



For DEQ Use Only
ITS # _____
Site ID # _____
Category Code: _____

NOTICE OF MIGRATION OF CONTAMINATION (FORM EQP4482 REV. 3/14)

(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)(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/bea, 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)(ii) & (iii) are available at www.michigan.gov/bea.

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: Industrial Property
Address: 200 Blue Star Highway
Location:

Owner
Operator

City/County: City of the Village of Douglas/Allegan County
Property Tax Identification Number, or if applicable, the ward and item number:
59-016-070-00

Latitude (decimal degrees): 42.6396 Longitude (decimal degrees): -86.2109

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



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

2. Provide any additional ID numbers associated with the property (e.g., EPA ID No., BEA No., Part 213 facility ID No., etc.): Part 201 Facility ID 03000032

3. Name, address, and telephone number of the property owner, operator, or other party submitting the notice:
 Name: City of the Village of Douglas, care of Mr. William LeFevere, City Manager
 Address: 86 West Center Street
 City/State: City of the Village of Douglas, Michigan
 Telephone number: 269-857-1438

4. Name, address and telephone number of a contact person familiar with the content of the notice:
 Name: Mr. Adam Patton
 Address: 4080 West Eleven Mile Road
 City/State: Berkley/Michigan
 Telephone: 800-313-2966

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: 121 East Ferry Street
 City/State: Douglas, Michigan
 Property Tax ID number: 59-016-060-00
 Other:
 Notified? No Yes Date: 04/15/2019

Address: 160 Blue Star Highway
 City/State: Douglas, Michigan
 Property Tax ID number: 59-016-070-10
 Other:
 Notified? No Yes Date: 04/15/2019

Address: 485 East Ferry Street
 City/State: Douglas, Michigan
 Property Tax ID number: 59-017-089-95
 Other:
 Notified? No Yes Date: 04/15/2019

Address: Ferry Street
 City/State: Douglas, Michigan
 Property Tax ID number: 59-017-089-00
 Other:
 Notified? No Yes Date: 04/15/2019

Address: 504 Ferry Street
 City/State: Douglas, Michigan
 Property Tax ID number: 59-017-089-80
 Other:
 Notified? No Yes Date: 04/15/2019

(Attach additional pages as needed)

Address: 197 Blue Star Highway
City/State: Douglas, Michigan
Property Tax ID number: 59-016-073-00
Other:

Notified? No Yes Date: 04/15/2019

Address: 187 Blue Star Highway
City/State: Douglas, Michigan
Property Tax ID number: 59-016-071-00
Other:

Notified? No Yes Date: 04/15/2019

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

See Item 6 on Page 2 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.

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"
TCE	79016	160,000 ug/L	MW-303D	Groundwater	0 feet	Northwest	160,000 ug/L	MW-303D	Groundwater
cis-1,2-DCE	156592	2,100 ug/L	MW-303D	Groundwater	0 feet	Northwest	2,100 ug/L	MW-303D	Groundwater
trans-1,2-DCE	156605	450 ug/L	MW-303D	Groundwater	0 feet	Northwest	450 ug/L	MW-303D	Groundwater
1,1-TCA	71556	2,400 ug/L	MW-303D	Groundwater	0 feet	Northwest	2,400 ug/L	MW-303D	Groundwater
Vinyl chloride	75014	110 ug/L	MW-303D	Groundwater	0 feet	Northwest	110 ug/L	MW-303D	Groundwater

Total Number Samples Collected: **

Total Number of Samples Exceeding Criteria: **

** Multiple subsurface investigations and groundwater sampling events have been completed with criteria exceedances identified during each.

A scaled map or drawing showing these locations and the property boundaries must be submitted with this Notice



6. Complete the Table on Page 3 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 3, 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 3, 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.


This notice is being presumptively supplied based on soil gas results on the southern portion of the property indicating the potential for migration off of the property on to the south adjoining property.

