



March 13, 2020

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 a portion of 7701 West Jefferson Avenue, Detroit, MI, Tax ID 18000043
(MDOT Acquisition Parcel 5005, Inactive Area)
Potentially toward W. Jefferson Ave. right-of-way; Aggregate Dr. right-of-way; and/or Springwells Ct. right-of-way
Notification No. 5005IA-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 a portion of 7701 W. Jefferson Avenue, 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 Environment, Great Lakes, and Energy ("EGLE") 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 EGLE.

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 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 Steve Hoin of EGLE at 586-753-3815. 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 MDOT at 517-241-9115.

Sincerely,

Walter J. Bolt, CPG
Project Manager

CC: Jim Woodruff – MDOT
Steven Hoin – EGLE RRD Project Manager
Paul Max – General Manager, Environmental Affairs, City of Detroit BSEED
Anita Harrington – Environmental Specialist II, City of Detroit BSEED



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

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 Parcel 5005; BEA ID B201004429LV (Riverview Trenton Railroad Co.); BEA ID B201004430LV (Central Transport); Part 213 Facility ID 00007830 (Yellow Freight System Inc.); Part 213 Facility ID 00014312 (Former Detroit Coke); MERA Site ID 82001593 (Detroit Coke); AOC-ERD-99-005 (Former Allied Chemical Corporation Facility); EPA Handler ID MIK694333063 (GHIB); MERA Site ID 82002800 (GHIB); CNTS-RRD-16-001 (GHIB)
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.).

- | | |
|---|---|
| <p>Address: (remainder of) 7701 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000043
Other: Riverview Trenton Railroad Company & Central Transport, LLC</p> | <p>Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Date: <u>Mar. 13, 2020</u></p> |
| <p>Address: 7100 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000100
Other: MDOT Parcel 5010</p> | <p>Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Date: <u>Mar. 13, 2020</u></p> |
| <p>Address: 7036 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000101
Other: MDOT Parcel 5011_COMB</p> | <p>Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Date: <u>Mar. 13, 2020</u></p> |
| <p>Address: 7014, 7018 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000102-3
Other: MDOT Parcel 5029_5012</p> | <p>Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Date: <u>Mar. 13, 2020</u></p> |
| <p>Address: 7000 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000104
Other: MDOT Parcel 5013</p> | <p>Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Date: <u>Mar. 13, 2020</u></p> |



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDATION AND REDEVELOPMENT DIVISION

Address: 6982 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000105
Other: MDOT Parcel 5027

Notified? No Yes Date: Mar. 13, 2020

Address: 6970 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000106
Other: MDOT Parcel 5028

Notified? No Yes Date: Mar. 13, 2020

Address: 1440 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.015
Other: MDOT Parcel 5004

Notified? No Yes Date: Mar. 13, 2020

Address: 1460 & 1420 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.014 & -.016
Other: City of Detroit Economic Development Corp.

Notified? No Yes Date: Mar. 13, 2020

Address: 1460 & 1420 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.014 & -.016
Other: City of Detroit Planning and Development Dept.

Notified? No Yes Date: Mar. 13, 2020

Address: 1460 & 1420 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.014 & -.016
Other: Honeywell International Inc. (potential easement or other interest holder)

Notified? No Yes Date: Mar. 13, 2020

Address: 1460 & 1420 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.014 & -.016
Other: Minergy LLC / Minergy Detroit LLC (potential easement or other interest holder)

Notified? No Yes Date: Mar. 13, 2020

Address: 1460 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.014
Other: United States Steel Corporation (potential interest holder)

Notified? No Yes Date: Mar. 13, 2020

Address: 1460 Springwells Ct.
City/State: Detroit, MI
Property Tax ID number: 18000044.014
Other: Delray Connecting Railroad Company (potential easement or other interest holder)

Notified? No Yes Date: Mar. 13, 2020

Address: 6635 W. Jefferson Ave.
City/State: Detroit, MI
Property Tax ID number: 18000042.002L
Other: DTE Electric Company

Notified? No Yes Date: Mar. 13, 2020



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

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: Mar. 13, 2020

Address: 27700 Donald Court
City/State: Warren, MI, 48092-2793
Property Tax ID number: NA
Other: EGLE, Warren District Office
Office of Drinking Water & Municipal Assistance Division

