



January 27, 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 7106 South St., Detroit, MI, Tax ID 18000231-4 (MDOT Parcel 5320)
Potentially toward right-of-ways of S. Green St., S. Post St., and South St. adjoining 7106 South St. (18000231-4); S. Harrington St. and alleys south of South St. between S. Post St. and S. Green St., adjoining 507 S. Post St. (18008642), 500 S. Post St. (18008669-89), 7015 South St. (18008690), 7031 South St. (18008744), 7041 South St. (18008743), 504 S. Harrington St. (18008804), and 501 S. Green St. (18008870-89); and easement(s) in vacated S. Harrington St., Green Place, and alley within current 7106 South St. parcel
Notification No. 5320-ROW

Dear City Engineering & Street Maintenance Divisions:

The Mannik Smith Group, Inc. ("MSG"), on behalf of the Michigan Department of Transportation ("MDOT"), has directed or conducted underground environmental testing at 7106 South Street, Detroit, Michigan ("the Site") in relation to the Gordie Howe International Bridge project underway in the vicinity of the right-of-ways and vacated right-of-ways with utility easements referenced above ("your property").

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 your property has 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 115 or Jim Woodruff of the MDOT at 517-241-9115.

Sincerely,

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

CC: Jim Woodruff – MDOT
Karen Williams – MDEQ RRD Project Manager
Raymond A. Scott – City of Detroit General Manager
LaReina E. Wheeler – City of Detroit Buildings, Safety Engineering and Environmental Department

TECHNICAL SKILL.
CREATIVE SPIRIT.

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5320.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 5320
(formerly Mean Properties LLC)
Address: 7106 South Street
Location: South St. between Green St. & Post St.
City/County: Detroit / Wayne County
Property Tax Identification Number, or if applicable, the ward and item number: 18000231-4

Owner
Operator

Latitude (decimal degrees): 42.303964195°N Longitude (decimal degrees): 83.086531882°W

Reference Point for Latitude and Longitude:
Center of Site: Main/front door: Front gate/main entrance: Other:
Collection Method: Survey: Interpolation: GPS:



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

Part 213 Facility ID 00033609 BEA No. 200502780LV GHIB MDOT Parcel 5320

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
Telephone Number: 734-397-3100 x. 115

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: 161 S. Green Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008890
Other: Current owner: Consolidated Rail Corporation

Address: 507 / 511 S. Post Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008642
Other: New Day Church of Deliverance, Attn: Linda King

Address: 6994 South St. Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18000235
Other: Michigan Land Bank Fast Track Authority

Address: 245 S. Post Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008643
Other: Current owner: Consolidated Rail Corporation

Address: 201 S. Post Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008644.001
Other: City Of Detroit Planning & Development Department (P&DD)



Address: 7031 South St. Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008744
Other: City of Detroit P&DD

Address: 7015 South St. Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008690
Other: City of Detroit P&DD

Address: 500 S. Post Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008669-89
Other: City of Detroit P&DD

Address: 7041 South St. Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008743
Other: City of Detroit P&DD

Address: 504 S. Harrington St. Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008804
Other: City of Detroit P&DD

Address: 501 S. Green St. Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI
Property Tax ID number: 18008870-89
Other: City of Detroit P&DD

Address: Coleman A. Young Municipal Center, Notified? No Yes Date: January 26, 2017
2 Woodward Ave., Ste 611
City/State: Detroit, MI 48226
Property Tax ID number: NA
Other: City of Detroit DPW right-of-ways of S. Green Street, S. Post Street, and South Street adjoining 7106 South Street (18000231-4); S. Harrington Street and alleys south of South Street between S. Post Street and S. Green Street, adjoining 507 S. Post Street (18008642), 500 S. Post Street (18008669-89), 7015 South Street (18008690), 7031 South Street (18008744), 7041 South Street (18008743), 504 S. Harrington Street (18008804), and 501 S. Green Street (18008870-89), and easement(s) in vacated S. Harrington Street, Green Place, and alley within current 7106 South Street parcel

Address: 735 Randolph Street Notified? No Yes Date: January 26, 2017
City/State: Detroit, MI 48226
Property Tax ID number: NA
Other: Detroit Water and Sewerage (easement and utility holder)



Address: 1 Energy Plaza, Suite 1935
City/State: Detroit, MI 48226
Property Tax ID number: NA
Other: Detroit Edison / DTE (easement and utility holder)

