

November 2, 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 537, 541, 551, 557, 561, 567, 577, 585, 593, 599 S. Post Street, Detroit, MI, Tax ID 18008628-37

(MDOT Parcels 5145, 5146, 5232, 5233)

Potentially toward S. Post Street right-of-way to the west and/or alley right-of-way to the east

Notification No. 5145.5146.5232.5233-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 537, 541, 551, 557, 561, 567, 577, 585, 593, 599 S. Post Street, 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.

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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.

5145.5146.5232.5233.Notice Cover Letter, Detroit DPW, docx

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

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

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/deqduecare, 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/deqduecare.

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THIS NOTICE IS PROVIDED PURSUANT T (check both, if applicable)	O: R 299.51017	⊠ MC	L 324.20114(1)	
Please provide the following information	as completely as possible.			
 Name and location of the property that I substances are emanating from: Name: MI Dept. of Transportation (Address: 537, 541, 551, 557, 561, 5 Location: Michigan City/County: Detroit/Wayne Property Tax Identification Number, 	MDOT) Parcels 5145, 5146 667, 577, 585, 593, 599 S. F	5, 5232, 5233 Post St.	Status relative to (Check one or both, Owner Operator er: 18008628-37	as applicable.)
Latitude (decimal degrees): 42.2979	220 N Longitude	(decimal degr	ees): -83.106942	. W
Reference Point for Latitude and Lo Center of Site: Main/fr		e/main entrance	e: Other	:: <u> </u>
Collection Method: Survey:	Interpolation:	GPS: 🗵	1	

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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 5145, 5146, 5232, & 5233; 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 Rd South City/State: Canton, MI 48188

Address: 605 S. Post St.

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.).

Notified? No Yes Date: November 2, 2017

City/State: Detroit, MI Property Tax ID number: 18008622-7 Other: Detroit Produce Terminal, Attn: Samuel J. Serra, 7201 W. Fort Street, Detroit, MI, 48209			,
Address: 537 S. Post St. City/State: Detroit, MI Property Tax ID number: 18008637 Other: MDOT Parcel 5234	Notified? No	Yes 🗵	Date: November 2, 2017
Address: 2 Woodward Avenue, Ste. 611 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: City of Detroit (S. Post Street and alley adjoining 537, 541, 551, 557, 561, 567, 577, 585, 593, & 599 S. Post St./18008628-37)	Notified? No □	Yes 🛛	Date: November 2, 2017
Address: 735 Randolph City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Detroit Water & Sewerage Department (utility holder)	Notified? No	Yes 🛚	Date: November 2, 2017
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: November 2, 2017

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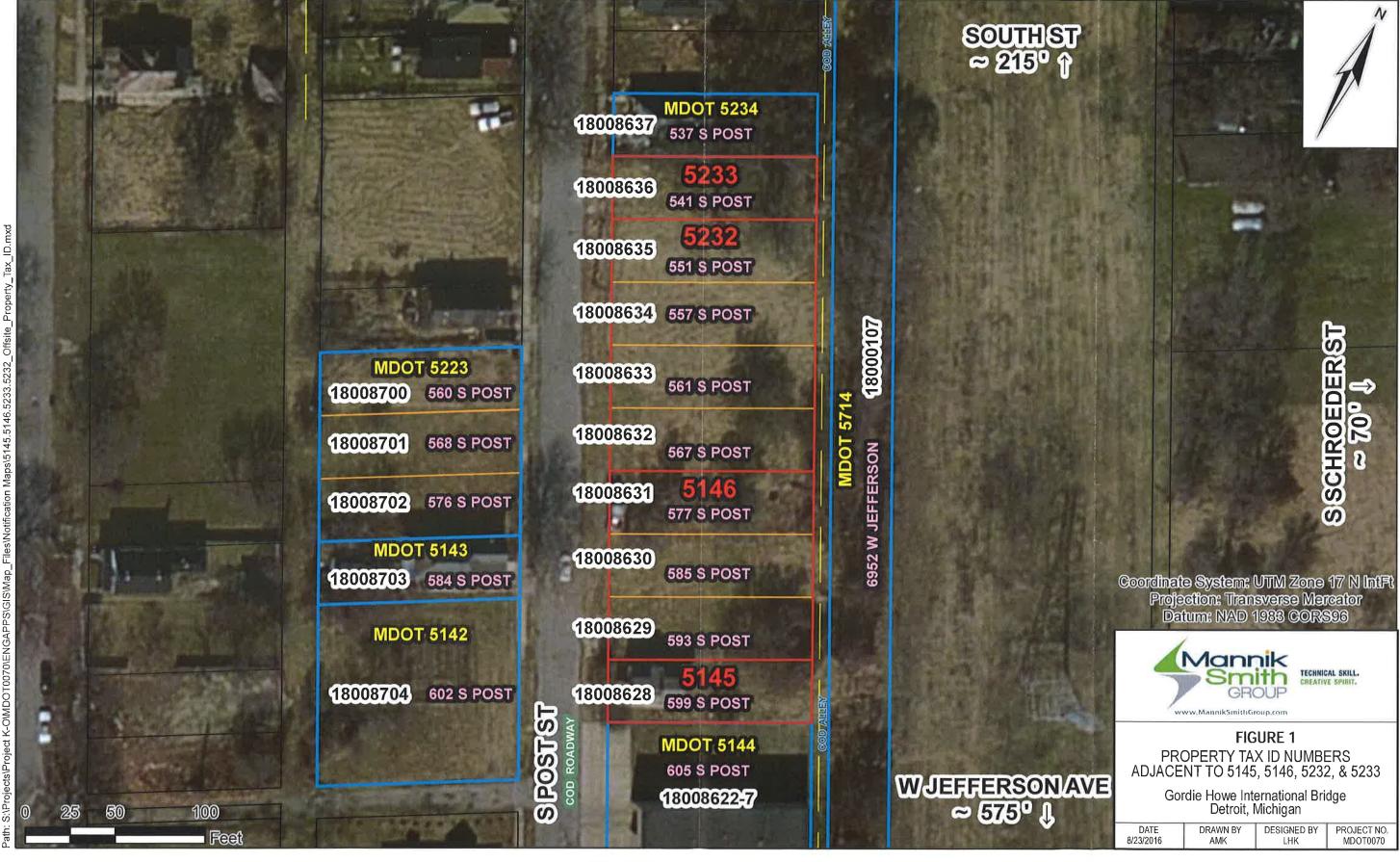