Notified? No Yes Date: Mar. 13, 2020

Address: 2 Woodward Avenue, Ste. 611
City/State: Detroit, MI, 48226
Property Tax ID number: NA
Other: City of Detroit (W. Jefferson Avenue, Aggregate Drive,
and Springwells Court adjacent to 7701 W. Jefferson Ave. /
1800043)

Notified? No Yes Date: Mar. 13, 2020

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: Mar. 13, 2020

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: Mar. 13, 2020

Address: 12775 Lydon Street
City/State: Detroit, MI, 48227
Property Tax ID number: NA
Other: Comcast/Xfinity (utility holder)

Notified? No Yes Date: Mar. 13, 2020

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: Mar. 13, 2020

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 Yes Date: Mar. 13, 2020

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: Mar. 13, 2020

(Attach additional pages as needed) **PLEASE SEE ATTACHED FIGURE 1**



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 3/13/2020

Name (Typed or Printed) Walter J. Bolt

Title (Typed or Printed) Project Manager, Environmental Owners Representative Consultant, Gordie Howe International Bridge Project, on behalf of Michigan Department of Transportation



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDATION 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 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 FIGURE 1**

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"
1,1,1-Trichloroethane	71-55-6	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,1,2-Trichloroethane	79-00-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,1,2-Trichlorotrifluoroethane	76-13-1	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,1-Dichloroethene	75-35-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2,4-Trichlorobenzene	120-82-1	230,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2,4-Trimethylbenzene	95-63-6	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2-Dichloroethane	106-93-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2-Dichlorobenzene	95-50-1	3,900,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2-Dichloroethane	107-06-2	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2-Dichloropropane	78-87-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,3,5-Trimethylbenzene	108-67-8	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,3-Dichlorobenzene	541-73-1	310,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,4-Dichlorobenzene	106-46-7	790,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
2,4,6-Trichlorophenol	88-06-2	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
2,4-Dichlorophenol	120-83-2	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
2,4-Dimethylphenol	105-67-9	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
2,4-Dinitrotoluene	121-14-2	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
2-Chlorophenol	95-57-8	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
2-Methylnaphthalene	91-57-6	6,200	5005_SB-70_3-5_S_MSG_20200204	Soil	70 feet	Unknown	-	-	-
2-Nitrophenol	88-75-5	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
3,3-Dichlorobenzidine	91-94-1	72,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
4,6-Dinitro-2-methylphenol	534-52-1	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
4-Chloro-3-methylphenol	59-50-7	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Acenaphthene	83-32-9	12,000	5005_SB-41_1-3_S_MSG_20200201	Soil	60 feet	Unknown	-	-	-
Acenaphthylene	208-96-8	12,000	5005_SB-17B_8-10_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Aluminum	7429-90-5	22,000	5005_SB-13_5-6_S_SUP_20181102	Soil	155 feet	Unknown	-	-	-
Aniline	62-53-3	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Anthracene	120-12-7	120,000	5005_SB-70_3-5_S_MSG_20200204	Soil	70 feet	Unknown	-	-	-
Arsenic	7440-38-2	49	5005_SB-19_1-3_S_MSG_20200203	Soil	30 feet	Unknown	-	-	-
Altrazine	1912-24-9	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Benzene	71-43-2	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Benz(a)anthracene	56-55-3	86,000	5005_SB-16_0-2_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Benzo(a)pyrene	50-32-8	76,000	5005_SB-16_0-2_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Benzo(b)fluoranthene	205-99-2	100,000	5005_SB-16_0-2_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Bis(2-chloroethyl)ether	111-44-4	14,000	5005_SB-16_12-14_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Bromodichloromethane	75-27-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Bromoform	75-25-2	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Bromomethane	74-83-9	14,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Carbazole	86-74-8	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Carbon tetrachloride	56-23-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Chlorobenzene	108-90-7	16,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Chloroethane	75-00-3	14,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Chloroform	67-66-3	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Chloromethane	74-87-3	14,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Chromium	7440-47-3	160	5005_SB-70_3-5_S_MSG_20200204	Soil	70 feet	Unknown	-	-	-