Notified? No Yes Date: January 26, 2017

Address: 27175 Energy Way
City/State: Novi, MI 48377
Property Tax ID number: NA
Other: International Transmission Company / ITC
(easement and utility holder)

Notified? No Yes Date: January 26, 2017

Address: 735 Randolph Street, Suite 1900
City/State: Detroit, MI 48226
Property Tax ID number: NA
Other: Great Lakes Water Authority (easement and utility holder)

Notified? No Yes Date: January 26, 2017

Address: 208 S. Akard Street
City/State: Dallas, TX 75202
Property Tax ID number: NA
Other: AT&T Headquarters (utility holder)

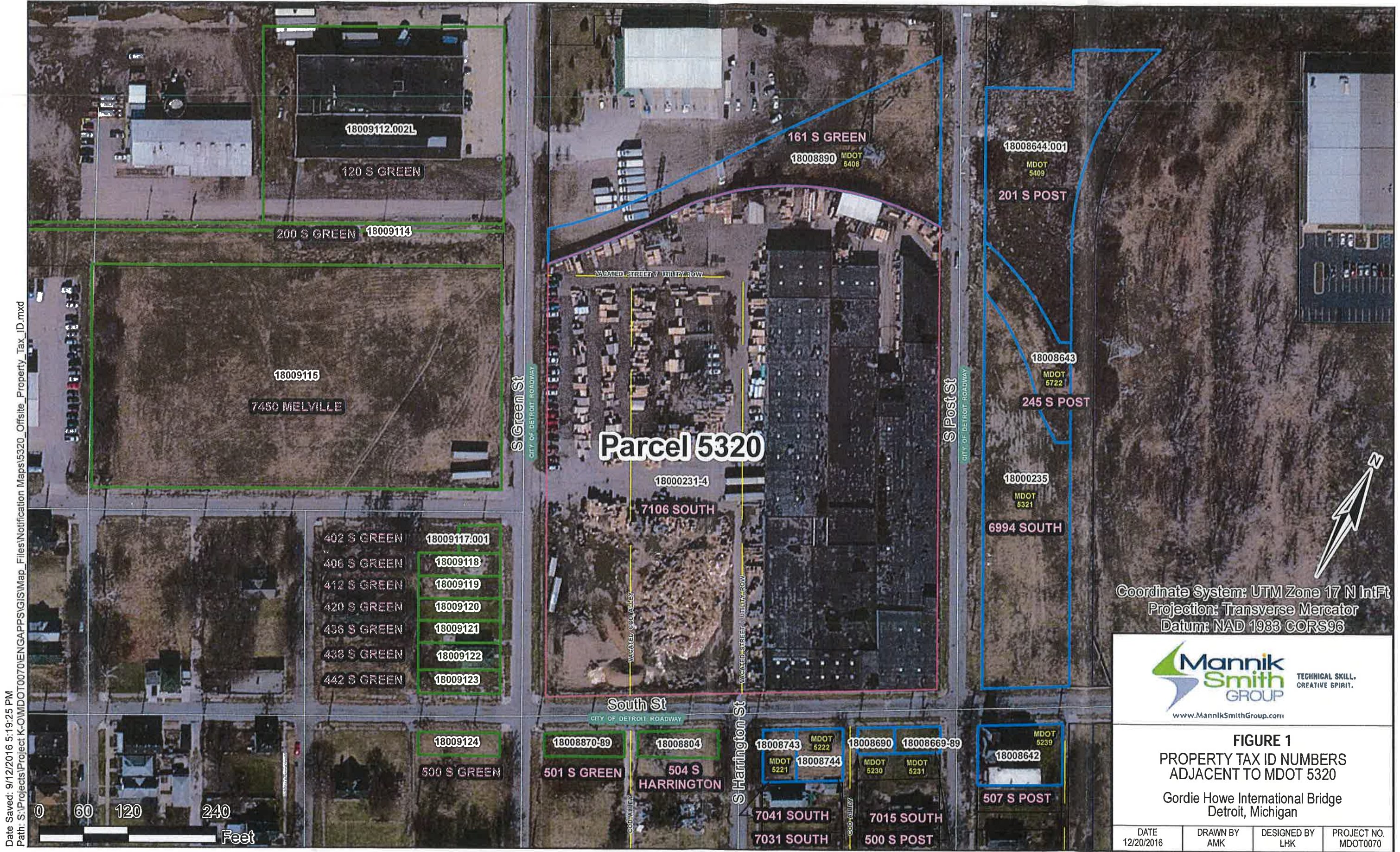
Notified? No Yes Date: January 26, 2017

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

Notified? No Yes Date: January 26, 2017

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

MAP OF PROPERTY TAX ID NUMBERS



Date Saved: 9/12/2016 5:19:25 PM
 Path: S:\Projects\Project K-OMDOT0070\ENGAPP\GIS\Map_Files\Notification Maps\5320_Offsite_Property_Tax_ID.mxd