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:

- | | 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.)
Wicks Creek | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CERTIFICATION:

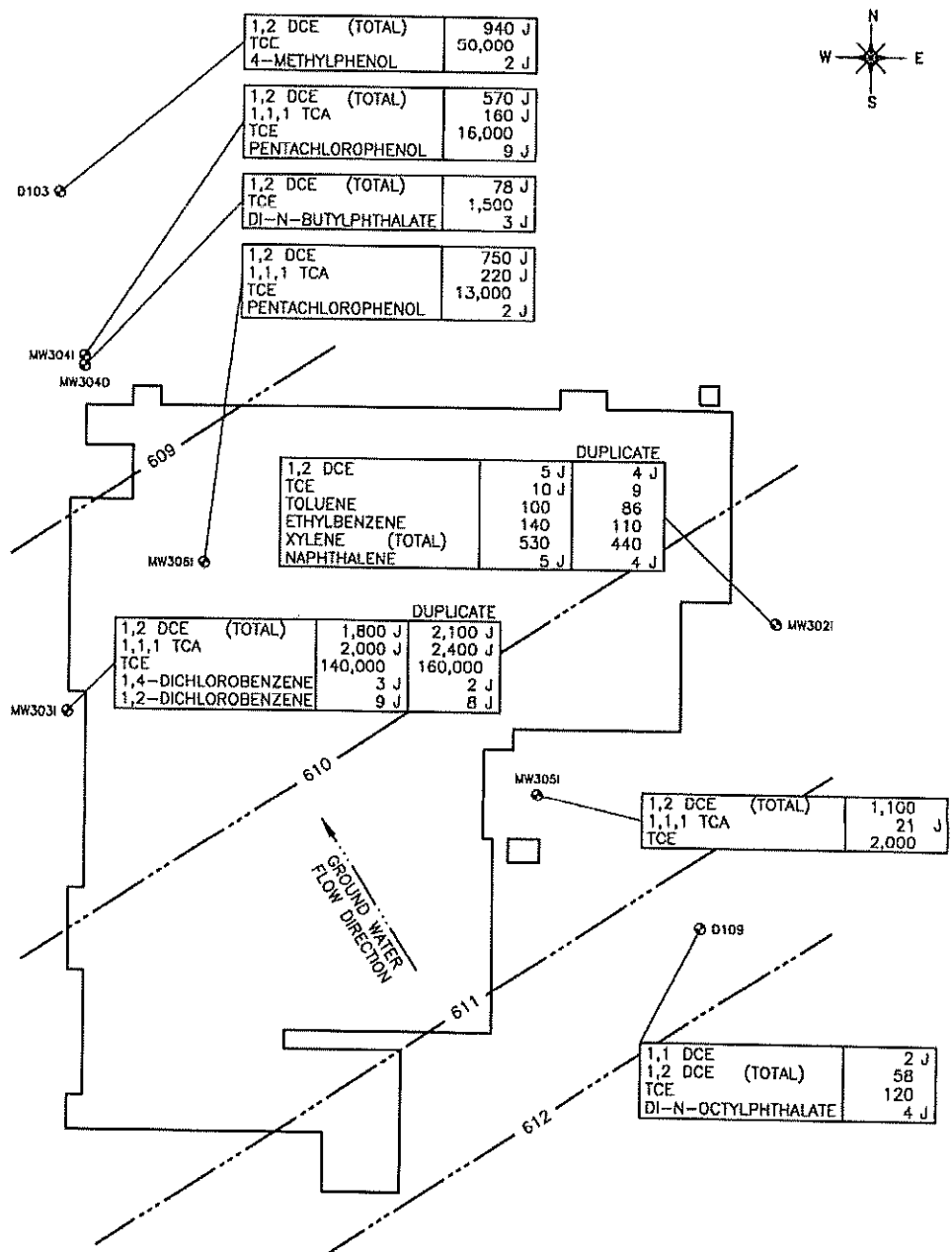
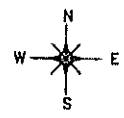
With my signature below, I certify that I am the owner of the facility or that I am legally authorized to execute this notice on behalf of the owner or operator named on this form, and that to the best of my knowledge and belief the above representations are complete and accurate. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

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

Date 04-29-2019

Name (Typed or Printed) Mr. William LeFevere

Title (Typed or Printed) City Manager



1,2 DCE (TOTAL)	940 J
TCE	50,000
4-METHYLPHENOL	2 J

1,2 DCE (TOTAL)	570 J
1,1,1 TCA	160 J
TCE	16,000
PENTACHLOROPHENOL	9 J

1,2 DCE (TOTAL)	78 J
TCE	1,500
DI-N-BUTYLPHTHALATE	3 J

1,2 DCE	750 J
1,1,1 TCA	220 J
TCE	13,000
PENTACHLOROPHENOL	2 J

DUPLICATE	
1,2 DCE	5 J
TCE	10 J
TOLUENE	100
ETHYLBENZENE	140
XYLENE (TOTAL)	530
NAPHTHALENE	5 J
	4 J
	9
	86
	110
	440
	4 J

