

The
City
Of
Maroa



Ordinance No. 2022/05/16-3

**AN ORDINANCE AUTHORIZING A HIGHWAY AUTHORITY AGREEMENT BETWEEN
THE CITY OF MAROA AND FREEDOM OIL.**

Adopted by the Mayor and City Council of the City of Maroa this 16th Day of May, 2022.

Published in pamphlet form by authority of the City Council of the City of Maroa, Macon County,
Illinois, this 16th Day of May, 2022.

Ordinance No. 2022/05/16-3

**AN ORDINANCE AUTHORIZING A HIGHWAY AUTHORITY AGREEMENT BETWEEN
THE CITY OF MAROA AND FREEDOM OIL.**

WHEREAS, Green Wave Consulting, LLC (GWC) is currently contracted with Freedom Oil Company of Bloomington, Illinois to mitigate a petroleum release from its former underground storage tanks at 101 South Wood Street in Maroa. The Illinois Environmental Protection Agency (IEPA) requires Freedom Oil Company to properly address soil and groundwater contamination at the site in accordance with the Illinois Pollution Control Board regulations;

WHEREAS, GWC has received approval of a Corrective Action Plan from the IEPA that approved the use of a Highway Authority Agreement (HAA) to address the residual soil and groundwater impaction that has or may migrate beneath the adjoining city-jurisdictional rights-of-way of West Main Street, South Wood Street and south adjoining alley. In order to adequately address currently inaccessible suspected petroleum hydrocarbon impaction beneath a portion of the right-of-way of West Main Street, South Wood Street and south adjoining alley, this draft HAA document needs to be executed to adequately safeguard the City's property and comply with the current Illinois Pollution Control Board regulations. Please refer to the map at the end of the attached draft HAA for a depiction of the proposed HAA area. The attached draft HAA follows the form prescribed by the IEPA;

WHEREAS, Once the City and Freedom Oil Company have executed the HAA, GWC will include the documents in the Corrective Action Completion Report to be submitted to the IEPA. The executed HAA will be memorialized in the "No Further Remediation" letter, which will be recorded to the deed of the property in the Macon County Clerk's Office;


NOW, THEREFORE BE IT ORDAINED by the Mayor and City Council of the City of Maroa, Illinois as follows:

SECTION 1. The execution of the attached agreement document is granted as allowed by law.

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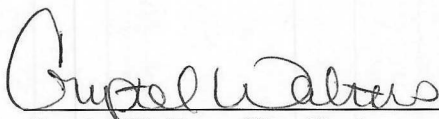
PRESENTED, PASSED AND APPROVED, by the Mayor and City Council of the City of Maroa, Illinois, on this 16th Day of May, 2022.

NAME	AYE	NAY	ABSTAIN	ABSENT
Alderman Robert Harper				X
Alderwoman Angela Bogle	X			
Alderman Jeremiah Grider	X			
Alderman Matt Riley	X			
Alderman Blake West	X			
Alderman				
Mayor Ryan Wilkey				



Ryan Wilkey, Mayor

ATTEST:



Crystal Walters, City Clerk

Seal



STATE OF ILLINOIS)
)
COUNTY OF MACON)

S.S.

Certificate

I, Crystal Walters, certify that I am the duly elected and acting City Clerk of the City of Maroa, Macon County, Illinois.

I further certify that on May 16th, 2022 the Corporate Authorities of such Municipality passed and approved

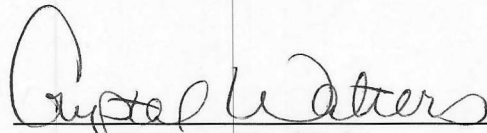
ORDINANCE NO. 2022/05/16-3

AN ORDINANCE AUTHORIZING A HIGHWAY AUTHORITY AGREEMENT BETWEEN THE CITY OF MAROA AND FREEDOM OIL.

which provided by its terms that it should be published in pamphlet form.

The pamphlet form of **ORDINANCE NO. 2022/05/16-3** including the Ordinance and a cover sheet thereof, was prepared, and a copy of such Ordinance was posted in the City Hall, commencing on May 16th, 2022, and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the City Clerk.

Dated at Maroa, Illinois, this 16th Day of May, 2022.



Crystal Walters, City Clerk

Seal





March 4, 2022

Attn: Mike Hoffman
Public Works Superintendent & Zoning Administrator
City of Maroa
120 South Locust Street
PO Box 136
Maroa, Illinois 61756

**Re: Proposed Highway Authority Agreement
For the Property Located at:
101 South Wood Street, Maroa, IL 61756**

Dear Mr. Hoffman:

Green Wave Consulting, LLC (GWC) is currently contracted with Freedom Oil Company of Bloomington, Illinois to mitigate a petroleum release from its former underground storage tanks at 101 South Wood Street in Maroa. The Illinois Environmental Protection Agency (IEPA) requires Freedom Oil Company to properly address soil and groundwater contamination at the site in accordance with the Illinois Pollution Control Board regulations.

GWC has received approval of a *Corrective Action Plan* from the IEPA that approved the use of a Highway Authority Agreement (HAA) to address the residual soil and groundwater impaction that has or may migrate beneath the adjoining city-jurisdictional rights-of-way of West Main Street, South Wood Street and south adjoining alley. In order to adequately address currently inaccessible suspected petroleum hydrocarbon impaction beneath a portion of the right-of-way of West Main Street, South Wood Street and south adjoining alley, this draft HAA document needs to be executed to adequately safeguard the City's property and comply with the current Illinois Pollution Control Board regulations. Please refer to the map at the end of the attached draft HAA for a depiction of the proposed HAA area. The attached draft HAA follows the form prescribed by the IEPA.

Once the City and Freedom Oil Company have executed the HAA, GWC will include the documents in the *Corrective Action Completion Report* to be submitted to the IEPA. The executed HAA will be memorialized in the "No Further Remediation" letter, which will be recorded to the deed of the property in the Macon County Clerk's Office.

Should you have any questions or require additional information, please do not hesitate to contact Ben Collette at (217) 726-7569 +240 or benc@greenwavecon.com. Please email Ben if you would like copies of the draft documents forwarded to you electronically.

Sincerely,

GREEN WAVE CONSULTING, LLC

A handwritten signature in black ink, appearing to read 'B. Collette', is written over the company name.

Ben Collette
Environmental Scientist

Cc: Project File
Attachments: Draft Highway Authority Agreement

HIGHWAY AUTHORITY AGREEMENT

This Agreement is entered into this 16 day of May, 2022 pursuant to 35 Ill. Adm. Code 742.1020 by and between the (1) Freedom Oil Company ("Owner/Operator") and (2) the City of Maroa, Illinois ("Highway Authority"), collectively known as the "Parties."

WHEREAS, Freedom Oil Company is the owner or operator of one or more leaking underground storage tanks presently or formerly located at 101 South Wood Street, Maroa, Illinois 61756 ("the Site");

WHEREAS, as a result of one or more releases of contaminants from the above referenced underground storage tanks ("the Release(s)"), soil and/or groundwater contamination at the Site exceeds Tier 1 residential remediation objectives of 35 Ill. Adm. Code 742;

WHEREAS, the soil and/or groundwater contamination exceeding Tier 1 residential remediation objectives extends or may extend into the Highway Authority's right-of-way;

WHEREAS, the Owner/Operator is conducting corrective action in response to the Release(s);

WHEREAS, the Parties desire to prevent groundwater beneath the Highway Authority's right-of-way that exceeds Tier 1 remediation objectives from use as a supply of potable or domestic water and to limit access to soil within the right-of-way that exceeds Tier 1 residential remediation objectives so that human health and the environment are protected during and after any access;

NOW, THEREFORE, the Parties agree as follows:

1. The recitals set forth above are incorporated by reference as if fully set forth herein.
2. The Illinois Emergency Management Agency has assigned incident number(s) 20030905 and 20031279 to the Release.
3. Attached as **Exhibit A** is a scaled map(s) prepared by the Owner/Operator that shows the Site and surrounding area and delineates the current and estimated future extent of soil and groundwater contamination above the applicable Tier 1 residential remediation objectives as a result of the Release(s).
4. Attached as **Exhibit B** is a table(s) prepared by the Owner/Operator that lists each contaminant of concern that exceeds its Tier 1 residential remediation objective, its Tier 1 residential remediation objective and its concentrations within the zone where Tier 1 residential remediation objectives are exceeded. The locations of the concentrations listed in **Exhibit B** are identified on the map(s) in **Exhibit A**.
5. Attached as **Exhibit C** is a scaled map prepared by the Owner/Operator showing the area of the Highway Authority's right-of-way that is governed by this agreement ("Right-of-Way"). Because **Exhibit C** is not a surveyed plat, the Right-of-Way boundary may be an approximation of the actual Right-of-Way lines.
6. The Highway Authority stipulates it has jurisdiction over the Right-of-Way that gives it sole control over the use of the groundwater and access to the soil located within or beneath the Right-of-Way.
7. The Highway Authority agrees to prohibit within the Right-of-Way all potable and domestic uses of groundwater exceeding Tier 1 residential remediation objectives.

8. The Highway Authority further agrees to limit access by itself and others to soil within the Right-of-Way exceeding Tier 1 residential remediation objectives. Access shall be allowed only if human health (including worker safety) and the environment are protected during and after any access. The Highway Authority may construct, reconstruct, improve, repair, maintain and operate a highway upon the Right-of-Way, or allow others to do the same by permit. In addition, the Highway Authority and others using or working in the Right-of-Way under permit have the right to remove soil or groundwater from the Right-of-Way and dispose of the same in accordance with applicable environmental laws and regulations. The Highway Authority agrees to issue all permits for work in the Right-of-Way, and make all existing permits for work in the Right-of-Way, subject to the following or a substantially similar condition:

As a condition of this permit the permittee shall request the office issuing this permit to identify sites in the Right-of-Way where a Highway Authority Agreement governs access to soil that exceeds the Tier 1 residential remediation objectives of 35 Ill. Adm. Code 742. The permittee shall take all measures necessary to protect human health (including worker safety) and the environment during and after any access to such soil.

9. This agreement shall be referenced in the Agency's no further remediation determination issued for the Release(s).
10. The Agency shall be notified of any transfer of jurisdiction over the Right-of-Way at least 30 days prior to the date the transfer takes effect. This agreement shall be null and void upon the transfer unless the transferee agrees to be bound by this agreement as if the transferee were an original party to this agreement. The transferee's agreement to be bound by the terms of this agreement shall be memorialized at the time of transfer in a writing ("Rider") that references this Highway Authority Agreement and is signed by the Highway Authority, or subsequent transferor, and the transferee.
11. This agreement shall become effective on the date the Agency issues a no further remediation determination for the Release(s). It shall remain effective until the Right-of-Way is demonstrated to be suitable for unrestricted use and the Agency issues a new no further remediation determination to reflect there is no longer a need for this agreement, or until the agreement is otherwise terminated or voided.
12. In addition to any other remedies that may be available, the Agency may bring suit to enforce the terms of this agreement or may, in its sole discretion, declare this agreement null and void if any of the Parties or any transferee violates any term of this agreement. The Parties or transferee shall be notified in writing of any such declaration.
13. This agreement shall be null and void if a court of competent jurisdiction strikes down any part or provision of the agreement.
14. This agreement supercedes any prior written or oral agreements or understandings between the Parties on the subject matter addressed herein. It may be altered, modified or amended only upon the written consent and agreement of the Parties.