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"
cis-1,2-Dichloroethene	156-58-2	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
cis-1,3-Dichloropropene	10061-01-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Cobalt	7440-48-4	14	5005_SB-16_22-24_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Cyanide, Available	57-12-5	57,000	5005_SB-23_3-5-4-5_S_MSG_20200203	Soil	35 feet	Unknown	-	-	-
Cyanide, Total	57-12-5	3,100	5005_SB-09_13-14_S_SUP_20181101	Soil	10 feet	Unknown	-	-	-
Dibenz(a,h)anthracene	53-70-3	13,000	5005_SB-16_0-2_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Dibenzofuran	132-64-9	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Dibromochloromethane	124-48-1	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Diethyl phthalate	84-66-2	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Di-n-butyl phthalate	84-74-2	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Ethylbenzene	100-41-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Fluoranthene	206-44-0	180,000	5005_SB-16_0-2_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Fluorene	86-73-7	23,000	5005_SB-17B_8-10_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Hexachlorobenzene	118-74-1	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Hexachlorobutadiene	87-68-3	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Hexachloroethane	67-72-1	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	60,000	5005_SB-16_0-2_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Iron	7439-89-6	60,000	5005_SB-17A_4-6_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Isophorone	78-59-1	72,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Isopropylbenzene	98-82-8	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Lead	7439-92-1	1,800	5005_SB-09_1-2_S_SUP_20181101	Soil	10 feet	Unknown	-	-	-
Magnesium	7439-95-4	31,000	5005_SB-15_5-6_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Manganese	7439-96-5	5,500	5005_SB-70_3-5_S_MSG_20200204	Soil	70 feet	Unknown	-	-	-
Mercury	7439-97-6	23	5005_SB-76_1-3_S_MSG_20200204	Soil	105 feet	Unknown	-	-	-
Methyl tert-butyl ether	1634-04-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Methylene chloride	75-09-2	42,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Naphthalene	91-20-3	37,000	5005_SB-70_3-5_S_MSG_20200204	Soil	70 feet	Unknown	-	-	-
Naphthalene	91-20-3	37,000	5005_SB-68_3-5_S_MSG_20200206	Soil	45 feet	Unknown	-	-	-
Nitrobenzene	98-95-3	72,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
N-Nitrosodipropylamine	621-64-7	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
N-Nitrosodiphenylamine	86-30-6	14,000	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Pentachlorophenol	87-86-5	6,500	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.37	5005_SB-99_1-3_S_MSG_20200205	Soil	150 feet	Unknown	-	-	-
Phenanthrene	85-01-8	150,000	5005_SB-70_3-5_S_MSG_20200204	Soil	70 feet	Unknown	-	-	-
Phenol	108-95-2	14,000.00	5005_SB-17A_0-2_S_SUP_20181102	Soil	45 feet	Unknown	-	-	-
Selenium	7782-49-2	4.5	5005_SB-68_3-5_S_MSG_20200206	Soil	45 feet	Unknown	-	-	-
Silver	7440-22-4	1.9	5005_SB-65_1-3_S_MSG_20200205	Soil	20 feet	Unknown	-	-	-
Silver	7440-22-4	1.9	5005_SB-01_1-2_S_SUP_20181031	Soil	15 feet	Unknown	-	-	-
Silver	7440-22-4	1.9	5005_SB-01_13-14_S_SUP_20181031	Soil	15 feet	Unknown	-	-	-
Styrene	100-42-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Tetrachloroethene	127-18-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
trans-1,2-Dichloroethene	156-60-5	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
trans-1,3-Dichloropropene	10061-02-6	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Trichloroethene	79-01-6	350,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Vinyl chloride	75-01-4	4,100	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
Xylenes, Total	1330-20-7	14,000	5005_SB-16_12-14_S_SUP_20181102	Soil	70 feet	Unknown	-	-	-
1,2-Dichlorobenzene	95-50-1	990	5005_SB-27_8-13_GW_MSG_20200204	Groundwater	25 feet	Unknown	-	-	-