5320
 Adjacent Offsite Parcels
 Adjacent MDOT Parcels



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 <i>December 21, 2002</i> ? (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 1/26/2017
(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 Bridge Project



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDICATION AND REDEVELOPMENT DIVISION

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 ⁽¹⁾	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	74,000	5320_SB-36_8-10_S_SOM_20160912	Soil	15'	-	-	-	-
Isopropylbenzene (Cumene)	98-82-8	34,000	5320_SB-36_8-10_S_SOM_20160912	Soil	15'	-	-	-	-
Tetrachloroethylene	127-18-4	140	5320_SB-11_0-2_S_SOM_20160517	Soil	75'	-	-	-	-
Total Xylenes	1330-20-7	460,000	5320_SB-36_8-10_S_SOM_20160912	Soil	15'	-	-	-	-
Acenaphthene	83-32-9	87,000	5320_Dup-1_S_SOM_20160518 ⁽²⁾	Soil	15'	-	-	-	-
Acenaphthylene	208-96-8	26,000	5320_SB-07_8.5-9.5_S_SOM_20160518	Soil	15'	-	-	-	-
Anthracene	120-12-7	55,000	5320_Dup-1_S_SOM_20160518 ⁽²⁾	Soil	15'	-	-	-	-
Benzo(a)anthracene	56-55-3	45,000	5320_SB-19_12.5-14_S_SOM_20160516	Soil	65'	-	-	-	-
Benzo(b)fluoranthene	205-99-2	47,000	5320_SB-19_12.5-14_S_SOM_20160516	Soil	65'	-	-	-	-
Benzo(a)pyrene	50-32-8	41,000	5320_SB-19_12.5-14_S_SOM_20160516	Soil	65'	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	7,800	5320_DUP-1_S_SOM_20160517 ⁽³⁾	Soil	70'	-	-	-	-
Fluoranthene	206-44-0	120,000	5320_SB-19_12.5-14_S_SOM_20160516	Soil	65'	-	-	-	-
Fluorene	86-73-7	55,000	5320_Dup-1_S_SOM_20160518 ⁽²⁾	Soil	15'	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	27,000	5320_SB-19_12.5-14_S_SOM_20160516	Soil	65'	-	-	-	-
2-Methylnaphthalene	91-57-6	18,000	5320_Dup-1_S_SOM_20160518 ⁽²⁾	Soil	15'	-	-	-	-
Naphthalene	91-20-3	380,000	5320_Dup-1_S_SOM_20160518 ⁽²⁾	Soil	15'	-	-	-	-
Phenanthrene	85-01-8	160,000	5320_Dup-1_S_SOM_20160518 ⁽²⁾	Soil	15'	-	-	-	-
Arsenic	7440-38-2	68,000	5320_SB-13_6-8_S_SOM_20160517	Soil	70'	-	-	-	-
Chromium (Total)	7440-47-3	9,100,000	5320_SB-14_0-2_S_SOM_20160517	Soil	20'	-	-	-	-
Chromium (Hexavalent)	18540-29-9	7,200	5320_SB-31_0-2_S_SOM_20160909	Soil	70'	-	-	-	-
Copper	7440-50-8	1,000,000	5320_SB-19_0-2_S_SOM_20160516	Soil	65'	-	-	-	-
Lead - Total (calculated)	7439-92-1	880,000	5320_SB-16_0-2_S_SOM_20160516	Soil	70'	-	-	-	-
Lead - Fine Fraction	7439-92-1	20,000	5320_SB-16_0-2_S_SOM_20160516	Soil	70'	-	-	-	-
Lead - Coarse Fraction	7439-92-1	990,000	5320_SB-16_0-2_S_SOM_20160516	Soil	70'	-	-	-	-
Mercury	7439-97-6	3,000	5320_SB-13_6-8_S_SOM_20160517	Soil	70'	-	-	-	-
Selenium	7782-49-2	6,900	5320_DUP-1_S_SOM_20160517 ⁽³⁾	Soil	70'	-	-	-	-
Silver	7440-22-4	1,600	5320_SB-17_2-4_S_SOM_20160516	Soil	30'	-	-	-	-
Zinc	7440-66-6	3,800,000	5320_SB-19_0-2_S_SOM_20160516	Soil	65'	-	-	-	-
Cyanide (Total)	57-12-5	16,000,000	5320_SB-33_0-2_S_SOM_20160909	Soil	125'	-	-	-	-
Benzene	71-43-2	320	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Benzo(a)anthracene	56-55-3	27,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Benzo(b)fluoranthene	205-99-2	32,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Benzo(a)pyrene	50-32-8	13,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	4,400	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Fluoranthene	206-44-0	58,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Naphthalene	91-20-3	20,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Phenanthrene	85-01-8	43,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Arsenic	7440-38-2	40,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Chromium (Total)	7440-47-3	180,000	5320_DP-03_0-2_S_SOM_20160519	Debris pile	80'	-	-	-	-
Copper	7440-50-8	250,000	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Mercury	7439-97-6	920	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Selenium	7782-49-2	4,100	5320_DP-05_0-2_S_SOM_20160519	Debris pile	75'	-	-	-	-
Silver	7440-22-4	1,400	5320_DP-03_0-2_S_SOM_20160519	Debris pile	80'	-	-	-	-
Zinc	7440-66-6	1,000,000	5320_DP-03_0-2_S_SOM_20160519	Debris pile	80'	-	-	-	-
Cyanide (Total)	57-12-5	8,900,000	5320_SS-05_0-2_S_SOM_20160912	Debris pile	10'	-	-	-	-

