

HIGHWAY AUTHORITY AGREEMENT

This Agreement is entered into this ____ day of _____, 20__ pursuant to 35 Ill. Adm. Code 742.1020 by and between the (1) GRAHAM C.-STORES COMPANY, (“Owner/Operator”) and (2) the COUNTY OF LAKE, Illinois, an Illinois body politic and corporate, acting by and through its Chair and County Board, hereinafter referred to as the COUNTY (“Highway Authority”), collectively known as the (“Parties”).

WHEREAS, GRAHAM C.-STORES COMPANY, is the owner or operator of one or more leaking underground storage tanks presently or formerly located at 221 West Rollins Road, Round Lake Beach, Illinois 60073 (“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 the 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 or Property Owner 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 Environmental Protection Agency (“the Agency”) has assigned incident number(s) 20170153 to the Release(s).
3. Attached as Exhibit A is 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. Because the collection of samples within the Right-of-Way is not practical, the Parties stipulate that, based on modeling, soil and groundwater contamination exceeding Tier 1 residential remediation objectives does not and will not extend beyond the boundaries of the Right-of-Way.
7. 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.
8. The Highway Authority agrees to prohibit within the Right-of-Way all potable and domestic uses of groundwater exceeding Tier 1 residential remediation objectives.
9. 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 to 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.

1. This agreement shall be referenced in the Agency's no further remediation determination issued for the Release(s).
2. 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 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.

3. 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.
4. 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.
5. This agreement shall be null and void if a court of competent jurisdiction strikes down any part or provision of the agreement.
6. This agreement supersedes 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.
7. 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
2520 W Iles Ave
P.O. Box 19276
Springfield, Illinois 62974-9276

Owner/Operator

Graham C.-Stores Company
Attn: Mr. Thomas Williamson
39109 North Highway 41
Wadsworth, IL 60083

Highway Authority

Lake County Division of Transportation
Attn: County Engineer
600 West Winchester Road
Libertyville, Illinois 60048
Phone: (847) 377-7400

SUPPLEMENTAL HIGHWAY AUTHORITY AGREEMENT
221 West Rollins Road, Round Lake Beach, Illinois 60073

This SUPPLEMENTAL HIGHWAY AUTHORITY AGREEMENT (“Supplemental HAA”) is entered into this ____ day of _____, 20____ by and between Graham C.-Stores Company, as current or former owner or operator of underground storage tank(s) (“Owner/Operator”), and the COUNTY OF LAKE, Illinois, an Illinois body politic and corporate, acting by and through its Chair and County Board, hereinafter referred to as the County. Owner/Operator and the County collectively are referred to as the “Parties”, and the Parties agree as follows:

1. Owner/Operator has owned or operated a retail gasoline service station at 221 West Rollins Road, Round Lake Beach, Illinois 60073. Owner/Operator has reported release of petroleum from the Underground Storage Tank (UST) system located on this service station property. Owner/Operator stipulates:

a. Owner/Operator is requesting a “No Further Remediation” (NFR) letter from the Illinois Environmental Protection Agency for the regulatory environmental closure and resolution of the release pursuant to 35 Ill. Admin. Code Part 742.

b. Owner/Operator is pursuing corrective action at 221 West Rollins Road, Round Lake Beach, Illinois 60073 and in the rights-of-way adjacent to the boundaries of the site located within Lake County, Illinois (hereinafter the “Site”). The Owner/Operator agrees to comply with Chapter 90 of the Lake County Code of Ordinances, as amended, and to pay all applicable permitting fees in conjunction with any future corrective action at the Site.

c. Owner/Operator and the County have agreed to enter into a Highway Authority Agreement, in the form and content required by the Illinois Environmental Protection Agency, and this Supplemental HAA as part of the corrective action at the Site.

d. Attached as Exhibit A to the Highway Authority Agreement, and incorporated by reference herein, is a site map that shows the area of estimated contaminant-impacted soil and/or groundwater at the time of the Highway Authority Agreement in the right-of-way above Tier 1 residential levels under 35 Ill. Admin. Code Part 742. Attached as Exhibit B to the Highway Authority Agreement, and incorporated by reference herein, are tables showing the concentration of contaminants of concern (hereinafter “Contaminants”) in the soil and/or groundwater within the area described in Exhibit A. Also presented in the Exhibit B tables are the applicable Illinois Pollution Control Board Tier 1 soil remediation objectives for residential property and Tier 1 objectives for groundwater that are exceeded.

e. A portion of the Rollins Road and Cedar Lake Road rights-of-way, as depicted on Exhibit C to the Highway Authority Agreement and incorporated by reference herein, adjacent to the Site (hereinafter the “Right-of-Way”) is subject to this Supplemental HAA. Owner/Operator represents that said Exhibit C has been prepared by a Registered Land Surveyor in lieu of a Licensed Professional Engineer as required by the Lake County Highway Access and Use Ordinance Technical Reference Manual, which is a companion document to Chapter 90 of the of the Lake County Code of Ordinances. The County hereby agrees to waive the document size requirements of said ordinance and Technical Reference Manual.

f. The Owner/Operator intends to request risk-based, site-specific soil and/or groundwater remediation objectives from the Illinois Environmental Protection Agency (“IEPA”) under 35 Ill. Admin. Code Part 742 for the Site covered by the Highway Authority Agreement.