DUPLICATE	
1,2 DCE (TOTAL)	1,800 J
1,1,1 TCA	2,000 J
TCE	140,000
1,4-DICHLOROBENZENE	3 J
1,2-DICHLOROBENZENE	9 J
	2,100 J
	2,400 J
	160,000
	2 J
	8 J

1,2 DCE (TOTAL)	1,100
1,1,1 TCA	21 J
TCE	2,000

1,1 DCE	2 J
1,2 DCE (TOTAL)	58
TCE	120
DI-N-OCTYLPHTHALATE	4 J

PHENOL	1 J
DI-N-BUTYLPHTHALATE	2 J

PHENOL	3 J
DI-N-BUTYLPHTHALATE	2 J

ND

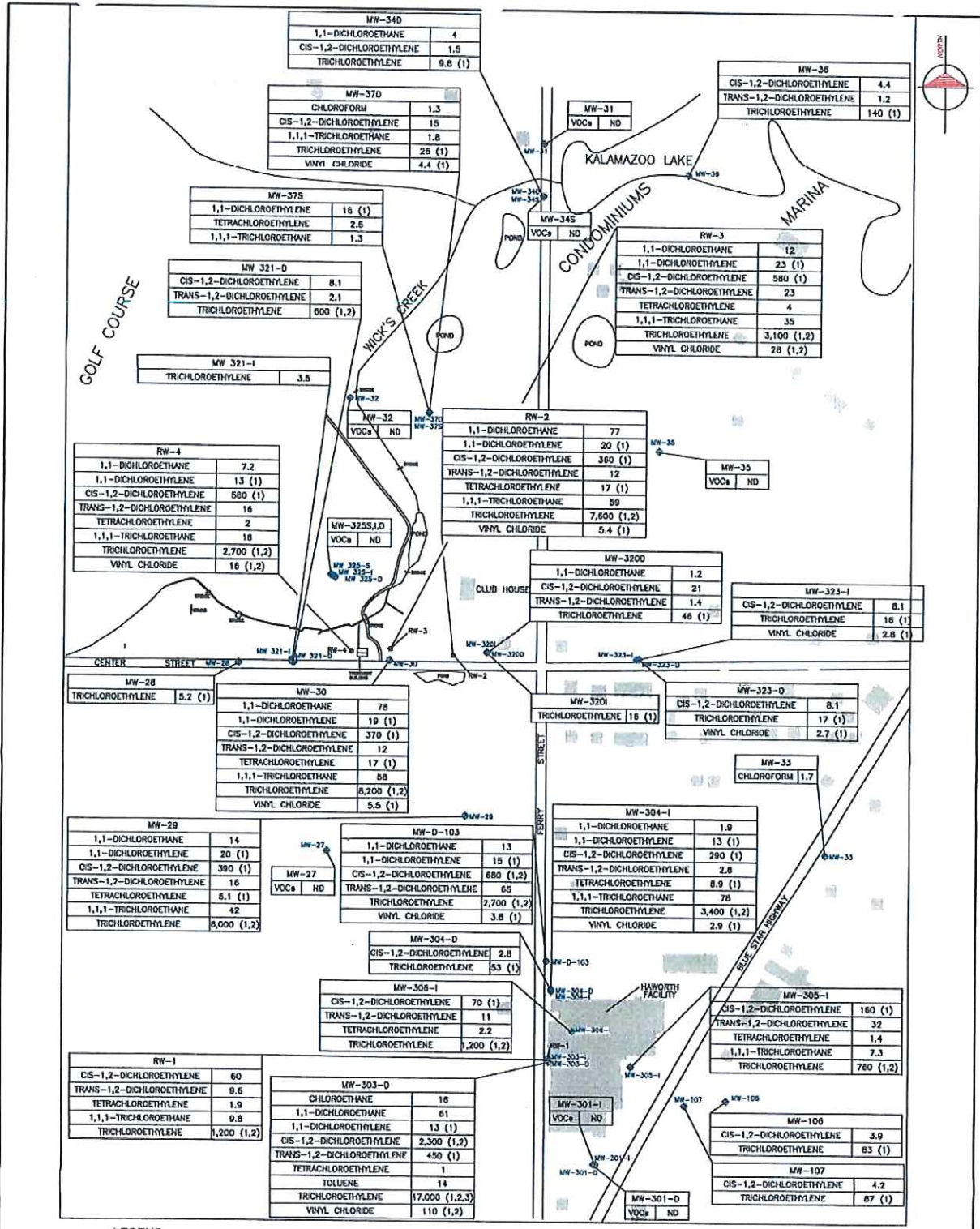
D104

SYMBOL LEGEND:	
⊙	MONITORING WELL
-610-	REGIONAL AQUIFER WATER TABLE SURFACE - DATA COLLECTED 10/26/92
1,1 DCE	1,1-DICHLOROETHENE
1,2 DCE	1,2-DICHLOROETHENE
TCE	TRICHLOROETHENE
1,1,1 TCA	1,1,1-TRICHLOROETHANE
ND	NOT DETECTED
J	ESTIMATED CONCENTRATION
D	LABORATORY DILUTED SAMPLE

FIGURE 4-1
ORGANIC ANALYTICAL RESULTS
GROUND WATER SAMPLES
HAWORTH PLANT SITE
DOUGLAS, MICHIGAN

NOTE: ALL UNITS IN ug/L





LEGEND

- MW-# - RECOVERY WELL
- MW-#-# - EXISTING MONITORING WELL
- (1) - EXCEEDS PART 201 RESIDENTIAL AND COMMERCIAL DRINKING WATER CRITERIA
- (2) - EXCEEDS PART 201 GROUNDWATER SURFACE WATER INTERFACE CRITERIA
- (3) - EXCEEDS PART 201 VOLATILIZATION TO INDOOR AIR INHALATION CRITERIA
- ND - PARAMETER NOT DETECTED

NOTES:

1. ALL RESULTS REPORTED IN MICROGRAMS PER LITERS (ug/L)
2. LOCATIONS MW-27, MW-31, MW-32, MW-34S, MW-35, MW-301I, MW-301D, MW-325S, MW-325I, AND MW-325D WERE ALSO ANALYZED FOR VOC'S AND NO CONTAMINANTS WERE DETECTED.
3. ANY ADDITIONAL LOCATIONS NOT LISTED OR PRESENTED ABOVE WERE NOT SAMPLED FOR THESE PARAMETERS.

EARTHTECH

A TYCO INTERNATIONAL LTD. COMPANY

5535 Glenwood Mills Parkway SE • P.O. Box 671 • Grand Rapids, MI 49506-0671 • (616) 942-8000

DRAWN BY: KDR DATE: AUGUST, 2003

CHECKED BY: CAB EDITED BY: DCT121603

FILE NAME: 65766-APRIL-GSRVOC

FIGURE 6
 CHEMICAL DISTRIBUTION MAP