TABLE 1 - DEQ NOTICE OF MIGRATION ATTACHMENT

A	B	C	D	E	F	G ⁽¹⁾	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	49	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Total Xylenes	1330-20-7	150	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Acenaphthene	83-32-9	65	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Benzo(a)anthracene	56-55-3	11	5320_SB-07_4.5-9.5_GW_SOM_20160518 & 5320_Dup-1_GW_SOM_20160518 ⁽⁴⁾	Groundwater	15'	-	-	-	-
Benzo(b)fluoranthene	205-99-2	7.8	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Benzo(k)fluoranthene	207-08-9	3.0	5320_Dup-1_GW_SOM_20160518 ⁽⁴⁾	Groundwater	15'	-	-	-	-
Benzo(g,h,i)perylene	191-24-2	3.9	5320_Dup-1_GW_SOM_20160518 ⁽⁴⁾	Groundwater	15'	-	-	-	-
Benzo(a)pyrene	50-32-8	8.5	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Chrysene	218-01-9	10	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Fluoranthene	206-44-0	22	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Fluorene	86-73-7	46	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	3.5	5320_SB-07_4.5-9.5_GW_SOM_20160518 & 5320_Dup-1_GW_SOM_20160518 ⁽⁴⁾	Groundwater	15'	-	-	-	-
Naphthalene	91-20-3	590	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Phenanthrene	85-01-8	88	5320_SB-07_4.5-9.5_GW_SOM_20160518	Groundwater	15'	-	-	-	-
Cyanide (Amenable)	57-12-5	1,700	5320_DUP-1_GW_SOM_20160517 ⁽⁵⁾	Groundwater	75'	-	-	-	-