2. The County, as the roadway authority of jurisdiction, stipulates:

a. The County represents that the Right-of-Way subject to the Highway Authority Agreement and this Supplemental HAA is a platted County Highway within the Lake County Highway System, and that the County has permitting jurisdiction of the Right-of-Way. The County further represents that it either holds a fee-simple interest in the Right-of-Way or a prescriptive easement for the Right-of-Way; or the Right-of-Way, by way of dedication, is under its permitting jurisdiction.

b. Access to the soil and/or groundwater and any construction activity within the County Highway Right-of-Way are regulated by Chapters 90 and 91 of the Lake County Code of Ordinances, as may be amended.

3. The Parties stipulate that:

a. This Supplemental HAA shall supplement the Parties’ rights and obligations pursuant to the Highway Authority Agreement executed between them. The Parties’ rights and obligations pursuant to this Supplemental HAA will become effective upon execution of the Highway Authority Agreement by the Parties.

b. This Supplemental HAA, as it relates to the Site, shall be null and void should the IEPA not approve the Highway Authority Agreement for the Site or should the Highway Authority Agreement not be referenced in the NFR letter for the Site.

4. The Owner/Operator agrees to indemnify and hold harmless the County and other highway authorities, if any, maintaining the Right-of-Way by an agreement with the County and the County's agents, contractors or employees for all obligations asserted against or costs incurred by them, including attorney's fees and court costs, associated with the release of Contaminants from the Site by the Owner/Operator, provided that the County provides Owner/Operator with notice within sixty (60) working days of receiving a claim and further provides Owner/Operator with an opportunity to defend said claim.

5. This Supplemental HAA and the Highway Authority Agreement between the Parties, which is governed by this Supplemental HAA, shall be binding upon all successors in interest to the Owner/Operator and to the County. A successor in interest of the County would include a highway authority to which the County would transfer jurisdiction of the highway. Until such time as the Highway Authority Agreement is no longer necessary, Owner/Operator shall provide the County, upon its written request, with copies of any groundwater monitoring results which it prepares and submits to the IEPA with respect to the Site.

6. This Supplemental HAA shall continue in effect for the Site from the date of the Highway Authority Agreement until such time as the Right-of-Way for the Site is demonstrated to be suitable for unrestricted use and there is no longer a need for a Highway Authority Agreement for the Site, and until such time as the IEPA has, upon written request to the IEPA by the Owner/Operator with notice to the County, amended the notice in the chain of title of the Site to reflect unencumbered future use of that Right-of-Way.

7. Violation of the terms of this Supplemental HAA by Owner/Operator, or its successors in interest, may be grounds for avoidance of the Highway Authority Agreement. Violation of the terms of this Supplemental HAA by the County will not void this Supplemental HAA, unless the IEPA has determined that the violation is grounds for voiding the Highway Authority Agreement and the County has not cured the violation within such time as the IEPA has granted to cure the violation.

8. This Supplemental HAA sets forth the rights and obligations between the Owner/Operator and the County arising out of or resulting from the release of Contaminants into the Right-of-Way associated with this Site for which a Highway Authority Agreement is executed by the Parties.

9. The Highway Authority Agreement and this Supplemental HAA do not limit the County's ability to allow others to use the highway Right-of-Way by permit.

10. The Highway Authority Agreement and this Supplemental HAA do not limit the County's or other highway authority's, if any, maintaining the Right-of-Way by an agreement with the County, ability to construct, reconstruct, improve, repair, maintain and/or operate a highway, as deemed necessary and appropriate in the sole and exclusive judgment of the County's County Engineer (collectively "Work").

11. When Work is to be conducted, the Owner/Operator shall reimburse the reasonable costs incurred by the County to perform a site investigation of the Right-of-Way. Or, if requested, the Owner/Operator shall perform at no cost to the County a site investigation of the Right-of-Way. There is a rebuttable presumption that the Contaminants found in the County Highway Right-of-Way arose from the release of Contaminants from the Site.