Address: 27175 Energy Way City/State: Novi, MI, 48377 Property Tax ID number: NA Other: International Transmission Company (ITC) (utility holder)	Notified? No ∐	Yes ⊠	Date: November 2, 2017
Address: 735 Randolph Street, Ste. 1900 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Great Lakes Water Authority (utility holder)	Notified? No	Yes 🛚	Date: November 2, 2017
Address: 12775 Lydon Street City/State: Detroit, MI, 48227 Property Tax ID number: NA Other: Comcast/Xfinity (utility holder)	Notified? No	Yes 🛛	Date: November 2, 2017
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: November 2, 2017

(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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5145, 5146, 5232, & 5233

Adja

Adjacent MDOT Parcels



Parcel Boundaries



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 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:

	(1.2)		
	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 $\it December~21,~2002?$ (R 299.51017(4)(c))	17. 17. 17.	
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.)	185	
13.	Has surface water been affected (R 299.51017(1)? (If yes, please identify the affected surface water body.)	3	
CE	RTIFICATION:		
beh repi felo	n my signature below, I certify that I am the owner of the facility or that I am legally au alf of the owner or operator named on this form, and that to the best of my knowledge resentations are complete and accurate. I understand that intentionally submitting fall my and may result in fines up to \$25,000 for that violation. Date	and be	lief the above
Nan	ne (Typed or Printed) Walter Bolt		
Title	(Typed or Printed) Project Manager, Environmental Owners Representative Consultant, Gordie How	e Internati	onal 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. 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 D) to property boundary, in direction of contaminant migration, if known.
Distance from point of maximum measured concentration (Column D) to property boundary, in direction of contaminant migration, if known.
Direction of contaminant migration, 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.
Sample location for Column H (relate to label on map).
Environmental medium for measurement reported in Column H, if applicable.

Column J Column J

SEE ATTACHED TABLE 1 PI FASE

-	-			 	
		Medium for "H"			
		for "H"			
	Н	Migration Concentration			
	G	Migration			
	F Pictoric to	Property Boundary			
	Environmental	Medium for "C"			
	D Sample Location	for "C" Medium for "C"			
- חום	B C	Concentration			
	B o V C	Number			
	A Lezardous Subsection	i azaldoda odbatalice			

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 FIGURE 2

Total Number Samples Collected:

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TABLE 1

DEQ NOTICE OF MIGRATION ATTACHMENT

A	В	ပ	D	ш	Ł	9	=		_
Hazardous Substance	CAS Number	Maximum Concentration	Sample Location for "C"	Environmental Medium for "C"	Distance to Property Boundary	Direction of Migration	Boundary	Sample Location for "H"	Environmental Medium for "H"
Benzene	71-43-20	730	5146_SB08_3-3.5_S_SME_20151118	Soil	52	Unknown			
Acenaphthene	83-32-9	42,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	Y	a)E	i.
Anthracene	120-12-7	61,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown			
Benzo(a)anthracene	56-55-3	85,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown		3140	11.60
Benzo(a)pyrene	50-32-8	73,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown		i ki	186
Benzo(b)fluoranthene	205-99-2	89,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown		34	198
Dibenzo(a,h)anthracene	53-70-3	13,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	10	(*)	ĸ
Fluoranthene	206-44-0	200,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	•0		16
Fluorene	86-73-7	37,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	0		e.
Indeno(1,2,3-cd)pyrene	193-39-5	61,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	((0)		ě
2-Methylnaphthalene	91-57-6	18,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	100	34	1981
Naphthalene	91-20-3	54,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	ia.	4	1 6
Phenanthrene	85-01-8	250,000	5146_SB05_0.5-1_S_SME_20151118	Soil	35'	Unknown	×		5
Arsenic	7440-38-2	100,000	5232_SB-08_5-6_S_SME_20151117	Soil	15'	Unknown	č	(K)	¥
Lead	7439-92-1	1,500,000	5232_SB-04_0.5-1_S_SME_20151117	Soil	40,	Unknown	10	v	
Lead - Total (calculated)	7439-92-1	1,000,000	5232_SB-04_0.5-1_S_SME_20151117	Soil	40,	Unknown		v	Ī
Lead - Fine Fraction	7439-92-1	1,900,000	5232 SB-04 0.5-1_S SME_20151117	Soil	40,	Unknown	700	949	ě
Lead - Coarse Fraction	7439-92-1	620,000	5233_SB-01_0.5-1_S_SME_20151117	Soil	25'	Unknown	334		100
Mercury	7439-97-6	006	5232_SB-09_3.0-3.5_S_SME_20151117	Soil	10,	Unknown	8 4	N/	
Selenium	7782-49-2	890	5232 SB-11 3-3.5 S SME 20151117	Soil	10,	Unknown	14		32

Total Number of Samples Collected: 43

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