15. Any notices or other correspondence regarding this agreement shall be sent to the Parties at following addresses:

Manager, Division of Remediation Management
Bureau of Land
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62974-9276

Owner/Operator
Freedom Oil Company
P.O. Box 3697
Bloomington, IL 61702

City of Maroa
Department of Waterworks, Sewer Plant, Streets & Alleys
Mike Hoffman, Superintendent
120 South Locust Street
P.O. Box 136
Maroa, IL 61756

IN WITNESS THEREOF, the Parties have caused this agreement to be signed by their duly authorized representatives.

Date:

5-16-22

CITY OF MAROA

By: Crystal Walters

Its: City Clerk

ATTEST:

Crystal Walters

City Clerk

OWNER/OPERATOR
FREEDOM OIL COMPANY

Date:

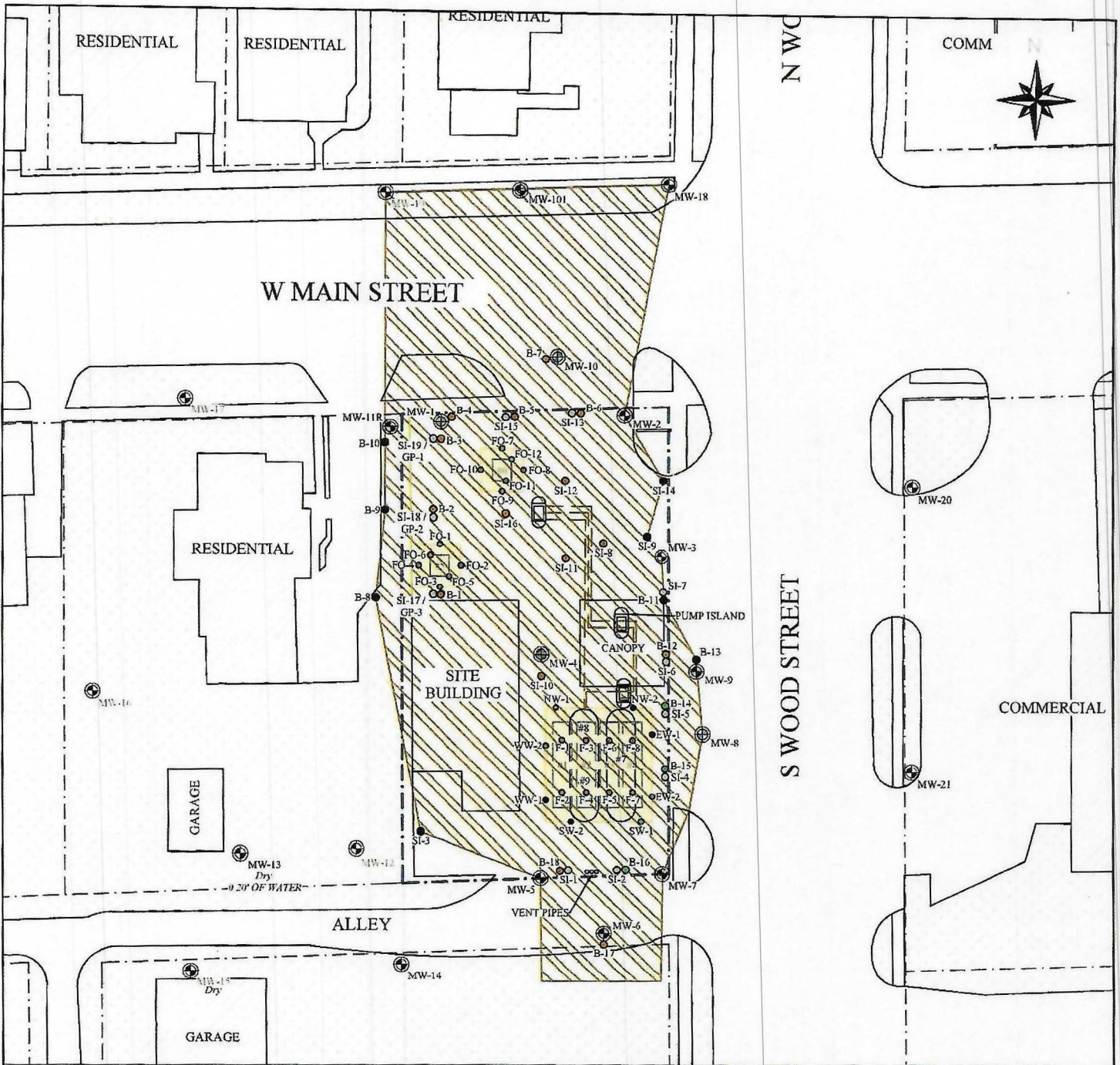
10-13-22

By:

Mark Eckhoff
Mark Eckhoff

**FIGURES FOR EXHIBIT A
CITY OF MAROA
HIGHWAY AUTHORITY AGREEMENT**

Freedom Oil Company Service Station Property
101 South Wood Street
Maroa, Illinois

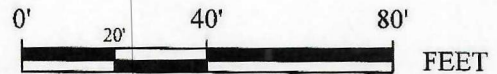


LEGEND

- PROPERTY LINE
- /• EARLY ACTION SOIL SAMPLE LOCATION / SOIL BORING SAMPLE LOCATION
- (••) IMPACTED ABOVE TACO TIER 2 SRO'S
- (•) IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TIER 2 SRO'S
- (⊗) PREVIOUSLY IMPACTED ABOVE TACO TIER 1 SRO'S, RESAMPLED JUNE 2020
- ⊙ SOIL BORING/MONITORING WELL LOCATION
- (⊙) IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE
- (⊙) IMPACTED ABOVE TACO TIER 1 GRO'S



PHYSICALLY DELINEATED EXTENT OF TIER 1 SOIL IMPACTION



1" = 40'



4440 ASH GROVE DRIVE, Suite A
Springfield, IL 62711 (217-726-7569)

DELINEATED EXTENT OF TIER 1 SOIL IMPACTION MAP

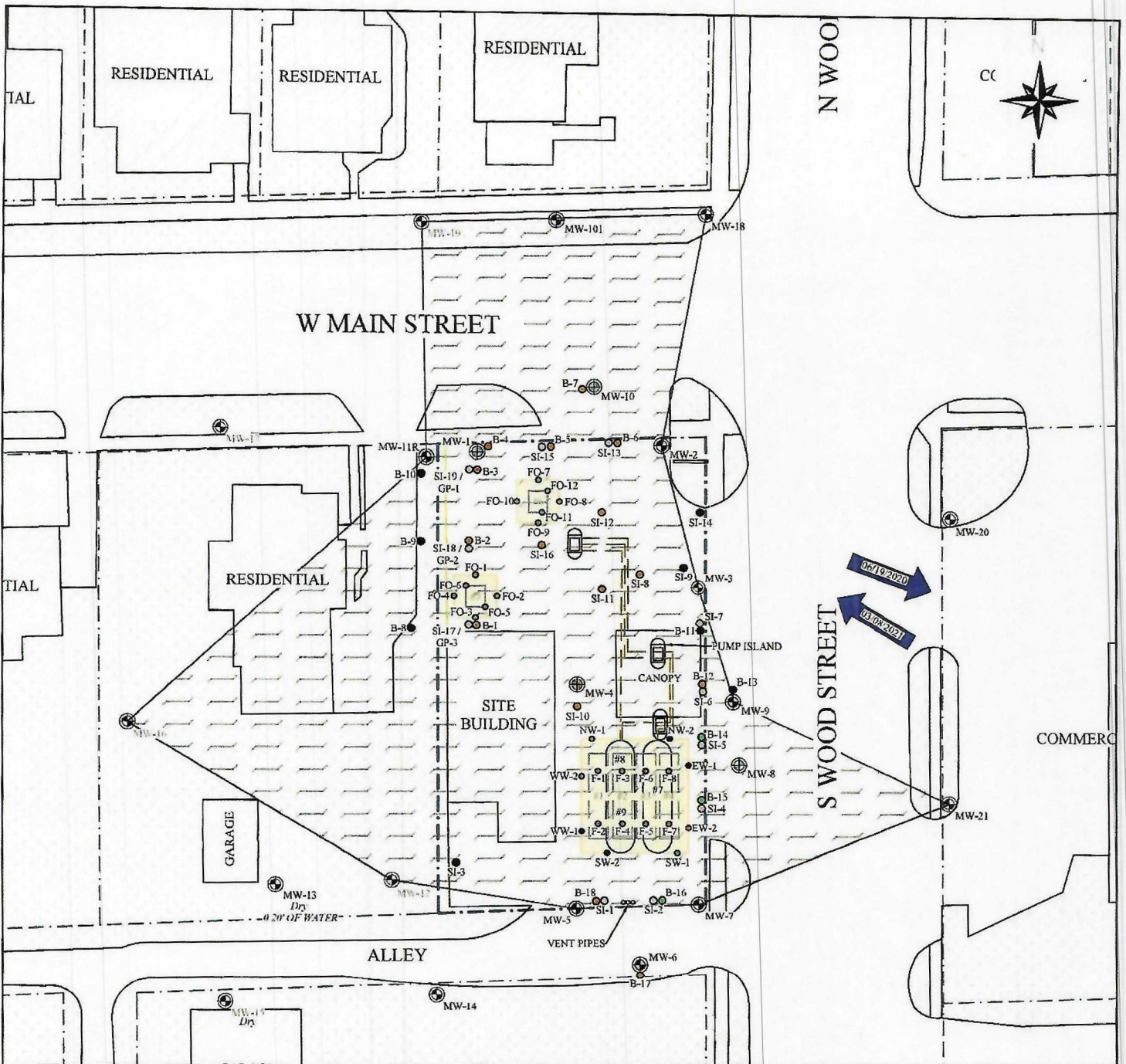
FREEDOM OIL COMPANY

101 SOUTH WOOD STREET MAROA, IL 61756

INCIDENT NO.
2003-0905

FILE NAME
FREEDOM MAROA - SAF

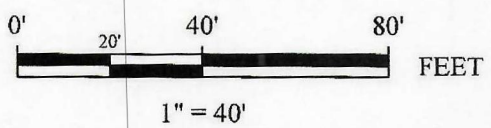
PREPARED WOLFE	DATE 04/2021
DRAWN WOLFE	DATE 04/2021
APPROVED WIENHOFF	DATE 04/2021
PROJECT NO. 300	FIGURE A-1