12. The Owner/Operator shall reimburse the reasonable costs incurred by the County necessary to conduct and monitor the removal, transport and disposal of any Contaminant-impacted soil or groundwater from the Right-of-Way. Within forty-five (45) days after execution of this Supplemental HAA, Owner/Operator shall provide a payment bond in substantially the same form as Exhibit D, which is attached hereto and hereby made a part hereof, under which a surety will provide payment not to exceed \$100,000 in the event Owner/Operator fails to make payment as required hereunder. Alternatively, the County may request Owner/Operator to remove, transport and dispose of any contaminated soil or groundwater in advance of the County's Work. The removal and disposal of contaminated soil and/or groundwater shall be based upon the site investigation (which may be modified by field conditions during excavation).

a. Unless there is an immediate threat to the health or safety of any individual or the public, as determined by the County's County Engineer, prior to commencing any Work, the County will give Owner/Operator no less than sixty (60) days' written notice that it intends to perform Work in the Right-of-Way, which may involve the removal and disposal of contaminated soil and/or groundwater to the extent necessary for its Work. Failure by the County to give notice is not a violation of this Supplemental HAA.

b. During this period, which may be extended by written agreement of the Parties, the County and Owner/Operator will engage in a good faith, collaborative process to arrive at a consensus approach to managing the impacted soil and/or groundwater in the Right-of-Way in an attempt to reconcile Owner/Operator's preference for performing as much of this work as possible within the County's engineering, permitting and other constraints.

c. Work performed by the Owner/Operator shall be performed under a permit issued by the County, and the County shall retain authority for all final decisions and rulings related to said consensus approach. Owner/Operator shall apply for a permit within 30 days of the County's request, otherwise the County can undertake the removal and disposal of contaminated soil and/or groundwater and Owner/Operator shall reimburse the County for the reasonable costs incurred in doing such. Work performed by the Owner/Operator shall be completed within 30 days of issuance of a permit by the County.

13. The Owner/Operator's failure to reimburse the reasonable costs under the conditions set forth herein shall constitute a breach of the Highway Authority Agreement and this Supplemental HAA and, at the County's option, the Highway Authority Agreement and this Supplemental HAA shall be null and void upon written notice to Owner/Operator by the County. The Owner/Operator may reconcile the outstanding invoice within forty five (45) working days by making full payment.

14. The County reserves the right and the right of those using its property under permit to remove contaminated soil and/or groundwater above Tier 1 residential remediation objectives from its Right-of-Way and to dispose of them as deemed appropriate in the sole and exclusive judgment of the County's County Engineer, not inconsistent with applicable environmental regulations, so as to avoid causing further release of the Contaminants and to protect human health and the environment.

15. Written notice required under this Supplemental HAA shall be mailed to the following:

If to Owner/Operator:

Graham C.-Stores Company
Attn: Mr. Thomas Williamson
39109 North Highway 41
Wadsworth, IL 60083

If to County:

County Engineer
Lake County Division of Transportation
600 West Winchester Road
Libertyville, IL 60048
(or the most current mailing address)

16. The County's sole responsibility under the Supplemental HAA with respect to others using the Right-of-Way under permit from the County is to include notice in all permits for work in the Right-of-Way subject to the condition set forth in paragraphs 8 and 9 of the Highway Authority Agreement.

17. The Owner/Operator shall release the County from liability for breach of the Highway Authority Agreement and this Supplemental HAA by others under permit and shall indemnify the County against claims that may arise from others under permit causing a breach of the Highway Authority Agreement, provided that the County provides Owner/Operator with notice within sixty (60) working days of receipt of a claim and further provides Owner/Operator with an opportunity to defend said claim.

Owner/Operator will notify its personnel at the Site about the existence of the Highway Authority Agreement. Owner/Operator also agrees that its personnel, if any, at the Site will notify anyone they know is excavating in the Right-of-Way about the Highway Authority Agreement.

18. Should the County breach the Highway Authority Agreement governed by this Supplemental HAA, Owner/Operator may seek specific enforcement of the Highway

Authority Agreement or an action for damages which shall be brought exclusively in the Nineteenth Judicial Circuit, Lake County, Illinois. Any and all claims for damages against the County, its agents, contractors, and/or employees or its successors in interest arising at any time for a breach of a provision of the Highway Authority Agreement are limited to an aggregate maximum of \$10,000.00. No other breach by the County, its agents, contractors and/or employees and its successors in interest of a provision of the Highway Authority Agreement or this Supplemental HAA is actionable in either law or equity by Owner/Operator against the County, and Owner/Operator hereby releases the County, its agents, contractors and/or employees and its successors in interest for any cause of action it may have against them, other than as allowed in this paragraph, arising under the Highway Authority Agreement, this Supplemental HAA or environmental laws, regulations or common law governing the contaminated soil or groundwater in the County Highway Right-of-Way.