 ROUND 1 GROUNDWATER SAMPLING
 RESULTS VOLATILE
 ORGANIC COMPOUNDS
 APRIL, 2003
 VILLAGE OF DOUGLAS
 DOUGLAS, MICHIGAN

PROJECT NUMBER 65766.01 SCALE: 1" = 400'



Corporate Headquarters
Lansing, Michigan
3340 Ranger Road, Lansing, MI 48906
f: 877.884.6775
t: 517.321.3331

Michigan Locations
Berkley Bay City
Grand Rapids Chesterfield
Lansing Oak Park

Via Certified United States Mail
(Article Number)

April 15, 2019

Mr. David Brigham, Trustee
Beech-Hurst Trust
2107 Devonshire
Lansing, Michigan 48910

RE: Notice of Migration of Contamination
200 Blue Star Highway, City of the Village of Douglas, Michigan
Parcel ID: 59-016-070-00

Dear Mr. Brigham:

On behalf of the City of the Village of Douglas, PM Environmental, Inc. (PM), is providing the attached Notice of Migration of Contamination for the above-referenced subject property in accordance with Rule R299.51017 of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), P.A. 451 of 1994 (Part 201), as amended.

This notice is being submitted because contaminant concentrations at levels exceeding the Michigan Department of Environmental Quality (MDEQ) Part 201 Generic Cleanup Criteria were identified that have migrated or are likely to migrate to the property located at 121 East Ferry Street.

The City of the Village of Douglas prepared a Baseline Environmental Assessment in accordance with Part 201 and is not a liable party for the contamination identified in the attached Notice of Migration of Contamination.

Please contact us at (248) 336-9988 if you have any questions or require any additional information.

Sincerely,
PM Environmental, Inc.

J. Adam Patton, CHMM
National Manager - Site Investigation Services

Enclosure