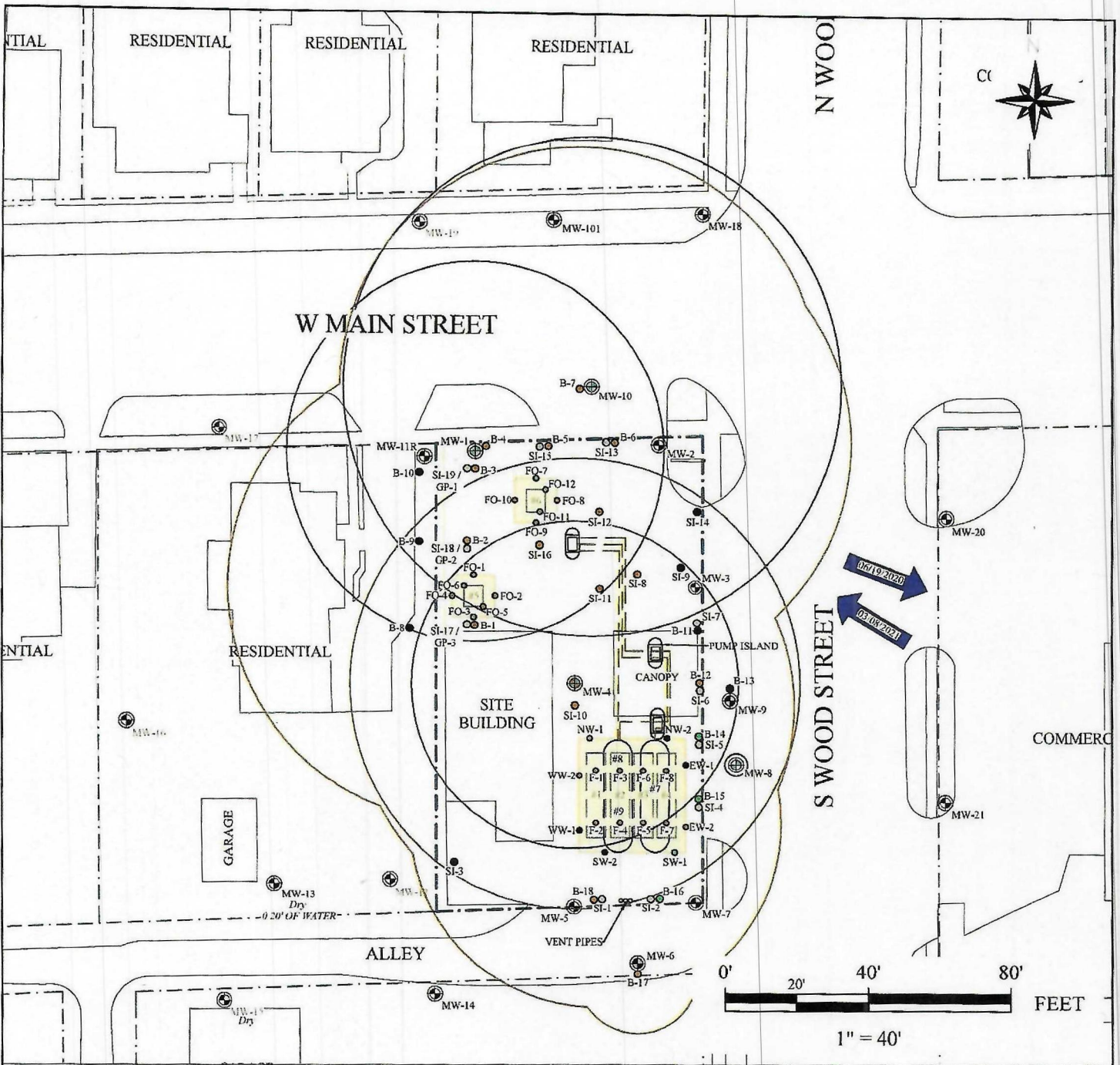
LEGEND

- PROPERTY LINE
- /• EARLY ACTION SOIL SAMPLE LOCATION / SOIL BORING SAMPLE LOCATION
- (●●) IMPACTED ABOVE TACO TIER 2 SRO'S
- (●○) IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TIER 2 SRO'S)
- (○) PREVIOUSLY IMPACTED ABOVE TACO TIER 1 SRO'S, RESAMPLED JUNE 2020
- ⊕ SOIL BORING/MONITORING WELL LOCATION
- (⊕) IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE
- (⊕) IMPACTED ABOVE TACO TIER 1 GRO'S)
- ➔ REGIONAL GROUNDWATER FLOW DIRECTION (Date of Gauging Event Inside Arrow)

PHYSICALLY DELINEATED EXTENT OF TIER 1 GROUNDWATER IMPACTION



 GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217-726-7569)	DELINEATED EXTENT OF TIER 1 GROUNDWATER IMPACTION MAP		PREPARED WOLFE	DATE 04/2021
	FREEDOM OIL COMPANY 101 SOUTH WOOD STREET MAROA, ILLINOIS 61756		DRAWN WOLFE	DATE 04/2021
INCIDENT NO. 2003-0905	FILE NAME FREEDOM MAROA - SAF	APPROVED WIENHOFF	DATE 04/2021	PROJECT NO. 300
			FIGURE A-2a	



LEGEND

PROPERTY LINE

- /• EARLY ACTION SOIL SAMPLE LOCATION / SOIL BORING SAMPLE LOCATION
- (●●) IMPACTED ABOVE TACO TIER 2 SRO'S
- (●○) IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TIER 2 SRO'S
- (○) PREVIOUSLY IMPACTED ABOVE TACO TIER 1 SRO'S, RESAMPLED JUNE 2020
- ⊙ SOIL BORING/MONITORING WELL LOCATION
- (⊕) IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE
- (⊗) IMPACTED ABOVE TACO TIER 1 SRO'S
- ➔ REGIONAL GROUNDWATER FLOW DIRECTION (Date of Gauging Event Inside Arrow)



EQUATION R26 MODELED EXTENT - BENENE SOIL LEACHATE GROUNDWATER IMPACTION

EQUATION R26 MODELED EXTENT - BENZENE GROUNDWATER IMPACTION

EQUATION R26 MODELED EXTENT - MTBE GROUNDWATER IMPACTION

Note Only largest model per sample location is illustrated for soil leaching to groundwater models
 Note Models less than 2 feet are not illustrated

GREEN WAVE CONSULTING, LLC
 4440 ASH GROVE DRIVE, Suite A
 Springfield, IL 62711 (217-726-7569)

MODELED EXTENT OF TIER 1 GROUNDWATER IMPACTION MAP		PREPARED WOLFE	DATE 04/2021
FREEDOM OIL COMPANY		DRAWN WOLFE	DATE 04/2021
101 SOUTH WOOD STREET MAROA, ILLINOIS 61756		APPROVED WIENHOFF	DATE 04/2021
INCIDENT NO. 2003-0905	FILE NAME FREEDOM MAROA - SAF	PROJECT NO. 300	FIGURE A-2b

**TABLES FOR EXHIBIT B
CITY OF MAROA
HIGHWAY AUTHORITY AGREEMENT**

Freedom Oil Company Service Station Property
101 South Wood Street
Maroa, Illinois

Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
NW-1	09/03/03	7'	0.311 ^{1,2}	1.250	1.100	6.610 ⁸	---
NW-2	09/03/03	7'	0.0087	0.0105	0.0321	0.0969	---
SW-1	09/03/03	7'	< 0.0449 ¹	0.153	0.581	2.770	---
SW-2	09/03/03	7'	< 0.0066	< 0.0058	0.0067	0.0455	---
WW-1	09/03/03	7'	0.0192	0.0264	0.0427	0.176	---
WW-2	09/03/03	7'	2.080 ^{1,2,5,6}	46.300 ^{1,2,8}	26.300 ^{1,2}	171.000 ^{1,2,8}	---
EW-1	09/03/03	7'	0.0111	0.0299	0.791	4.450	---
EW-2	09/03/03	7'	0.247 ^{1,2}	1.470	10.000	88.600 ⁸	---
FL-1	09/03/03	11'	3.730 ^{1,2,5,6,8}	26.600 ¹	11.400	72.000 ⁸	---
FL-2	09/03/03	11'	6.930 ^{1,2,5,6,8}	25.100 ¹	13.400 ¹	63.500 ⁸	---
FL-3	09/03/03	11'	2.740 ^{1,2,5,6,8}	9.220	4.020	35.600 ⁸	---
FL-4	09/03/03	11'	1.380 ^{1,2,5}	8.480	4.140	26.200 ⁸	---
FL-5	09/03/03	11'	1.060 ^{1,2,5}	4.870	3.040	17.000 ⁸	---
FL-6	09/03/03	11'	0.218 ^{1,2}	1.530	0.487	3.240	---
FL-7	09/03/03	11'	0.710 ^{1,2}	0.659	0.509	3.420	---
FL-8	09/03/03	11'	0.195 ^{1,2}	2.920	0.891	4.780	---
CS-1	09/03/03		0.0527 ¹	0.236	0.128	0.646	---
CS-2	09/04/03		1.360 ^{1,2,5}	0.759	7.780	23.300 ⁸	---
FO-1	09/04/03	7'	7.160 ^{1,2,5,6,8}	43.100 ^{1,2,8}	18.300 ¹	90.900 ⁸	---
FO-2	09/04/03	7'	0.256 ^{1,2}	0.0243	0.0826	0.102	---
FO-3	09/04/03	7'	0.0544 ¹	0.0310	0.0361	0.218	---
FO-4	09/04/03	7'	6.420 ^{1,2,5,6,8}	0.717	17.300 ¹	37.200 ⁸	---
FO-5	09/04/03	11'	8.610 ^{1,2,5,6,8}	40.800 ^{1,2}	12.800	65.800 ⁸	---
FO-6	09/04/03	11'	17.100 ^{1,2,3,5,6,8}	98.300 ^{1,2,8}	29.600 ^{1,2}	153.000 ^{1,2,8}	---
FO-7	09/04/03	7'	0.140 ¹	0.0252	0.113	0.126	---
FO-8	09/04/03	7'	7.360 ^{1,2,5,6,8}	52.900 ^{1,2,8}	19.100 ^{1,2}	99.500 ⁸	---
FO-9	09/04/03	7'	2.850 ^{1,2,5,6,8}	0.587	11.300	25.600 ⁸	---
FO-10	09/04/03	7'	2.120 ^{1,2,5,6}	21.200 ¹	13.200 ¹	68.100 ⁸	---
FO-11	09/04/03	11'	0.0496 ¹	< 0.0057	0.0086	0.0126	---
FO-12	09/04/03	11'	0.132 ¹	0.0144	0.0247	0.0438	---
SI-1 (resampled by B-18)	05/10/04	3'-5'	< 0.0010	< 0.0050	< 0.0050	< 0.0050	< 0.0020
		13'-15'	0.0035	0.0075	< 0.0044	0.0045	< 0.0018
		19'-20'	0.257 ^{1,2}	0.133	0.843	3.270	< 0.0406
SI-2 (resampled by B-16)	05/10/04	5'-7'	0.130 ¹	3.110	6.800	24.100 ⁸	< 0.173
		9'-11'	< 0.0010	< 0.0048	< 0.0048	< 0.0048	< 0.0019
		21'-23'	1.010 ^{1,2,5}	4.820	5.520	26.400 ⁸	< 0.367 ^{1,2}
Soil Component of Groundwater Ingestion	Class I	0.03	12	13	150	0.32	
	Class II	0.17	29	19	150	0.32	
Soil Ingestion Remediation Objectives	Residential	12	16,000	7,800	16,000	780	
	Commercial	100	410,000	200,000	410,000	20,000	
Soil Outdoor Inhalation Remediation Objectives	Residential	0.8	650	400	320	8,800	
	Commercial	1.6	650	400	320	8,800	
Construction Worker Remediation Objectives	Soil Ingestion	2,300	410,000	20,000	41,000	2,000	
	Soil Outdoor Inhalation	2.2	42	58	5.6	140	

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in bold.

Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Superscripts:

- 1-Class I Soil Component of Groundwater Remediation Objective exceeded
- 2-Class II Soil Component of Groundwater Remediation Objective exceeded
- 3-Residential Soil Ingestion Remediation Objective exceeded
- 4-Commercial Soil Ingestion Remediation Objective exceeded

- 5-Residential Soil Outdoor Inhalation Remediation Objective exceeded
- 6-Commercial Soil Outdoor Inhalation Remediation Objective Exceeded
- 7-Construction Worker Soil Ingestion Remediation Objective exceeded
- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded

Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
SI-3	05/10/04	3'-5'	< 0.0011	< 0.0057	< 0.0057	< 0.0057	< 0.0023
		13'-15'	0.0024	0.0053	< 0.0043	0.0051	< 0.0017
		19'-20'	0.0033	0.0071	< 0.0044	0.0060	< 0.0017
SI-4 (resampled by B-15)	05/10/04	7'-9'	0.174 ^{1,2}	0.740	2.100	11.800 ^B	< 0.0575
		11'-13'	0.224 ^{1,2}	4.360	6.800	40.900 ^B	< 0.187
		19'-20'	0.721 ^{1,2}	< 0.212	0.640	0.490	< 0.0849
SI-5 (resampled by B-14)	05/10/04	5'-7'	0.0018	< 0.0051	< 0.0051	< 0.0051	< 0.0021
		9'-11'	0.0285	0.180	0.692	2.560	< 0.0472
		19'-20'	1.6200 ^{1,2,5,6}	< 0.108	0.968	1.750	0.0662
SI-6 (resampled by B-12)	05/10/04	3'-5'	0.0511 ¹	< 0.0056	< 0.0056	< 0.0056	0.0516
		9'-11'	0.0083	0.0073	< 0.0044	0.0060	0.0633
		19'-20'	0.0753 ¹	0.0063	0.0043	0.0093	0.0172
SI-7 (resampled by B-11)	05/11/04	1'-3'	0.127 ¹	0.499	< 0.147	0.419	< 0.0589
		7'-9'	0.0127	0.0264	< 0.0045	0.0063	< 0.0018
		17'-19'	0.0034	0.0052	< 0.0043	< 0.0043	< 0.0017
SI-8	05/11/04	5'-7'	0.0355 ¹	< 0.0055	0.0220	0.0228	0.0060
		11'-13'	2.610 ^{1,2,5,6,8}	6.510	10.200	39.100 ^B	< 0.172
		19'-20'	0.0026	0.0049	< 0.0042	0.0043	< 0.0017
SI-9	05/11/04	5'-7'	< 0.0010	< 0.0049	< 0.0049	< 0.0049	< 0.0019
		13'-15'	< 0.0011	< 0.0056	< 0.0056	< 0.0056	< 0.0022
		19'-20'	0.0018	< 0.0043	< 0.0043	< 0.0043	< 0.0017
SI-10	05/11/04	1'-3'	0.792 ^{1,2}	< 0.143	1.470	4.850	< 0.0574
		7'-9'	9.870 ^{1,2,5,6,8}	63.700 ^{1,2,8}	33.100 ^{1,2}	162.000 ^{1,2,8}	< 0.976 ^{1,2}
		15'-17'	12.700 ^{1,2,3,5,6,8}	79.800 ^{1,2,8}	30.500 ^{1,2}	149.000 ^B	< 1.010 ^{1,2}
SI-11	05/11/04	1'-3'	4.880 ^{1,2,5,6,8}	34.300 ^{1,2}	12.200	59.100 ^B	< 0.224
		9'-11'	0.988 ^{1,2,5}	1.850	8.070	36.300 ^B	< 0.512 ^{1,2}
		19'-20'	2.490 ^{1,2,5,6,8}	< 0.111	0.652	0.805	0.221
SI-12	05/11/04	1'-3'	0.0320 ¹	< 0.0054	< 0.0054	0.0114	< 0.0022
		13'-15'	0.377 ^{1,2}	< 0.981	4.720	3.950	< 0.392 ^{1,2}
		21'-23'	0.0988 ¹	< 0.426	0.853	1.040	< 0.170
SI-13 (resampled by B-6)	05/11/04	3'-5'	0.883 ^{1,2,5}	< 0.137	< 0.137	0.190	< 0.0546
		13'-15'	3.320 ^{1,2,5,6,8}	6.130	3.210	13.600 ^B	< 0.370 ^{1,2}
		19'-20'	0.0026	0.0052	< 0.0041	0.0049	< 0.0017
SI-14	05/11/04	5'-7'	< 0.0010	< 0.0052	< 0.0052	< 0.0052	< 0.0021
		9'-11'	0.0029	0.0058	< 0.0039	0.0044	< 0.0015
		19'-20'	0.0020	0.0044	< 0.0042	< 0.0042	< 0.0017
Soil Component of Groundwater Ingestion	Class I	0.03	12	13	150	0.32	
	Class II	0.17	29	19	150	0.32	
Soil Ingestion Remediation Objectives	Residential	12	16,000	7,800	16,000	780	
	Commercial	100	410,000	200,000	410,000	20,000	
Soil Outdoor Inhalation Remediation Objectives	Residential	0.8	650	400	320	8,800	
	Commercial	1.6	650	400	320	8,800	
Construction Worker Remediation Objectives	Soil Ingestion	2,300	410,000	20,000	41,000	2,000	
	Soil Outdoor Inhalation	2.2	42	58	5.6	140	

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in **bold**.

Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

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- 6-Commercial Soil Outdoor Inhalation Remediation Objective Exceeded
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- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded

Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
SI-15 (resampled by B-5)	05/11/04	3'-5'	0.577 ^{1,2}	< 0.0053	0.0372	0.0419	0.0126
		9'-11'	14.300 ^{1,2,3,5,6,8}	79.100 ^{1,2,8}	19.400 ^{1,2}	91.000 ⁸	< 0.411 ^{1,2}
		21'-23'	1.970 ^{1,2,5,6}	3.010	0.764	3.480	0.893 ^{1,2}
SI-16	05/12/04	7'-9'	0.189 ^{1,2}	< 0.121	0.395	< 0.121	< 0.0483
		11'-13'	0.409 ^{1,2}	0.544	2.370	10.900 ^B	< 0.179
		19'-20'	0.873 ^{1,2,5}	1.090	0.717	3.260	0.424 ^{1,2}
SI-17 (resampled by B-1)	05/12/04	3'-5'	0.0439 ¹	< 0.0055	< 0.0055	0.0277	< 0.0022
		7'-9'	1.130 ^{1,2,5}	< 1.100	7.410	48.000 ^B	< 0.439 ^{1,2}
		19'-20'	0.0933 ¹	0.0064	0.0319	0.0277	0.0954
SI-18 (resampled by B-2)	05/12/04	3'-5'	0.200 ^{1,2}	0.0057	0.0106	0.0667	0.0091
		17'-19'	2.110 ^{1,2,5,6}	< 0.425	2.130	0.431	< 0.170
		21'-23'	0.267 ^{1,2}	< 0.106	< 0.106	< 0.106	< 0.0426
SI-19 (resampled by B-3)	05/12/04	5'-7'	0.0013	< 0.0054	< 0.0054	0.0073	< 0.0022
		11'-13'	9.740 ^{1,2,5,6,8}	43.600 ^{1,2,8}	18.400 ¹	80.400 ^B	< 0.389 ^{1,2}
		21'-23'	0.214 ^{1,2}	0.0187	0.0052	0.0109	0.0079
MW-1 (resampled by B-4)	03/10/05	7'-9'	0.0084	< 0.0057	< 0.0057	0.0057	< 0.0023
		15'-17'	4.070 ^{1,2,5,6,8}	< 4.580	7.040	29.300 ^B	< 1.830 ^{1,2}
		23'-25'	< 0.0012	< 0.0058	< 0.0058	< 0.0058	< 0.0023
MW-2	03/10/05	3'-5'	< 0.0011	< 0.0056	< 0.0056	< 0.0056	< 0.0023
		11'-13'	< 0.0009	< 0.0046	< 0.0046	< 0.0046	< 0.0018
		19'-21'	< 0.0010	< 0.0052	< 0.0052	< 0.0052	< 0.0021
MW-3	03/11/05	3'-5'	0.0014	< 0.0046	< 0.0046	< 0.0046	< 0.0019
		11'-13'	0.0034	0.0075	< 0.0040	0.0045	< 0.0016
		19'-21'	0.0030	0.0061	< 0.0037	0.0044	< 0.0015
MW-4	03/11/05	5'-7'	0.839 ^{1,2,5}	< 2.360	2.540	5.140	< 0.943 ^{1,2}
		11'-13'	8.720 ^{1,2,5,6,8}	30.900 ^{1,2}	7.090	33.900 ^B	< 1.740 ^{1,2}
		23'-25'	8.180 ^{1,2,5,6,8}	29.900 ^{1,2}	8.050	37.400 ^B	< 0.430 ^{1,2}
MW-5	03/11/05	3'-5'	< 0.0011	< 0.0053	< 0.0053	< 0.0053	< 0.0021
		11'-13'	0.0036	0.0068	< 0.0043	0.0046	< 0.0017
		19'-21'	0.0022	0.0043	< 0.0038	< 0.0038	< 0.0015
MW-6 (resampled by B-17)	03/09/05	7'-9'	0.0033	0.0067	< 0.0041	0.0048	< 0.0016
		15'-17'	1.350 ^{1,2,5}	< 2.140	2.490	2.790	< 0.857 ^{1,2}
		19'-21'	0.248 ^{1,2}	< 0.191	1.710	0.972	< 0.0764
MW-7	03/09/05	7'-9'	0.0020	< 0.0040	< 0.0040	< 0.0040	< 0.0016
		15'-17'	< 0.0103	< 0.051	0.686	0.947	< 0.0205
		19'-21'	0.0015	< 0.0039	< 0.0039	< 0.0039	< 0.0016
Soil Component of Groundwater Ingestion	Class I	0.03	12	13	150	0.32	
	Class II	0.17	29	19	150	0.32	
Soil Ingestion Remediation Objectives	Residential	12	16,000	7,800	16,000	780	
	Commercial	100	410,000	200,000	410,000	20,000	
Soil Outdoor Inhalation Remediation Objectives	Residential	0.8	650	400	320	8,800	
	Commercial	1.6	650	400	320	8,800	
Construction Worker Remediation Objectives	Soil Ingestion	2,300	410,000	20,000	41,000	2,000	
	Soil Outdoor Inhalation	2.2	42	58	5.6	140	

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

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- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded

Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-8	03/11/05	1'-3'	0.0103	< 0.0047	< 0.0047	< 0.0047	0.0043
		9'-11'	0.0052	0.0074	< 0.0039	0.0087	0.0103
		19'-21'	0.0299	0.0055	0.0109	0.0054	< 0.0014
MW-9 (resampled by B-13)	03/09/05	5'-7'	0.0018	< 0.0047	< 0.0047	< 0.0047	< 0.0019
		17'-19'	0.200 ^{1,2}	0.0062	0.0676	0.0178	< 0.0016
		19'-21'	0.0020	< 0.0040	< 0.0040	< 0.0040	< 0.0016
MW-10 (resampled by B-3)	03/10/05	5'-7'	0.438 ^{1,2}	< 0.0056	0.0135	0.0154	0.0027
		15'-17'	19.100 ^{1,2,3,5,6,8}	2.760	28.500 ^{1,2}	76.400 ⁸	< 0.945 ^{1,2}
		19'-21'	0.0012	< 0.0049	< 0.0049	0.0055	0.0094
MW-11 (resampled by B-10)	03/10/05	5'-7'	< 0.0010	< 0.0051	< 0.0051	< 0.0051	< 0.0021
		17'-19'	0.0399 ¹	< 0.118	0.292	0.170	< 0.0472
		19'-21'	< 0.0012	< 0.0062	< 0.0062	< 0.0062	< 0.0025
MW-12	03/09/05	3'-5'	< 0.0010	< 0.0051	< 0.0051	< 0.0051	< 0.0020
		9'-11'	0.0033	0.0050	< 0.0040	< 0.0040	< 0.0016
		19'-21'	0.0032	0.0045	< 0.0045	< 0.0045	< 0.0018
MW-13	09/21/06	6'-8'	< 0.0018	< 0.0018	< 0.0018	< 0.0046	< 0.0018
		12'-14'	0.0025	0.0046	0.0018	< 0.0041	< 0.0016
MW-14	09/21/06	8'-10'	0.0025	0.0044	0.0018	0.0040	< 0.0016
		14'-16'	0.0292	0.0049	0.0276	0.0063	< 0.0016
MW-15	09/21/06	8'-10'	0.0030	0.0055	0.0023	0.0049	< 0.0017
		14'-16'	0.0024	0.0047	0.0019	0.0040	< 0.0015
MW-16	09/21/06	8'-10'	< 0.0019	< 0.0019	< 0.0019	< 0.0048	< 0.0019
		14'-16'	< 0.0016	0.0026	< 0.0016	< 0.0041	< 0.0016
MW-17	09/21/06	8'-10'	0.0033	0.0054	0.0023	0.0052	< 0.0017
		14'-16'	0.0025	0.0048	0.0019	0.0040	< 0.0016
MW-18	09/21/06	6'-8'	< 0.0200	< 0.0020	< 0.0020	< 0.0050	< 0.0020
		12'-14'	0.0023	0.0048	0.0020	0.0041	< 0.0016
MW-19	09/21/06	6'-8'	< 0.0020	< 0.0020	< 0.0020	< 0.0049	< 0.0020
		12'-14'	0.0026	0.0053	0.0022	0.0042	< 0.0015
MW-20	09/21/06	8'-10'	< 0.0014	0.0032	0.0024	< 0.0036	< 0.0014
		14'-16'	0.0033	0.0058	0.0020	< 0.0038	< 0.0015
MW-21	09/21/06	8'-10'	< 0.0017	< 0.0017	0.0106	0.0065	< 0.0017
		14'-16'	0.0023	0.0041	0.0017	< 0.0039	< 0.0016
GP-1 (resampled by B-3)	07/23/13	15'	0.567 ^{1,2}	0.0345	1.720	0.100	< 0.00391
GP-2 (resampled by B-2)	07/23/13	15'	< 0.0107	0.0134	0.0660	0.0193	< 0.00379
GP-3 (resampled by B-1)	07/23/13	15'	0.0197	< 0.00390	< 0.00390	< 0.0117	< 0.00390
Soil Component of Groundwater Ingestion	Class I		0.03	12	13	150	0.32
	Class II		0.17	29	19	150	0.32
Soil Ingestion Remediation Objectives	Residential		12	16,000	7,800	16,000	780
	Commercial		100	410,000	200,000	410,000	20,000
Soil Outdoor Inhalation Remediation Objectives	Residential		0.8	650	400	320	8,800
	Commercial		1.6	650	400	320	8,800
Construction Worker Remediation Objectives	Soil Ingestion		2,300	410,000	20,000	41,000	2,000
	Soil Outdoor Inhalation		2.2	42	58	5.6	140

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

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Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
B-1	06/17/20	1'-3'	< 0.00434	< 0.00434	< 0.00434	< 0.0130	< 0.00434
		5'-7'	< 0.00450	< 0.00450	< 0.00450	< 0.0135	< 0.00450
		12'-15'	< 0.0107	< 0.0107	< 0.0107	< 0.0321	< 0.0107
		15'-17'	5.95 ^{1,2,5,6,8}	< 0.208	24.8 ^{1,2}	75.3 ^B	0.280
		20'-22'	< 0.0139	< 0.0139	0.0140	< 0.0418	< 0.0139
B-2	06/17/20	1'-3'	< 0.0138	< 0.0138	< 0.0138	< 0.0415	< 0.0138
		7'-10'	0.739 ^{1,2}	< 0.218	< 0.218	< 0.655	< 0.218
		10'-12'	1.78 ^{1,2,5,6}	< 0.124	0.162	< 0.372	< 0.124
		15'-17'	2.79 ^{1,2,5,6,8}	0.210	1.10	< 0.615	< 0.205
		20'-22'	0.0549 ¹	< 0.0133	< 0.0133	< 0.0398	< 0.0133
B-3	06/17/20	3'-5'	< 0.00540	< 0.00540	< 0.00540	0.0168	< 0.00540
		5'-7'	< 0.00381	< 0.00381	< 0.00381	< 0.0114	< 0.00381
		13'-15'	0.293 ^{1,2}	< 0.0952	< 0.0952	< 0.2860	< 0.0952
		15'-16'	3.39 ^{1,2,5,6,8}	0.327	26.4 ^{1,2}	17.1 ^B	< 0.103
		20'-21'	0.0130	< 0.00398	0.0708	0.0771	0.0137
B-4	06/17/20	3'-5'	< 0.00469	< 0.00469	< 0.00469	< 0.0141	< 0.00469
		7'-10'	< 0.00428	< 0.00428	< 0.00428	< 0.0129	< 0.00428
		10'-12'	3.46 ^{1,2,5,6,8}	< 0.380	7.41	< 1.14	< 0.152
		15'-17'	2.27 ^{1,2,5,6,8}	< 0.377	16.3 ¹	6.69 ^B	< 0.151
		20'-22.5'	< 0.0110	< 0.0110	< 0.0110	< 0.0330	< 0.0110
B-5	06/17/20	3'-5'	0.281 ^{1,2}	< 0.240	1.32	1.29	< 0.240
		7'-10'	0.419 ^{1,2}	< 0.409	11.6	9.91 ^B	< 0.164
		10'-12'	3.79 ^{1,2,5,6,8}	8.48	50.2 ^{1,2}	217 ^{1,2,8}	< 0.294
		17'-20'	0.197 ^{1,2}	0.0163	7.48	0.427	< 0.0135
		20'-21'	6.97 ^{1,2,5,6,8}	3.30	38.1 ^{1,2}	148 ^B	< 0.173
B-6	06/17/20	1'-3'	< 0.0146	< 0.0146	< 0.0146	< 0.0438	< 0.0146
		7'-10'	3.63 ^{1,2,5,6,8}	0.265	8.93	1.70	< 0.106
		10'-12'	16.9 ^{1,2,3,5,6,8}	6.69	44.6 ^{1,2}	151 ^{1,2,8}	< 0.251
		15'-17'	2.84 ^{1,2,5,6,8}	0.210	< 0.395	< 1.19	0.00607
		20'-22'	11.9 ^{1,2,5,6,8}	2.85	24.2 ^{1,2}	73.6 ^B	< 0.298
B-7	06/17/20	3'-5'	0.231 ^{1,2}	0.00674	0.0803	0.143	< 0.00632
		7'-10'	3.34 ^{1,2,5,6,8}	< 0.432	15.7 ¹	1.61	< 0.00578
		10'-12'	18.4 ^{1,2,3,5,6,8}	4.75	75.8 ^{1,2,8}	175 ^{1,2,8}	< 0.301
		15'-17'	0.390 ^{1,2}	0.0421	0.209	0.380	< 0.00565
		20'-21'	0.0544 ¹	0.0312	5.18	10.6 ^B	0.0743
Soil Component of Groundwater Ingestion	Class I	0.03	12	13	150	0.32	
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Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
B-8	06/18/20	1'-3'	< 0.00566	0.00691	< 0.00566	< 0.0170	< 0.00566
		7'-8'	< 0.00621	< 0.00621	< 0.00621	< 0.0186	< 0.00621
		12'-15'	< 0.00616	< 0.00616	< 0.00616	< 0.0185	< 0.00616
		17'-20'	< 0.0145	< 0.0145	< 0.0145	< 0.0434	< 0.0145
		20'-21'	0.0144	0.0170	0.00739	< 0.0182	< 0.00606
B-9	06/18/20	3'-5'	< 0.00615	< 0.00615	< 0.00615	< 0.0184	< 0.00615
		7'-8'	< 0.00588	< 0.00588	< 0.00588	< 0.0176	< 0.00588
		12'-13'	< 0.00598	< 0.00598	< 0.00598	< 0.0179	< 0.00598
		15'-17'	< 0.0146	< 0.0146	< 0.0146	< 0.0439	< 0.0146
		20'-20.5'	0.00978	0.0200	0.00809	< 0.0169	< 0.00563
B-10	06/18/20	2'-3'	< 0.00573	< 0.00573	< 0.00573	< 0.0172	< 0.00573
		7'-10'	< 0.00591	< 0.00591	< 0.00591	< 0.0177	< 0.00591
		12'-13'	0.0176	0.0353	0.0138	0.0248	< 0.00572
		17'-20'	< 0.0243	< 0.243	0.522	< 0.729	< 0.243
		20'-22'	< 0.0229	< 0.229	< 0.229	< 0.688	< 0.229
B-11	06/18/20	2'-3'	< 0.00475	< 0.00475	< 0.00475	< 0.0142	< 0.00475
		7'-8'	< 0.0135	< 0.0135	< 0.0135	< 0.0405	< 0.0135
		12'-15'	< 0.0135	< 0.0135	< 0.0135	< 0.0405	< 0.0135
		15'-17'	< 0.0135	< 0.0135	< 0.0135	< 0.0405	< 0.0135
		20'-22'	< 0.00477	< 0.00477	< 0.00477	< 0.0143	< 0.00477
B-12	06/18/20	2'-3'	< 0.00461	< 0.00461	< 0.00461	< 0.0138	< 0.00461
		7'-10'	0.00894	0.0165	0.00720	< 0.0141	< 0.00471
		12'-15'	0.0837 ¹	0.164	2.76	0.718	< 0.0541
		18'-20'	0.554 ^{1,2}	< 0.0552	0.299	0.303	< 0.0552
		20'-21'	0.129 ¹	0.0189	0.0494	0.0560	< 0.00412
B-13	06/18/20	2'-3'	< 0.00425	< 0.00425	< 0.00425	< 0.0128	< 0.00425
		7'-8'	0.0125	0.0232	0.00994	0.0189	< 0.00401
		12'-13'	< 0.0209	0.0546	< 0.0523	< 0.157	< 0.0523
		17'-20'	< 0.0237	< 0.0593	< 0.0593	< 0.178	< 0.0593
		20'-21'	< 0.0221	< 0.0552	< 0.0552	< 0.166	< 0.0552
B-14	06/18/20	3'-5'	< 0.0232	< 0.0580	< 0.0580	< 0.174	< 0.0580
		7'-10'	0.0254	0.0509	0.493	4.22	< 0.0508
		10'-13'	< 0.0185	< 0.0463	0.106	< 0.139	< 0.0463
		15'-17'	0.0311 ¹	< 0.0598	< 0.0598	< 0.179	< 0.0598
		20'-21'	0.0674 ¹	< 0.0504	0.622	0.881	< 0.0504
Soil Component of Groundwater Ingestion	Class I	0.03	12	13	150	0.32	
	Class II	0.17	29	19	150	0.32	
Soil Ingestion Remediation Objectives	Residential	12	16,000	7,800	16,000	780	
	Commercial	100	410,000	200,000	410,000	20,000	
Soil Outdoor Inhalation Remediation Objectives	Residential	0.8	650	400	320	8,800	
	Commercial	1.6	650	400	320	8,800	
Construction Worker Remediation Objectives	Soil Ingestion	2,300	410,000	20,000	41,000	2,000	
	Soil Outdoor Inhalation	2.2	42	58	5.6	140	

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in bold.

Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Superscripts:

- 1-Class I Soil Component of Groundwater Remediation Objective exceeded
- 2-Class II Soil Component of Groundwater Remediation Objective exceeded
- 3-Residential Soil Ingestion Remediation Objective exceeded
- 4-Commercial Soil Ingestion Remediation Objective exceeded

- 5-Residential Soil Outdoor Inhalation Remediation Objective exceeded
- 6-Commercial Soil Outdoor Inhalation Remediation Objective Exceeded
- 7-Construction Worker Soil Ingestion Remediation Objective exceeded
- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded

Table I
Summary of Soil Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
B-15	06/18/20	2'-3'	< 0.0251	0.0665	< 0.0629	< 0.189	< 0.0629
		7'-10'	0.0681 ¹	0.133	1.59	7.56 ⁸	< 0.0565
		13'-15'	< 0.0291	< 0.0727	1.20	4.07	< 0.0727
		15'-17'	0.0484 ¹	< 0.0583	0.769	0.386	< 0.0583
		20'-21'	0.0517 ¹	< 0.0472	1.04	0.302	< 0.0472
B-16	06/18/20	2'-3'	< 0.0262	< 0.0656	< 0.0656	< 0.1970	< 0.0656
		7'-8'	< 0.0203	0.0606	< 0.0507	< 0.152	< 0.0507
		10'-12'	0.0316 ¹	0.346	26.0 ^{1,2}	83.3 ⁸	< 0.211
		15'-18'	< 0.0216	0.0592	0.471	1.49	< 0.0539
		20'-23'	< 0.0208	< 0.0520	0.0933	< 0.156	< 0.0520
B-17	06/18/20	2'-3'	< 0.0248	< 0.0619	< 0.0619	< 0.186	< 0.0619
		7'-8'	< 0.0225	0.0757	< 0.0562	< 0.168	< 0.0562
		12'-15'	< 0.0202	< 0.0504	< 0.0504	< 0.151	< 0.0504
		17'-20'	0.604 ^{1,2}	0.235	2.71	1.41	< 0.190
		20'-23'	0.120 ¹	0.0739	0.697	0.225	< 0.0539
B-18	06/18/20	2'-3'	< 0.0248	< 0.0621	< 0.0621	< 0.186	< 0.0621
		7'-8'	< 0.0214	0.0545	< 0.0535	< 0.160	< 0.0535
		13'-15'	< 0.0200	0.102	0.373	< 0.150	< 0.0501
		17'-20'	0.163 ¹	< 0.0534	1.82	3.41	< 0.0534
		21'-22'	0.0554 ¹	< 0.0703	1.42	1.23	< 0.0703
MW-101	02/12/21	2'-3'	< 0.0260	< 0.0649	< 0.0649	< 0.195	< 0.0649
		7'-8'	< 0.0219	< 0.0546	< 0.0546	< 0.164	< 0.0546
		12'-13'	< 0.0241	< 0.0601	< 0.0601	< 0.180	< 0.0601
		17'-18'	< 0.0224	< 0.0559	< 0.0559	< 0.168	< 0.0559
		22'-23'	< 0.0203	< 0.0507	< 0.0507	< 0.152	< 0.0507
Soil Component of Groundwater Ingestion	Class I	0.03	12	13	150	0.32	
	Class II	0.17	29	19	150	0.32	
Soil Ingestion Remediation Objectives	Residential	12	16,000	7,800	16,000	780	
	Commercial	100	410,000	200,000	410,000	20,000	
Soil Outdoor Inhalation Remediation Objectives	Residential	0.8	650	400	320	8,800	
	Commercial	1.6	650	400	320	8,800	
Construction Worker Remediation Objectives	Soil Ingestion	2,300	410,000	20,000	41,000	2,000	
	Soil Outdoor Inhalation	2.2	42	58	5.6	140	

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in **bold**.

Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Superscripts:

- 1-Class I Soil Component of Groundwater Remediation Objective exceeded
- 2-Class II Soil Component of Groundwater Remediation Objective exceeded
- 3-Residential Soil Ingestion Remediation Objective exceeded
- 4-Commercial Soil Ingestion Remediation Objective exceeded

- 5-Residential Soil Outdoor Inhalation Remediation Objective exceeded
- 6-Commercial Soil Outdoor Inhalation Remediation Objective Exceeded
- 7-Construction Worker Soil Ingestion Remediation Objective exceeded
- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded

Table II
Summary of Soil Analytical Results - PNA

Sample ID	Date Sampled	Depth (feet)	Acaphthene	Arenaphthene	Anthracene	Benz(a)-anthracene	Benz(a)pyrene	Benz(b)fluoranthene	Benz(e)pyrene	Fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Benzofluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
NW-1	09/03/03	7	0.014	0.029	0.011	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
NW-2	09/03/03	7	0.026	0.016	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
NW-3	09/03/03	7	0.034	0.060	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
NW-4	09/03/03	7	0.036	0.036	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
NW-1	09/03/03	7	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
NW-2	09/03/03	7	0.036	0.036	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
EW-1	09/03/03	7	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
KW-2	09/03/03	7	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
FL-1	09/03/03	11	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
FL-2	09/03/03	11	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
FL-3	09/03/03	11	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
FL-4	09/03/03	11	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
FL-5	09/03/03	11	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
FL-6	09/03/03	11	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
FL-7	09/03/03	11	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
FL-8	09/03/03	11	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
CS-1	09/03/03	0.030	0.030	0.030	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
SI-1	05/10/04	3-5'	0.036	0.036	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
SI-2	05/10/04	13-15'	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
SI-3	05/10/04	19-20'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
SI-4	05/10/04	21-22'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
SI-5	05/10/04	27'	0.038	0.038	0.013	0.010	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
SI-6	05/10/04	9-11'	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
Soil Component of Groundwater Ingestion	Class I	570	443	443	12,000	2	8	5	15,000	40	160	2	4,000	360	14	12	140	4,200
Soil Component of Groundwater Ingestion	Class II	2,900	215	215	59,000	8	82	26	82,000	250	800	76	21,000	2,300	69	18	710	21,000
Soil Component of Groundwater Ingestion	Residential	4,700	2,400	2,400	23,000	6.9	6.9	6.9	2,300	9	88	0.99	3,100	3,100	0.9	1,600	2,300	2,300
Soil Component of Groundwater Ingestion	Commercial	130,000	61,000	61,000	610,000	8	8	8	61,000	78	780	0.8	82,000	82,000	8	41,000	61,000	61,000
Soil Component of Groundwater Ingestion	Residential	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soil Component of Groundwater Ingestion	Commercial	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soil Component of Groundwater Ingestion	Non-Residential	132,000	61,000	610,000	610,000	170	17	170	61,000	1,700	17,000	17	82,000	82,000	170	41,000	61,000	61,000
Soil Component of Groundwater Ingestion	Soil Outside Inhalation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soil Component of Groundwater Ingestion	Chicago Area	0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99	1.2	0.2	0.2	2.7	0.1	0.86	0.84	1.3	1.9
Soil Component of Groundwater Ingestion	Metropolitan Area	0.13	0.07	0.40	1.8	2.1	2.1	1.7	2.7	2.7	0.042	4.1	0.18	1.6	0.42	2.5	2.5	3
Soil Component of Groundwater Ingestion	Non-Metropolitan Area	0.04	0.04	0.14	0.72	0.98	0.7	0.84	0.63	1.1	1.1	0.15	1.8	0.04	0.51	0.17	0.99	1.2

Note: Analytical testing results for PNAs are expressed in parts-per-million (ppm) concentrations.
 Note: Reporting limits varies for each sample and analysis. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "nd" is typically the laboratory detection limit.
 1-Construction Worker Soil Ingestion Remediation Objective exceeded
 2-Class II Soil Component of Groundwater Remediation Objective exceeded
 3-Commercial Soil Ingestion Remediation Objective exceeded
 4-Commercial Soil Ingestion Remediation Objective exceeded
 5-Commercial Soil Outside Inhalation Remediation Objective exceeded
 6-Commercial Soil Outside Inhalation Remediation Objective exceeded
 7-Construction Worker Soil Ingestion Remediation Objective exceeded
 8-Construction Worker Soil Outside Inhalation Remediation Objective exceeded
 9-Chicago Area Background Concentration exceeded
 10-Metropolitan Area Background Concentration exceeded
 11-Non-Metropolitan Area Background Concentration exceeded

Table II
Summary of Soil Analytical Results - PNA

Sample ID	Date Sampled	Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	
SI-7	05/11/04	4'-5'	0.039 *	0.010	0.013	0.013	0.013	0.013	0.010	0.010	0.010	0.010	0.055 *	0.017 *	0.010	
		7'-8'	0.055 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.017 *	0.012	0.012
SI-8	05/11/04	11'-13'	0.038 *	0.010	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.051 *	0.013	0.013	0.013
		14'-20'	0.034 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.017 *	0.012	0.012
SI-9	05/11/04	13'-15'	0.036 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.047 *	0.012	0.012
		15'-20'	0.036 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.048 *	0.012	0.012
SI-10	05/11/04	7'-9'	0.038 *	0.010	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.11 *	0.013	0.013	0.013
		9'-11'	0.038 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.055 *	0.012	0.012
SI-11	05/11/04	13'-15'	0.038 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
		15'-20'	0.037 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.052 *	0.012	0.012
SI-12	05/11/04	13'-15'	0.035 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.052 *	0.012	0.012
		21'-23'	0.035 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.052 *	0.012	0.012
SI-13	05/11/04	13'-15'	0.029 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
		15'-20'	0.027 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
SI-14	05/11/04	9'-11'	0.038 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
		19'-20'	0.034 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
SI-15	05/11/04	9'-11'	0.038 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
		21'-23'	0.035 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
SI-16	05/12/04	7'-9'	0.036 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.048 *	0.012	0.012
		19'-20'	0.034 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.048 *	0.012	0.012
SI-17	05/12/04	3'-5'	0.038 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
		19'-20'	0.038 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
SI-18	05/12/04	17'-19'	0.034 *	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
		21'-23'	0.034 *	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.051 *	0.012	0.012
Soil Component of Groundwater Ingestion	Class I	570	43	12,000	2	8	5	16,000	49	160	2	14	12	12	140	4,200
		2,900	215	59,000	8	82	25	82,000	250	802	69	74	2,800	2,800	710	21,000
Soil Ingestion Remediation Objective	Residential	4,700	2,300	23,000	0.9	0.97	0.9	2,300	88	88	3,100	0.9	1,600	3,400	2,800	2,800
		120,000	61,000	610,000	8	0.8	8	61,000	78	780	82,000	8	41,000	82,000	61,000	61,000
Soil Outdoor Inhalation Remediation Objective	Residential	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Construction Worker Soil Ingestion Remediation Objective	Commercial	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Concentrations of PNAs in Background Soils	Non-Metro Area	0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99	1.2	0.2	0.46	0.84	0.84	1.3	1.9
		0.13	0.07	0.46	1.8	2.1	2.1	1.7	1.7	2.7	0.83	4.1	0.18	0.2	2.5	3

Note: Reporting limits values for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "nd" is typically the laboratory detection limit.