19. The Highway Authority Agreement and this Supplemental HAA are entered into by the County in recognition of laws passed by the General Assembly and regulations adopted by the Pollution Control Board which encourage a risk-based approach to remediating environmental contamination. The Highway Authority Agreement and this Supplemental HAA are entered into by the County in the spirit of those laws and under its rights and obligations as the roadway authority of jurisdiction. Should any provisions of the Highway Authority Agreement or this Supplemental HAA be struck down as beyond the authority of the County, this Supplemental HAA shall be null and void.

20. In the event of any conflict between the terms and conditions of the Highway Authority Agreement and this Supplemental HAA, the terms and conditions of this Supplemental HAA shall be controlling.

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

ATTEST:

Lisa M. Newell
Title: *Controller*

Graham C.-Stores Company

By: *M. O. Graham*
Printed Name: *Michael O. Graham*
Title: *Sec.*
Date: *6/2/25*

RECOMMENDED FOR EXECUTION

Shane E. Schneider, P.E.
Director of Transportation/County Engineer
Lake County

COUNTY OF LAKE

ATTEST:

County Clerk
Lake County

By: _____
Chair
Lake County Board
Date: _____

DOT Highway Right-of-Way Performance Bond #

(SURETY COMPANY LETTERHEAD)

Attention: Lake County Division of Transportation
County Engineer
600 Winchester Road
Libertyville, IL 60048

Beneficiary: Lake County Treasurer

Re: Supplemental Highway Authority Agreement
[insert owner/operator full name and address]
Service Station No. [insert number]

Amount: \$100,000.00

Maturity Date: _____

KNOW BY ALL MEN BY THESE PRESENTS, what we [insert owner/operator full name and address] as Principal and [insert full name and address] as Surety are bound unto the County of Lake ("the County"), herein called the Obligee, in the sum of One Hundred Thousand Dollars (\$100,000) for the payment of which sum, we bind ourselves, our heirs, our personal representatives, our executors, our administrators, our successors and our assigns, jointly and severally, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest and any other fees and expenses resulting from or incurred by reason of Principal's failure to timely meets its obligation to reimburse the County under the Supplemental Highway Authority Agreement, and to include attorneys' fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, THE PRINCIPAL has entered into a Supplemental Highway Authority Agreement for Property Index Number 0617403001 located at 221 W. Rollins Road, Round Lake beach, IL, 60073 dated [insert date of Supplemental Highway Authority Agreement] with the Obligee in connection with the performance requirements stipulated therein, which Supplemental Highway Authority Agreement is made by reference a part hereof and is hereinafter called the "Agreement." Said Agreement contains stipulations by [insert owner/operator full name] as the Owner/Operator including, but not limited to, those obligations set forth in paragraphs 11-13 which are incorporated herein by reference.

Now therefore, the condition of the bond is that the Principal shall faithfully meet all of its obligations set forth in the Supplemental Highway Authority Agreement and, if there is a release of Containments into the Right-of-way associated with the site, Principal shall make all payments/reimbursements to the County required under the Agreement. If Principal fails

EXHIBIT D

to timely make the payments/reimbursements to the County, then the County shall notify the Surety of Principal's failure to meet its contractual obligations with the understanding that the Surety shall make the payments/reimbursement to the County within thirty (30) calendar days from the date of notice. This bond shall continue and remain in full force and effect so long as the Agreement remains in full force and effect, pursuant to paragraph 6 of the Agreement.

Signed, sealed and dated this 2nd day of June, 2025

ATTEST:

BY: Lisa M. NewellTITLE: Controller

PRINCIPAL:

BY: M. O. O. O.TITLE: Sec.

ATTEST:

BY: _____

TITLE: _____

SURETY:

BY: _____

TITLE: _____

Exhibit A

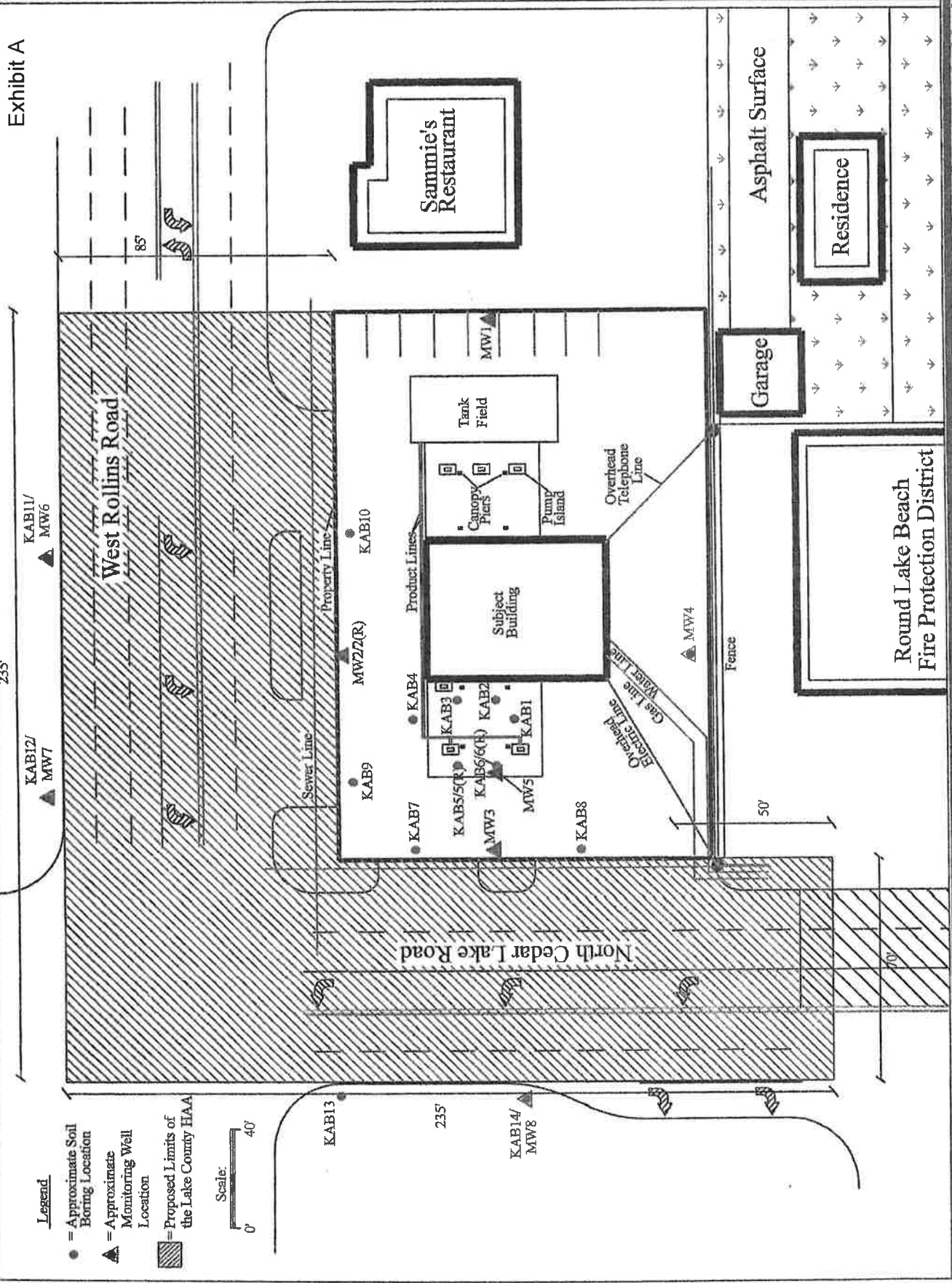


Exhibit- 7

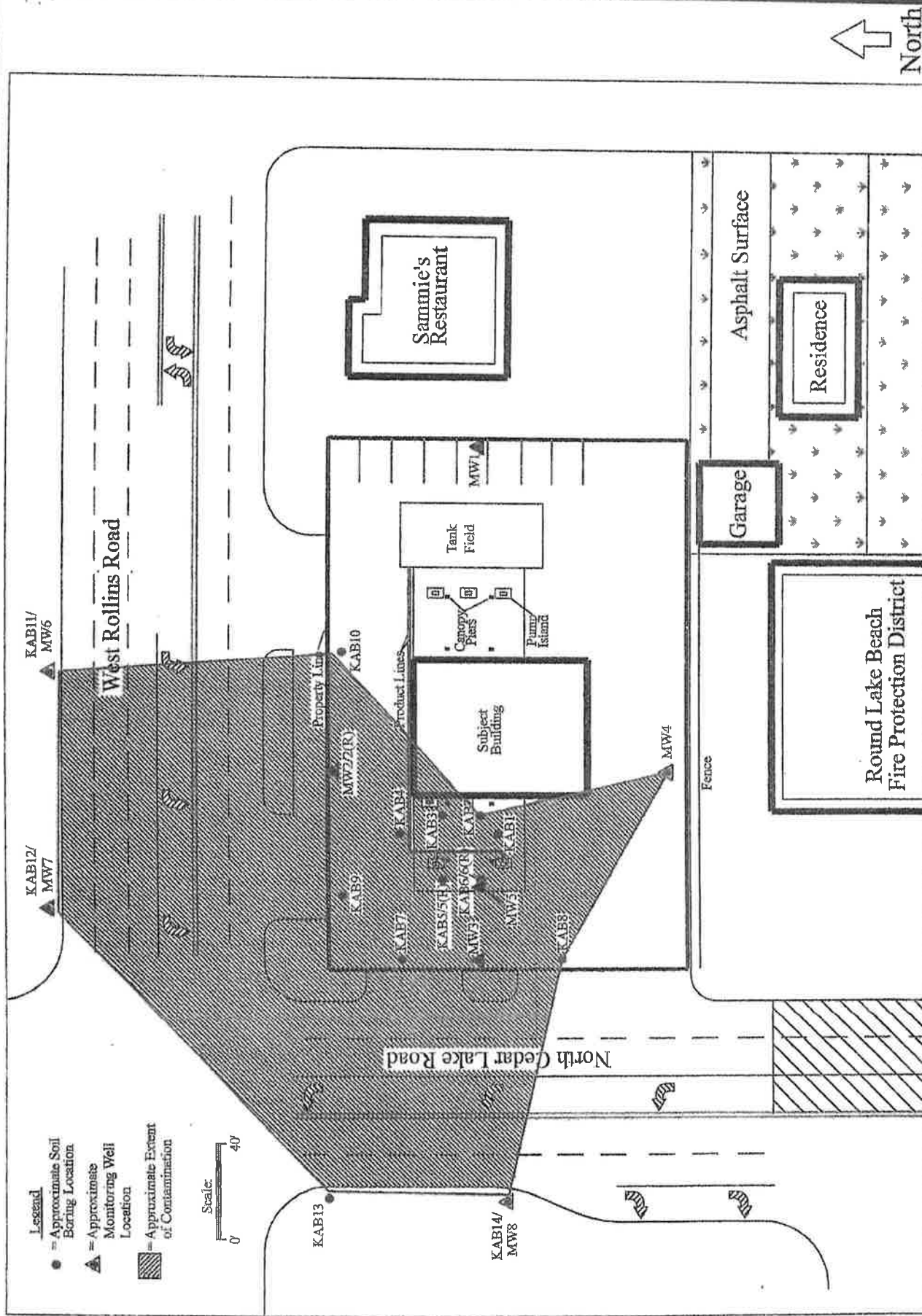
Original 05/30/2023
Revised 05/15/2024

Limits of Lake County HAA