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"
1,3-Dichlorobenzene	541-73-1	6.8	5005_SB-51_8-13_GW_MSG_20200203	Groundwater	40 feet	Unknown	-	-	-
1,4-Dichlorobenzene	106-46-7	160	5005_SB-27_8-13_GW_MSG_20200204	Groundwater	25 feet	Unknown	-	-	-
Aluminum	7429-90-5	220,000.0	5005_SB-14_5-10_GW_SUP_20181102	Groundwater	140 feet	Unknown	-	-	-
Anlimony	7440-36-0	23	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Arsenic	7440-38-2	280	5005_SB-27_8-13_GW_MSG_20200204	Groundwater	25 feet	Unknown	-	-	-
Benzene	71-43-2	21	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Beryllium	7440-41-7	17	5005_SB-14_5-10_GW_SUP_20181102	Groundwater	140 feet	Unknown	-	-	-
Chlorobenzene	108-90-7	28	5005_SB-51_8-13_GW_MSG_20200203	Groundwater	40 feet	Unknown	-	-	-
Chromium	7440-47-3	270	5005_SB-14_5-10_GW_SUP_20181102	Groundwater	140 feet	Unknown	-	-	-
cis-1,2-Dichloroethene	156-59-2	590	5005_SB-27_8-13_GW_MSG_20200204	Groundwater	25 feet	Unknown	-	-	-
Cobalt	7440-48-4	110	5005_SB-14_5-10_GW_SUP_20181102	Groundwater	140 feet	Unknown	-	-	-
Copper	7440-50-8	1,300	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Cyanide, Amenable	CN_AMIEN	3,700	5005_DUP-01_10-15_GW_MSG_20200203**	Groundwater	45 feet	Unknown	-	-	-
Fluoranthene	206-44-0	10	5005_SB-73_8-13_GW_MSG_20200204	Groundwater	155 feet	Unknown	-	-	-
Iron	7439-89-6	350,000	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Lead	7439-92-1	1,700	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Manganese	7439-96-5	8,400	5005_SB-14_5-10_GW_SUP_20181102	Groundwater	140 feet	Unknown	-	-	-
Mercury	7439-97-6	7.1	5005_SB-12_7-12_GW_SUP_20181102	Groundwater	75 feet	Unknown	-	-	-
Naphthalene	91-20-3	64	5005_SB-51_8-13_GW_MSG_20200203	Groundwater	40 feet	Unknown	-	-	-
Naphthalene	91-20-3	64	5005_SB-51_8-13_GW_MSG_20200203	Groundwater	40 feet	Unknown	-	-	-
Nickel	7440-02-0	210	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Phenanthrene	85-01-8	16	5005_SB-73_8-13_GW_MSG_20200204	Groundwater	155 feet	Unknown	-	-	-
Selenium	7782-49-2	7.4	5005_SB-09_10-15_GW_SUP_20200205	Groundwater	150 feet	Unknown	-	-	-
Silver	7440-22-4	1.4	5005_SB-73_8-13_GW_MSG_20200204	Groundwater	155 feet	Unknown	-	-	-
Sulfate	14808-79-8	1,900,000	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-
Trichloroethene	79-01-6	300	5005_SB-27_8-13_GW_MSG_20200204	Groundwater	25 feet	Unknown	-	-	-
Vanadium	7440-62-2	300	5005_SB-09_10-15_GW_SUP_20181102	Groundwater	10 feet	Unknown	-	-	-