Total Number of Samples Collected: 85 soil, 10 debris pile, 8 groundwater

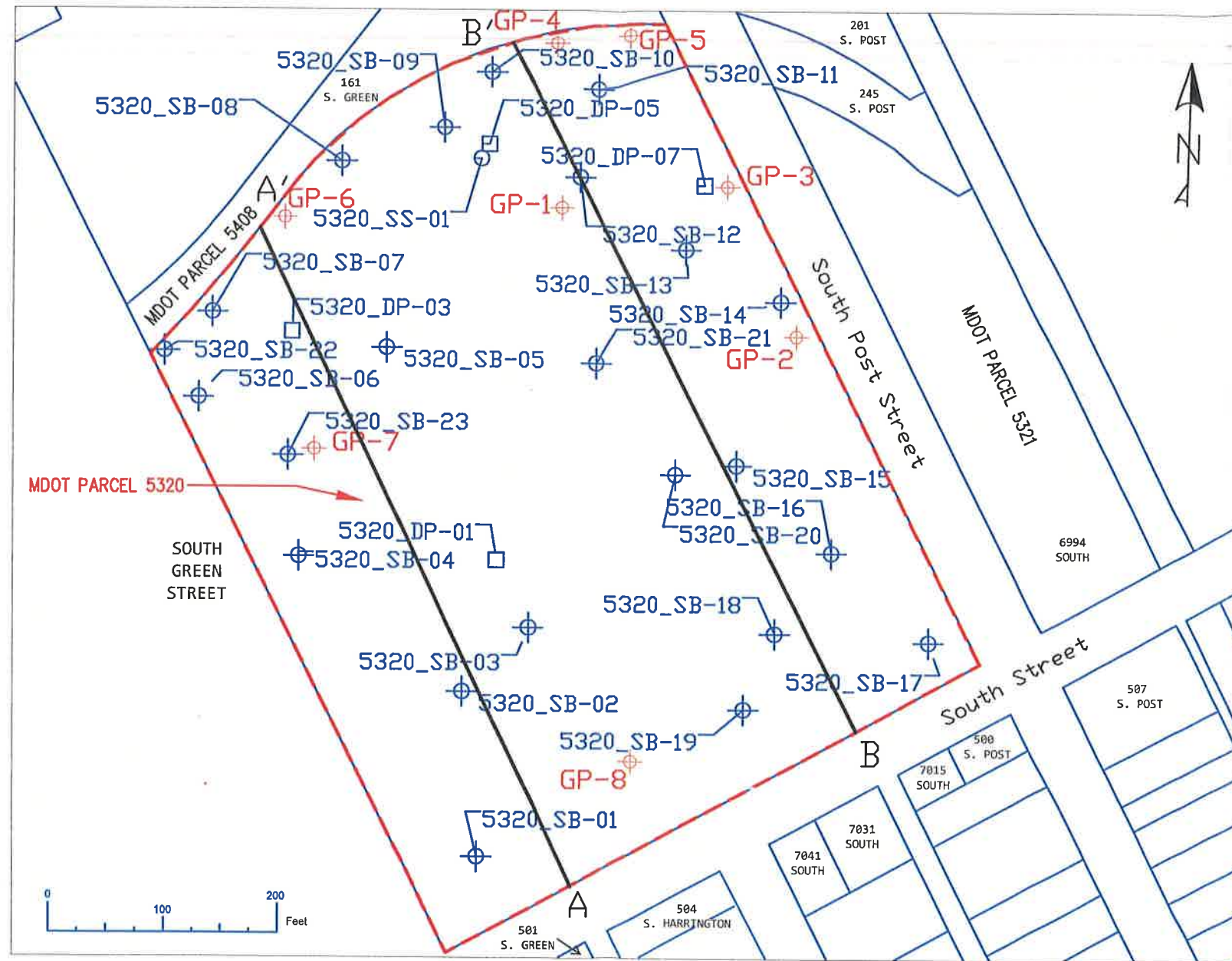
Total Number of Samples Exceeding Criteria: 65 soil, 9 debris pile, 8 groundwater

Footnotes:

- (1) = Unknown
- (2) = Duplicate sample that corresponds to 5320_SB-07_8.5-9.5_S_SOM_20160518
- (3) = Duplicate sample that corresponds to 5320_SB-13_6-8_S_SOM_20160517
- (4) = Duplicate sample that corresponds to 5320_SB-07_4.5-9.5_GW_SOM_20160518
- (5) = Duplicate sample that corresponds to 5320_SB-11_3.5-8.5_GW_SOM_20160517

LEGEND

- SITE
- ⊕
⊕ BORING LOCATION (2016 PSI)
- DEBRIS PILE SAMPLE LOCATION
- SURFACE SAMPLE LOCATION
- ⊕
⊕ APPROXIMATE BORING LOCATION (2006 Ph. II)
- A — A' TRANSECT