Project Name: Graham C-Stores Company
Project Number: L23308.03

Schrack Environmental Consulting, Inc
24636 West Renwick Road
Plainfield, Illinois 60544

- Legend**
- = Approximate Soil Boring Location
 - ▲ = Approximate Monitoring Well Location
 - ▨ = Approximate Extent of Contamination

Scale: 0 40'



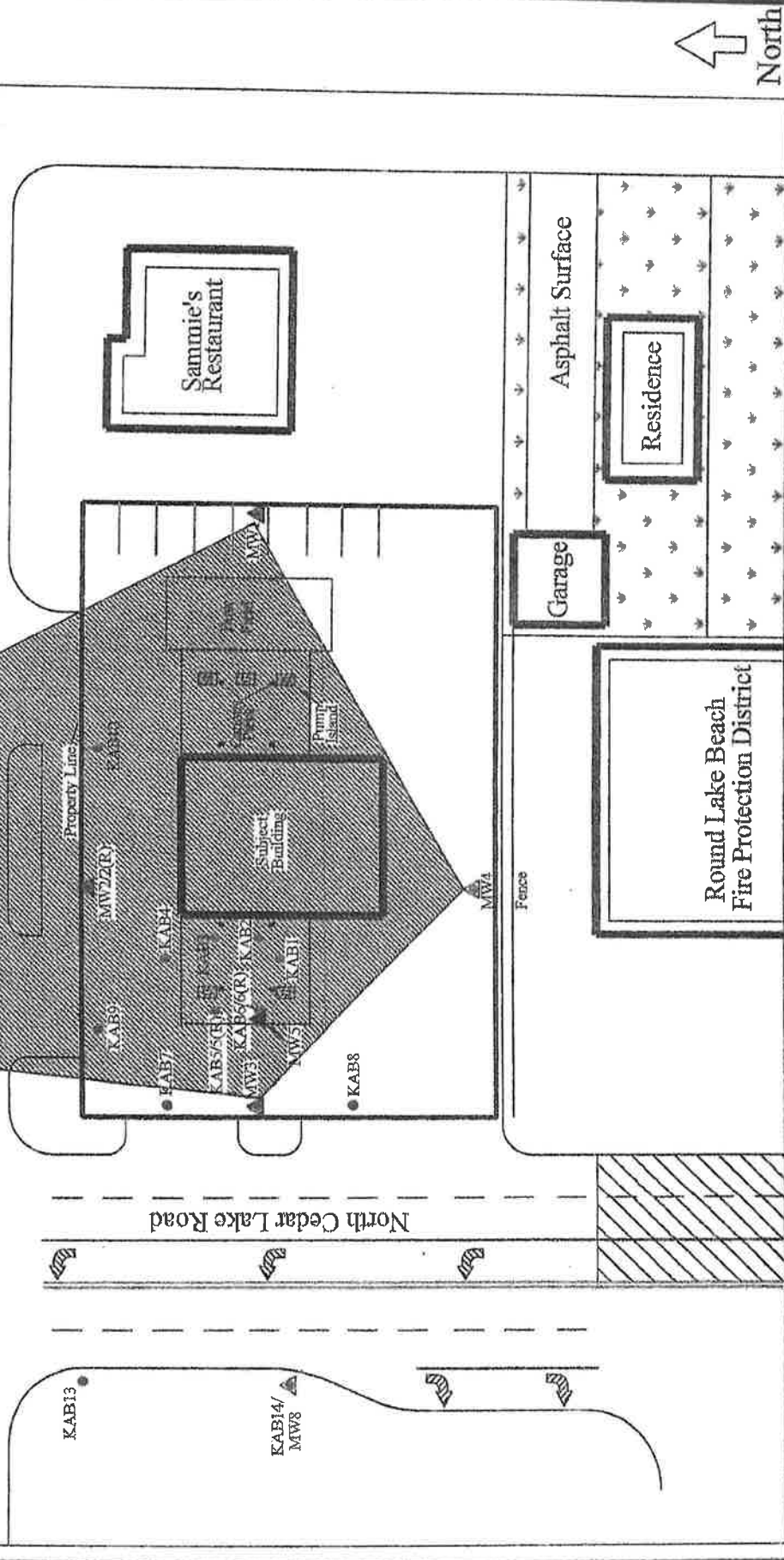
Schrack Environmental Consulting, Inc.
 24636 West Renwick Road
 Plainfield, Illinois 60544