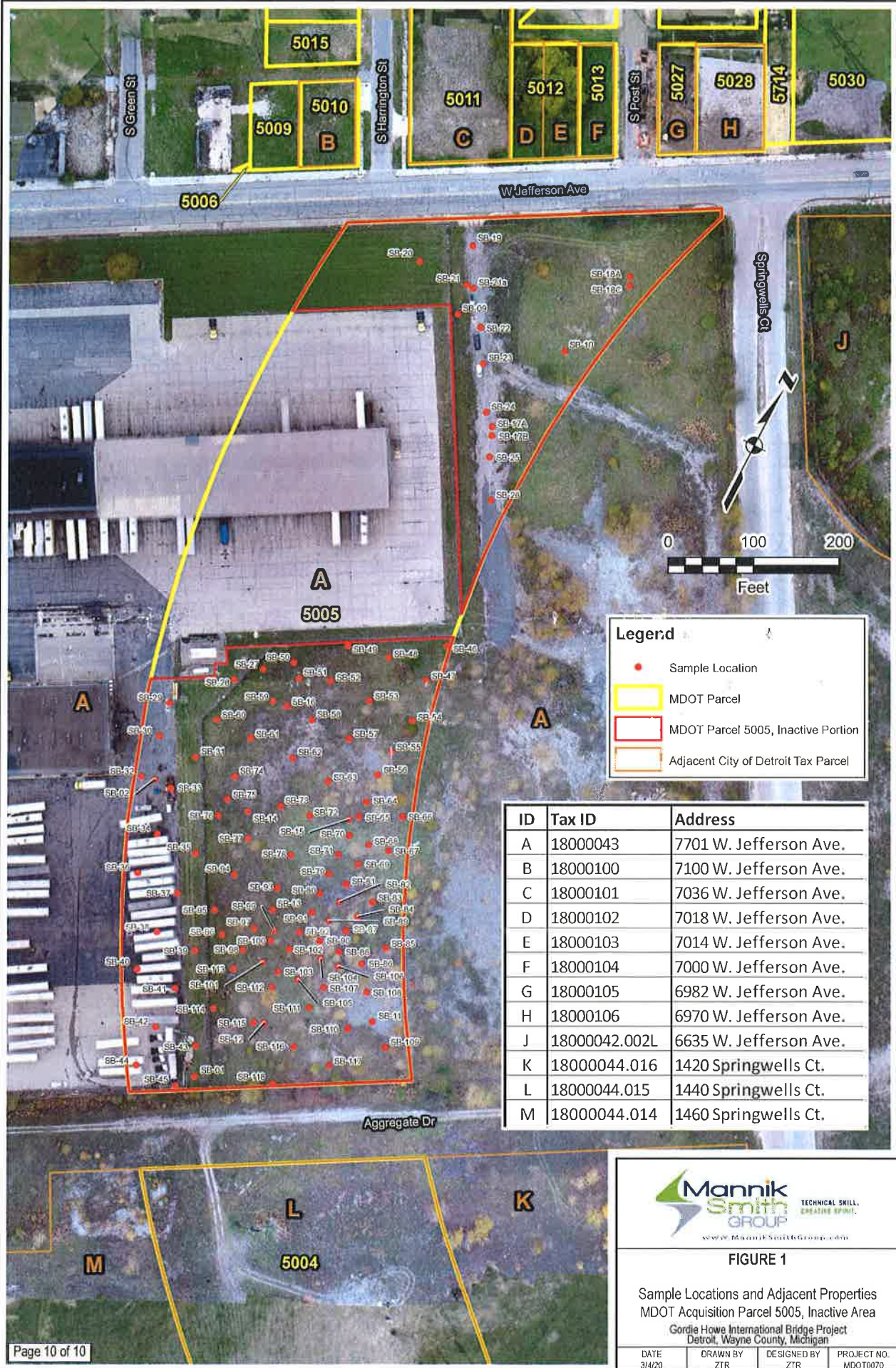
Total Number of Samples Collected: 195 soil, 10 groundwater

Total Number of Samples Exceeding Criteria: 195 soil, 10 groundwater

Footnotes:

* Maximum concentration expressed in parts per billion (ug/L or ug/Kg)

** Duplicate sample corresponding to 5005_SB-20_10-15_GW_MSG_20200203



Legend

- Sample Location
- MDOT Parcel
- MDOT Parcel 5005, Inactive Portion
- Adjacent City of Detroit Tax Parcel

ID	Tax ID	Address
A	18000043	7701 W. Jefferson Ave.
B	18000100	7100 W. Jefferson Ave.
C	18000101	7036 W. Jefferson Ave.
D	18000102	7018 W. Jefferson Ave.
E	18000103	7014 W. Jefferson Ave.
F	18000104	7000 W. Jefferson Ave.
G	18000105	6982 W. Jefferson Ave.
H	18000106	6970 W. Jefferson Ave.
J	18000042.002L	6635 W. Jefferson Ave.
K	18000044.016	1420 Springwells Ct.
L	18000044.015	1440 Springwells Ct.
M	18000044.014	1460 Springwells Ct.



FIGURE 1

Sample Locations and Adjacent Properties
 MDOT Acquisition Parcel 5005, Inactive Area
 Gordie Howe International Bridge Project
 Detroit, Wayne County, Michigan

DATE 3/4/20	DRAWN BY ZTR	DESIGNED BY ZTR	PROJECT NO. MDOT0070
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