- 1-Cl-1: Soil Component of Groundwater Remediation Objective exceeded
- 2-Cl-1: Soil Component of Groundwater Remediation Objective exceeded
- 3-Cl-1: Soil Component of Groundwater Remediation Objective exceeded
- 4-Cl-1: Soil Component of Groundwater Remediation Objective exceeded
- 5-Cl-1: Soil Component of Groundwater Remediation Objective exceeded
- 6-Cl-1: Soil Component of Groundwater Remediation Objective exceeded
- 7-Construction Worker Soil Ingestion Remediation Objective exceeded
- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded
- 9-Chicago Area Background Concentration exceeded
- 10-Metro Area Background Concentration exceeded
- 11-Non-Metro Area Background Concentration exceeded

Table II
Summary of Soil Analytical Results - PNA

Sample ID	Date Sampled	Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(e)pyrene	Benz(a)pyrene	Benzo(a)anthracene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
S1-19	05/12/04	11-13'	0.038	0.038	0.013	0.009	0.010	0.012	0.010	0.013	0.010	0.013	0.025	0.013	0.010	0.060	0.010	0.010
		21-23'	0.035	0.035	0.012	0.009	0.010	0.012	0.010	0.012	0.010	0.012	0.023	0.012	0.010	0.060	0.010	0.010
MW-1	03/10/05	7-9'	0.030	0.030	0.008	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.020	0.010	0.010	0.040	0.010	0.010
		21-23'	0.030	0.030	0.008	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.020	0.010	0.010	0.040	0.010	0.010
MW-2	03/10/05	3-5'	0.039	0.039	0.013	0.010	0.013	0.013	0.013	0.013	0.013	0.013	0.026	0.013	0.013	0.052	0.013	0.013
		11-13'	0.035	0.035	0.012	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.023	0.012	0.012	0.046	0.012	0.012
MW-3	03/11/05	11-13'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
		19-21'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
MW-4	03/11/05	5-7'	0.035	0.035	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.026	0.012	0.012	0.052	0.012	0.012
		11-13'	0.037	0.037	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.026	0.012	0.012	0.052	0.012	0.012
MW-5	03/11/05	3-5'	0.037	0.037	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.025	0.012	0.012	0.052	0.012	0.012
		11-13'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
MW-6	03/09/05	15-17'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
		19-21'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
MW-7	03/08/05	7-9'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
		15-17'	0.035	0.035	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.023	0.012	0.012	0.046	0.012	0.012
MW-8	03/11/05	15-17'	0.036	0.036	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.024	0.012	0.012	0.046	0.012	0.012
		19-21'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
MW-9	03/09/05	17-19'	0.037	0.037	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.025	0.012	0.012	0.046	0.012	0.012
		19-21'	0.034	0.034	0.011	0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.023	0.011	0.011	0.046	0.011	0.011
MW-10	03/10/05	15-17'	0.036	0.036	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.024	0.012	0.012	0.046	0.012	0.012
		19-21'	0.038	0.038	0.013	0.010	0.013	0.013	0.013	0.013	0.013	0.013	0.025	0.013	0.013	0.051	0.013	0.013
MW-11	03/10/05	17-19'	0.037	0.037	0.012	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.025	0.012	0.012	0.046	0.012	0.012
		19-21'	0.030	0.030	0.010	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.020	0.010	0.010	0.041	0.010	0.010
Soil Component of Groundwater Ingestion Remediation Objectives	Residential	Class I	570	43	32,000	2	8	5	16,000	49	160	2	4,300	569	14	12	140	4,800
		Class II	2,900	215	59,000	8	82	25	82,000	250	800	7.6	21,000	2,800	69	18	710	21,000
Soil Ingestion Remediation Objectives	Commercial	Residential	4,760	2,300	23,000	0.9	6.0	6.7	2,300	9	88	0.89	3,100	3,100	0.9	1,600	2,300	2,100
		Commercial	120,000	61,000	610,000	8	0.8	8	61,000	78	780	0.8	92,000	82,000	8	41,000	61,000	61,000
Soil Outdoor Inhalation Remediation Objectives	Commercial	Residential	—	—	—	—	—	—	—	—	—	—	—	—	—	170	—	—
		Commercial	120,000	61,000	610,000	170	17	170	61,000	1,100	17,000	17	92,000	82,000	170	4,100	61,000	61,000
Concentrations of FNA's in Background Soil	Non-Metro Area	Chicago Area	0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99	1.2	2.7	2.7	0.86	0.84	1.3	6.2	1.9
		Metro Area	0.13	0.07	0.40	1.8	2.1	2.1	1.7	2.7	2.7	0.43	4.1	0.18	1.6	0.2	2.5	3
		Non-Metro Area	0.04	0.04	0.14	0.72	0.98	0.7	0.84	0.63	1.1	0.15	1.8	0.04	0.51	0.17	0.99	1.2

Note: Analytical testing results for PNAs are expressed in parts-per-million (ppm) concentrations. Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following * is typically the laboratory detection limit.

- 1-Class I Soil Component of Groundwater Remediation Objective Exceeded
- 2-Class II Soil Component of Groundwater Remediation Objective Exceeded
- 3-Residential Soil Ingestion Remediation Objective Exceeded
- 4-Commercial Soil Ingestion Remediation Objective Exceeded
- 5-Residential Soil Outdoor Inhalation Remediation Objective Exceeded
- 6-Commercial Soil Outdoor Inhalation Remediation Objective Exceeded
- 7-Construction Worker Soil Ingestion Remediation Objective Exceeded
- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective Exceeded
- 9-Chicago Area Background Concentration Exceeded
- 10-Metro Area Background Concentration Exceeded
- 11-Non-Metro Area Background Concentration Exceeded

Table II
Summary of Soil Analytical Results - PNA

Sample ID	Date Sampled	Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(k)fluoranthene	Benzo(a)pyrene	Benz(b)fluoranthene	Benzo(e)pyrene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
MW-12	01/09/05	9'-11'	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
MW-13	09/21/06	12'-14'	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031
MW-14	09/21/06	14'-16'	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
MW-15	09/21/06	14'-16'	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
MW-16	09/21/06	14'-16'	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057
MW-17	09/21/06	14'-16'	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
MW-18	09/21/06	12'-14'	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
MW-19	09/21/06	12'-14'	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
MW-20	09/21/06	14'-16'	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
MW-21	09/21/06	14'-16'	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Soil Component of Groundwater Ingestion Remediation Objectives			43	43	12,000	2	4	5	16,000	49	1,600	2	4,300	560	14	12	140	4,200
Soil Outdoor Inhalation Remediation Objectives			2,900	215	59,000	8	82	28	82,000	250	800	70	21,000	2,900	69	18	700	21,000
Construction Worker Soil Ingestion Remediation Objective Exceeded			4,700	2,300	23,000	0.9	0.09	0.9	2,300	9	88	88	2,100	3,100	0.9	1,600	2,300	2,300
Soil Outdoor Inhalation Remediation Objective Exceeded			120,000	61,000	610,000	8	0.8	8	61,000	70	780	6.8	82,000	82,000	8	41,000	61,000	61,000
Construction Worker Soil Ingestion Remediation Objective Exceeded			—	—	—	—	—	—	—	—	—	—	—	—	—	170	—	—
Soil Outdoor Inhalation Remediation Objective Exceeded			120,000	61,000	610,000	170	170	170	61,000	1,700	17,000	17	82,000	82,000	170	4,100	61,000	61,000
Concentrations of PNAs in Background Soils			0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99	1.2	0.2	2.7	0.1	0.86	0.04	1.3	1.9
			0.13	0.07	0.40	1.8	2.1	2.1	1.7	1.7	2.7	0.042	4.1	0.18	1.6	0.42	2.5	3
			0.04	0.01	0.14	0.72	0.98	0.7	0.84	0.63	1.1	0.15	1.8	0.04	0.51	0.17	0.99	1.2

Note: Analytical testing results for PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the EPA TACO Tier 1 SROs in bold.

- Superscripts
- 1-Class I Soil Component of Groundwater Remediation Objective exceeded
- 2-Class II Soil Component of Groundwater Remediation Objective exceeded
- 3-Residential Soil Ingestion Remediation Objective exceeded
- 4-Commercial Soil Ingestion Remediation Objective exceeded
- 5-Residential Soil Outdoor Inhalation Remediation Objective exceeded
- 6-Commercial Soil Outdoor Inhalation Remediation Objective exceeded

Note: Reporting limits varied for each sample size or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is undetect, the number following "u" is typically the laboratory detection limit.

- 7-Construction Worker Soil Ingestion Remediation Objective exceeded
- 8-Construction Worker Soil Outdoor Inhalation Remediation Objective exceeded
- 9-Chicago Area Background Concentration exceeded
- 10-Chicago Area Background Concentration exceeded
- 11-Non-Metro Area Background Concentration exceeded

Table III
Summary of Groundwater Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-1	05/16/2005	6.010 ^{1,2,3,4,5,6}	< 1.000	< 1.000 ^{1,3}	2.930	< 0.400 ^{1,2}
	12/14/2006	5.650 ^{1,2,3,4,5,6}	0.326	1.100 ^{1,2,3}	3.010	< 0.100 ^{1,2}
	06/19/2020	0.243 ^{1,2,3}	< 0.0250	< 0.0250	< 0.0750	< 0.0250
MW-2	05/16/2005	0.186 ^{1,2,3}	< 0.0250	< 0.0250	< 0.0250	0.0246
	12/14/2006	0.0474 ^{1,2}	< 0.0200	0.0230	0.0560	< 0.0200
	06/19/2020	< 0.00500	< 0.00500	< 0.00500	< 0.0150	< 0.00500
MW-3	05/16/2005	< 0.0020	< 0.0050	< 0.0050	< 0.0050	< 0.0020
	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-4	05/16/2005	28.400 ^{1,2,3,4,5,6}	57.400 ^{1,2}	< 5.000 ^{1,2,3,4,5}	22.100 ^{1,2}	< 2.000 ^{1,2}
	12/14/2006	27.000 ^{1,2,3,4,5,6}	66.600 ^{1,2}	7.660 ^{1,2,3,4,5}	41.200 ^{1,2,3}	< 0.500 ^{1,2}
	06/19/2020	0.151 ^{1,2,3}	0.392	1.15 ^{1,2,3}	6.48	< 0.100 ^{1,2}
MW-5	05/16/2005	< 0.0020	< 0.0050	< 0.0050	< 0.0050	< 0.0020
	12/13/2016	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-6	05/16/2005	0.664 ^{1,2,3,4,5}	< 0.0500	0.301	0.435	< 0.0200
	12/14/2006	1.050 ^{1,2,3,4,5}	< 0.100	1.020 ^{1,2,3}	< 0.250	< 0.100 ^{1,2}
	06/19/2020	< 0.00500	< 0.00500	< 0.00500	< 0.0150	< 0.00500
MW-7	05/16/2005	0.0028	< 0.0050	0.0516	0.0441	< 0.0020
	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-8	05/16/2005	0.0828 ^{1,2}	< 0.0050	0.138	0.0310	0.0025
	12/14/2006	0.0364 ^{1,2}	< 0.0200	< 0.0200	< 0.0500	< 0.0200
	06/19/2020	0.00667 ¹	< 0.00500	< 0.00500	< 0.0150	< 0.00500
MW-9	05/16/2005	0.0221 ¹	< 0.0050	0.0161	0.0058	0.0106
	12/13/2006	0.0267 ^{1,2}	0.0022	0.0032	< 0.0050	< 0.0020
	06/19/2020	< 0.00500	< 0.00500	< 0.00500	< 0.0150	< 0.00500
MW-10	05/16/2005	12.500 ^{1,2,3,4,5,6}	4.900 ^{1,2}	< 2.500 ^{1,2,3,4,5}	7.000	< 1.000 ^{1,2}
	12/14/2006	31.700 ^{1,2,3,4,5,6}	35.800 ^{1,2}	7.220 ^{1,2,3,4,5}	35.000 ^{1,2,3}	< 0.500 ^{1,2}
	06/19/2020	0.694 ^{1,2,3,4,5}	< 0.00500	0.966 ^{1,3}	0.374	< 0.0500
IEPA TACO Tier 1 GROs Groundwater Component of Groundwater Ingestion ER	Class I	0.005	1	0.7	10	0.07
	Class II	0.025	2.5	1	10	0.07
IEPA TACO Tier 1 GROs Table H - Diffusion & Advection Indoor Inhalation ER	Residential	0.11	530	0.37	30	1,900
	Industrial/ Commercial	0.41	530	1.4	93	6,800
IEPA TACO Tier 1 GROs Table I - Diffusion Only Indoor Inhalation ER	Residential	0.41	530	1.3	96	30,000
	Industrial/ Commercial	2.6	530	8.1	110	51,000

