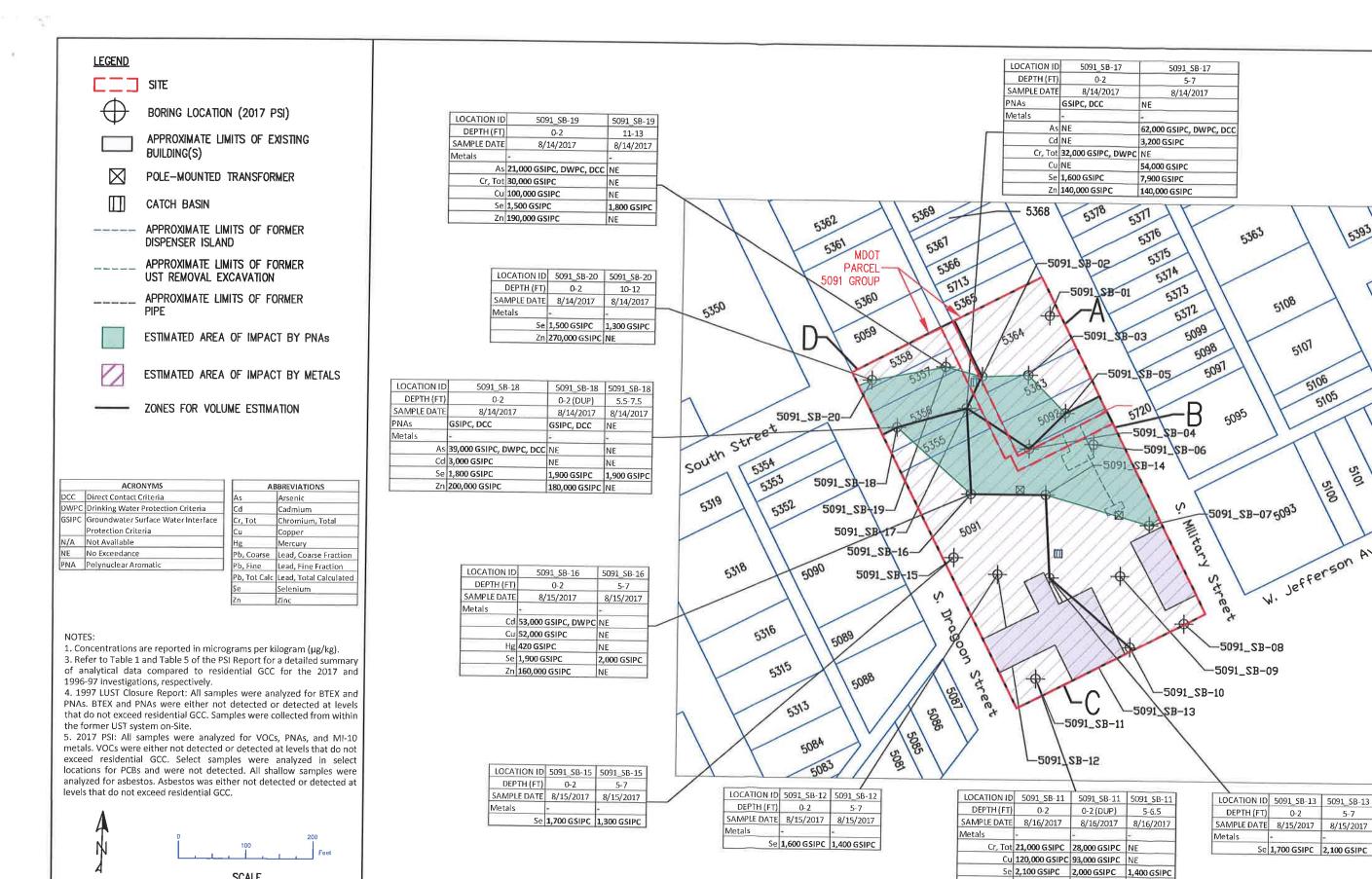
PHONE: (313) 963-2721 FAX: (313) 963-2736 PREPARED FOR:



FIGURE 2

SOIL RESIDENTIAL EXCEEDANCE MAP (PART 1 OF 2)
PRELIMINARY SITE INVESTIGATION

PLAZA AREA MDOT PARCELS 5091/5092/5355/5356/5357/5358/5363/5364/5720 Multiple Addresses off S. Military Street, S. Dragoon Street, & W. Jefferson Avenue Detroit Michigan



DRAWN BY: DATE DRAWN: W.TRAM 09/14/2017 CHECKED BY: DATE CHECKED: M.CARRIERE 09/18/2017

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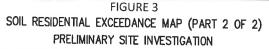
**SCALE** 

Somat Engineering, Inc. 3031 WEST GRAND BOULEVARD, SUITE 228 DETROIT, MI 48202

PHONE: (313) 963-2721 FAX: (313) 963-2736 PREPARED FOR:

Mannik

Smith



0-2

Se 1,700 GSIPC 2,100 GSIPC

5-7

5363

5108

5107

5105

5101

W. Jefferson Avenue

5112

5104

PLAZA AREA MDOT PARCELS 5091/5092/5355/5356/5357/5358/5363/5364/5720 Multiple Addresses off S. Military Street, S. Dragoon Street, & W. Jefferson Avenue Detroit Michigan

Zn 360,000 GSIPC 280,000 GSIPC NE