DRAWN BY:
WT
CHECKED BY:
PR

DATE DRAWN:
07/22/2016
DATE CHECKED:
07/22/2016

SOMAT PROJECT #: 2015177B



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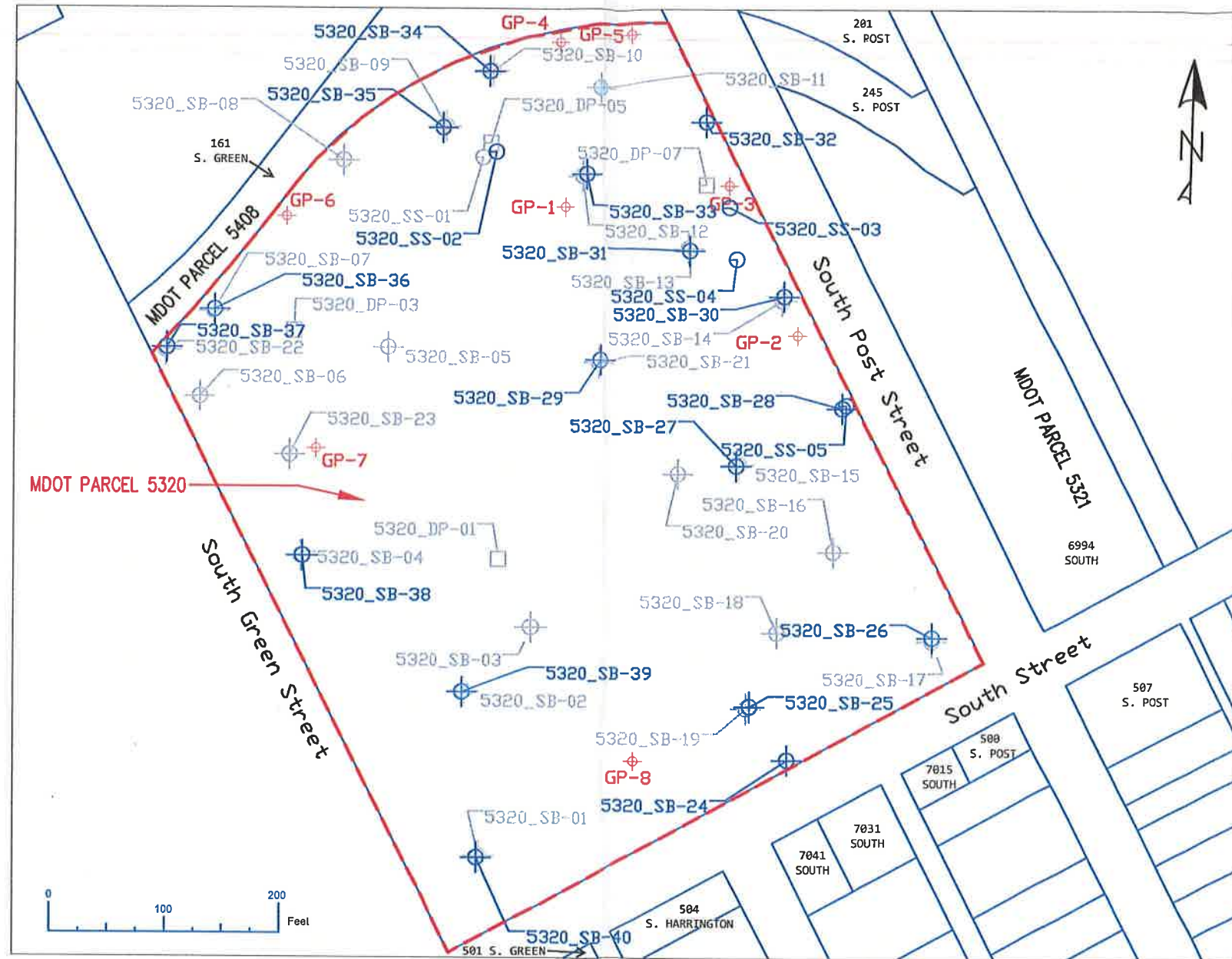
FIGURE 2
BORING LOCATION MAP - MAY 2016
PRELIMINARY SITE INVESTIGATION
PLAZA AREA MDOT PARCEL 5320
7106 South Street, Detroit MI

LEGEND

- SITE
- BORING LOCATION
- DEBRIS PILE LOCATION
- SURFACE SAMPLE LOCATION
- TEMPORARY WELL LOCATION (2016)

The above symbols were colored in this figure to indicate completion of work during the following:

- "Blue" = 2016 Supplemental PSI
- "Gray" = 2016 (initial) PSI
- "Red" = 2006 Phase II ESA



NOTES:

1. Temporary groundwater wells were installed in SB-26 and SB-29 during this 2016 Supplemental PSI.
2. Temporary groundwater wells were installed in SB-02, SB-07, and SB-11 during the 2016 (initial) PSI.

DRAWN BY: WT	DATE DRAWN: 10/04/2016
CHECKED BY: MH	DATE CHECKED: 10/13/2016

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FIGURE 3
 BORING LOCATION MAP - NOVEMBER 2016
 SUPPLEMENTAL PRELIMINARY SITE INVESTIGATION
 PLAZA AREA MDOT PARCEL 5320
 7106 South Street, Detroit MI