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the most stringent IEPA TACO Tier 1 GROs **in bold**.

Note: Exceedences of the IEPA TACO Indoor Inhalation GROs **in bold and shading**.

Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Superscripts:

1-Class I GRO exceeded

2-Class II GRO exceeded

3-Table H Residential Indoor Inhalation GRO exceeded

4-Table H Industrial/Commercial Indoor Inhalation GRO exceeded

5-Table I Residential Indoor Inhalation GRO exceeded

6-Table I Industrial/Commercial Indoor Inhalation GRO exceeded

Table III
Summary of Groundwater Analytical Results - BTEX & MTBE

Sample ID	Date Collected	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-11	05/16/2005	0.0335 ^{1,2}	0.0094	0.0147	0.0314	< 0.0020
	12/13/2006	0.0311 ^{1,2}	< 0.0020	0.0062	< 0.0050	0.0192
	06/19/2020	unable to locate; searched extensively				
MW-11R	03/08/2021	< 0.00500	< 0.00500	0.0205	< 0.0150	< 0.00500
MW-12	05/16/2005	0.0071 ¹	< 0.0050	0.0374	0.0142	< 0.0020
	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-13	12/13/2006	Well Dry				
	06/19/2020	insufficient amount of water to collect sample; 0.20' of water in well				
MW-14	12/13/2006	Well Dry				
	06/19/2020	< 0.00500	< 0.00500	< 0.00500	< 0.0150	< 0.00500
MW-15	12/13/2006	Well Dry				
	06/19/2020	unable to locate; searched extensively				
MW-16	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-17	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-18	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-19	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-20	12/13/2006	< 0.0020	< 0.0020	< 0.0020	< 0.0050	< 0.0020
MW-21	12/13/2006	< 0.0020	< 0.0020	0.0132	0.0126	< 0.0020
MW-101	03/08/2021	< 0.00500	< 0.00500	< 0.00500	< 0.0150	< 0.00500
IEPA TACO Tier 1 GROs Groundwater Component of Groundwater Ingestion ER	Class I	0.005	1	0.7	10	0.07
	Class II	0.025	2.5	1	10	0.07
IEPA TACO Tier 1 GROs Table H - Diffusion & Advection Indoor Inhalation ER	Residential	0.11	530	0.37	30	1,900
	Industrial/ Commercial	0.41	530	1.4	93	6,800
IEPA TACO Tier 1 GROs Table I - Diffusion Only Indoor Inhalation ER	Residential	0.41	530	1.3	96	30,000
	Industrial/ Commercial	2.6	530	8.1	110	51,000

Note: Analytical testing results for BTEX and MTBE are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the most stringent IEPA TACO Tier 1 GROs **in bold**.

Note: Exceedences of the IEPA TACO Indoor Inhalation GROs **in bold and shading**.

Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Superscripts:

1-Class I GRO exceeded

2-Class II GRO exceeded

3-Table H Residential Indoor Inhalation GRO exceeded

4-Table H Industrial/Commercial Indoor Inhalation GRO exceeded

5-Table I Residential Indoor Inhalation GRO exceeded

6-Table I Industrial/Commercial Indoor Inhalation GRO exceeded

Table IV
Summary of Groundwater Analytical Results - PNAs

Sample ID	Date Collected	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)anthracene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
MW-1	05/16/05	< 0.00300	< 0.00150	< 0.00030	< 0.00099	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00273	< 0.00416	< 0.00030	< 0.00131	< 0.00588	< 0.00030
	12/14/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00330	< 0.00043	< 0.00779	< 0.00577	< 0.00100
MW-2	05/16/05	< 0.00200	< 0.00150	< 0.00030	< 0.00060	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/14/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-3	05/16/05	< 0.00300	< 0.00150	< 0.00030	< 0.00099	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/13/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-4	05/16/05	< 0.00750	< 0.0375	< 0.00750	< 0.00069	< 0.00015	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/14/06	< 0.00691	< 0.0400	< 0.00134	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-5	05/16/05	< 0.00500	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/13/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-6	05/16/05	< 0.00200	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/14/06	< 0.00101	< 0.00101	< 0.00101	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00121	< 0.00101	< 0.00030	< 0.00043	< 0.00061	< 0.00101	< 0.00101
MW-7	05/16/05	< 0.00300	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/13/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-8	05/16/05	< 0.00300	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/14/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-9	05/16/05	< 0.00200	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/13/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-10	05/16/05	< 0.00300	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/14/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-11	05/16/05	< 0.00300	< 0.00150	< 0.00030	< 0.00069	< 0.00012	< 0.00015	< 0.00030	< 0.00018	< 0.00045	< 0.00099	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
	12/13/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
MW-12	05/16/05	< 0.00357	< 0.00179	< 0.00036	< 0.00111	< 0.00014	< 0.00018	< 0.00036	< 0.00021	< 0.00054	< 0.00107	< 0.00036	< 0.00036	< 0.00071	< 0.00096	< 0.00096
	12/13/06	< 0.00100	< 0.00100	< 0.00100	< 0.00013	< 0.00020	< 0.00018	< 0.00100	< 0.00030	< 0.00120	< 0.00100	< 0.00030	< 0.00043	< 0.00061	< 0.00100	< 0.00100
IEPA/TACO Tier 1 GROs Groundwater Component of Groundwater Injection ER	Class I 0.43	0.21	0.00013	0.00002	0.00018	0.00018	0.00017	0.00017	0.00017	0.00015	0.00017	0.00017	0.00015	0.00017	0.00017	0.00017
IEPA/TACO Tier 1 GROs Table H - Diffusion & Adsorption Indoor Inhalation ER	Class II 2.1	L05	10.5	0.00065	0.00009	L05	0.00085	0.00085	0.00085	0.00075	1.4	0.28	0.00043	0.22	1.05	1.05
IEPA/TACO Tier 1 GROs Table I - Diffusion Only Indoor Inhalation ER	Residential Indust/Cum	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	0.075 0.32	0.475 1.8	NA NA

Note: NA = Remediation objective not applicable for specified analyte
 Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Site reports
 1-Class I Groundwater Remediation Objective exceeded
 2-Class II Groundwater Remediation Objective exceeded
 3-Table II Residential Indoor Inhalation Groundwater Remediation Objective exceeded
 4-Table II Industrial/Commercial Indoor Inhalation Groundwater Remediation Objective exceeded
 5-Table II Residential Indoor Inhalation Groundwater Remediation Objective exceeded
 6-Table II Industrial/Commercial Indoor Inhalation Groundwater Remediation Objective exceeded

Table IV
Summary of Groundwater Analytical Results - PNAAs

Sample ID	Date Collected	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(k)fluoranthene	Benz(a,h)pyrene	Benzofluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
MW-13	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-14	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-15	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-17	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-18	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-19	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-20	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MW-21	12/13/06	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
IEPA TACO Tier I GROs Groundwater Comparison of Groundwater Ingestion ER	Class I	0.42	0.21	2.1	0.0013	0.0013	0.0013	0.0017	0.0017	0.0015	0.0013	0.28	0.0013	0.14	0.21	0.21
IEPA TACO Tier I GROs Table H - Diffusion & Advection Indoor Inhalation ER	Class II	2.1	1.05	10.5	0.0065	0.0065	0.0065	0.0085	0.0085	0.0075	0.0065	1.4	0.0065	0.22	1.05	1.05
IEPA TACO Tier I GROs Table H - Diffusion Only Indoor Inhalation ER	Residential	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.075	NA	NA
	Industrial/Com	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.32	0.32	NA
	Residential	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	1.8	NA
	Industrial/Com	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	13	NA

Note: Analytical testing results for PNAAs are expressed in parts-per-million (ppm) concentrations
 Note: Exceedences of the most stringent IEPA TACO Tier I GROs are bold
 Note: Exceedences of the IEPA TACO Indoor Inhalation GROs are bold and shading
 Note: NA = Remediation objective not applicable for specified analyte
 Note: Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte


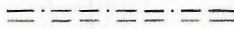
- 1-Class I Groundwater Remediation Objective exceeded
- 2-Class II Groundwater Remediation Objective exceeded
- 3-Table H Residential Indoor Inhalation Groundwater Remediation Objective exceeded
- 4-Table H Industrial/Commercial Indoor Inhalation Groundwater Remediation Objective exceeded
- 5-Table H Residential Indoor Inhalation Groundwater Remediation Objective exceeded
- 6-Table H Industrial/Commercial Indoor Inhalation Groundwater Remediation Objective exceeded

**FIGURE FOR EXHIBIT C
CITY OF MAROA
HIGHWAY AUTHORITY AGREEMENT**

Freedom Oil Company Service Station Property
101 South Wood Street
Maroa, Illinois

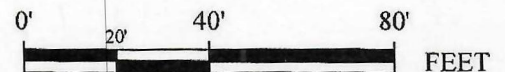


LEGEND


-  PROJECT PROPERTY LINE
-  PROPERTY / PARCEL LINE



AREA OF CITY OF MAROA
HIGHWAY AUTHORITY AGREEMENT



1" = 40'

 GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217-726-7569)	HIGHWAY AUTHORITY AGREEMENT AREA MAP		PREPARED WOLFE	DATE 04/2021
	FREEDOM OIL COMPANY 101 SOUTH WOOD STREET MAROA, ILLINOIS 61756		DRAWN WOLFE	DATE 04/2021
INCIDENT NO. 2003-0905	FILE NAME FREEDOM MAROA - SAF	APPROVED WIENHOFF	DATE 04/2021	PROJECT NO. 300
			FIGURE C	