Exhibit B1
 Original 07/06/2022
 Revised 09/19/2023

Extent of Soil Contamination
 Project Name: Graham C-Stores Company
 Project Number: L23308.02

- Legend**
- = Approximate Soil Boring Location
 - ▲ = Approximate Monitoring Well Location
 - ▨ = Approximate Extent of GW Contamination

Scale
0 40'



Schrack Environmental Consulting, Inc.
 24636 West Renwick Road
 Plainfield, Illinois 60544

Extent of GW Contamination
 Project Name: Graham C-Stores Company
 Project Number: L23308.02

Exhibit B2
 Original 07/06/2022
 Revised 09/19/2023

Exhibit B

Table 1

Stage 1 Soil Samples (KAB1 – KAB6 and MW1 – MW4)

Analytical Testing Results

Soil Samples Collected on February 20, 2017

Graham C-Stores Company/Round Lake

Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | Soil Saturation Limit | Industrial/Commercial Exposure Route | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|---------------------------------|--|----------------|------------|-----------------------|--------------------------------------|------------|------------------------------------|------------|--|------------|
| | KAB1 (0-2) | KAB1 (4-6) | KAB2 (2-4) | KAB2 (4-6) | Ingestion | Inhalation | Ingestion | Inhalation | Class I | Class II |
| BTEX Analytical Testing Results | | | | | | | | | | |
| Benzene | <0.005 | 0.0560* | 0.0241 | 0.0212 | 580.0 | 100.0 | 2,300.0 | 2.2 | 0.03 | 0.17 |
| Ethylbenzene | <0.005 | <0.005 | 0.110 | 0.0984 | 150.0 | 200,000.0 | 20,000.0 | 58.0 | 13.0 | 19.0 |
| Toluene | <0.005 | <0.005 | 0.0264 | 0.0136 | 290.0 | 410,000.0 | 410,000.0 | 42.0 | 12.0 | 29.0 |
| Xylene | <0.005 | <0.005 | 0.0195 | 0.0265 | 110.0 | 410,000.0 | 41,000.0 | 5.6 | 150.0 | 150.0 |
| PNA Analytical Testing Results | | | | | | | | | | |
| Acenaphthene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 120,000.0 | 120,000.0 | ----- | 570.0 | 2,900.0 |
| Acenaphthylene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 61,000.0 | 61,000.0 | ----- | 85.0 | 420.0 |
| Anthracene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 610,000.0 | 610,000.0 | ----- | 12,000.0 | 59,000.0 |
| Benzo(a)anthracene | <0.0087 | <0.0087 | 0.011 | <0.0087 | ----- | 8.0 | 170.0 | ----- | 2.0 | 8.0 |
| Benzo(a)pyrene | <0.015 | <0.015 | <0.015 | <0.015 | ----- | 0.8 | 17.0 | ----- | 8.0 | 82.0 |
| Benzo(b)fluoranthene | <0.011 | <0.011 | <0.011 | <0.011 | ----- | 8.0 | 170.0 | ----- | 5.0 | 25.0 |
| Benzo(k)fluoranthene | <0.011 | <0.011 | <0.011 | <0.011 | ----- | 78.0 | 1,700.0 | ----- | 49.0 | 250.0 |
| Benzo(ghi)perylene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 61,000.0 | 61,000.0 | ----- | 27,000.0 | 1130,000.0 |
| Chrysene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 780.0 | 17,000.0 | ----- | 160.0 | 8,00.0 |
| DiBenzo(ah)anthracene | <0.020 | <0.020 | <0.020 | <0.020 | ----- | 0.8 | 17.0 | ----- | 2.0 | 7.6 |
| Fluoranthene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 82,000.0 | 82,000.0 | ----- | 4,300.0 | 21,000.0 |
| Fluorene | <0.050 | <0.050 | 0.056 | <0.050 | ----- | 82,000.0 | 82,000.0 | ----- | 560.0 | 2,800.0 |
| Indeno(123-cd)pyrene | <0.029 | <0.029 | <0.029 | <0.029 | ----- | 8.0 | 170.0 | ----- | 14.0 | 69.0 |
| Naphthalene | 0.071 | 2.110* | 0.844 | 1.680 | ----- | 41,000.0 | 4,100.0 | 1.8 | 12.0 | 18.0 |
| Phenanthrene | <0.050 | <0.050 | 0.198 | <0.050 | ----- | 61,000.0 | 61,000.0 | ----- | 200.0 | 1,000.0 |
| Pyrene | <0.050 | <0.050 | <0.050 | <0.050 | ----- | 61,000.0 | 61,000.0 | ----- | 4,200.0 | 21,000.0 |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742. Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits obtained from the IEPA's – July 15, 2013 – 35 IAC 742. Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is Less than 30°C – at depths ranging greater than 3 feet below grade – for the Soil Component of the Groundwater Ingestion Exposure Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Sample results expressed in **BOLD** exceed the above referenced soil remediation objectives.

Table 1 (Continued)

Stage 1 Soil Samples (KAB1 – KAB6 and MW1 – MW4)

Analytical Testing Results

Soil Samples Collected on February 20, 2017

Graham C-Stores Company/Round Lake

Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | | Soil Saturation Limit | Industrial/Commercial Exposure Route | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|--------------------------------|--|------------|------------|------------|-----------------------|--------------------------------------|------------|------------------------------------|------------|--|------------|
| | KAB3 (2-4) | KAB3 (4-6) | KAB4 (0-2) | KAB4 (4-6) | | Ingestion | Inhalation | Ingestion | Inhalation | Class I | Class II |
| BTX Analytical Testing Results | | | | | | | | | | | |
| Benzene | 0.0062 | 0.490* | 0.0082 | 7.500* | 580.0 | 100.0 | 1.6 | 2,300.0 | 2.2 | 0.03 | 0.17 |
| Ethylbenzene | 0.0059 | 6.180 | 0.0236 | 20.700* | 150.0 | 200,000.0 | 400.0 | 20,000.0 | 58.0 | 13.0 | 19.0 |
| Toluene | 0.0125 | <0.500 | 0.0326 | 12.300* | 290.0 | 410,000.0 | 650.0 | 410,000.0 | 42.0 | 12.0 | 29.0 |
| Xylene | 0.0216 | 21.100* | 0.0947 | 72.800* | 110.0 | 410,000.0 | 320.0 | 41,000.0 | 5.6 | 150.0 | 150.0 |
| PNA Analytical Testing Results | | | | | | | | | | | |
| Acenaphthene | <0.050 | <0.050 | <0.050 | 0.199 | | 120,000.0 | | 120,000.0 | | 570.0 | 2,900.0 |
| Acenaphthylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 85.0 | 420.0 |
| Anthracene | <0.050 | <0.050 | <0.050 | 0.084 | | 610,000.0 | | 610,000.0 | | 12,000.0 | 59,000.0 |
| Benzo(a)anthracene | <0.0087 | <0.0087 | 0.0173 | 0.0465 | | 8.0 | | 170.0 | | 2.0 | 8.0 |
| Benzo(a)pyrene | <0.015 | <0.015 | 0.024 | 0.032 | | 0.8 | | 17.0 | | 8.0 | 82.0 |
| Benzo(b)Fluoranthene | <0.011 | <0.011 | 0.016 | 0.032 | | 8.0 | | 170.0 | | 5.0 | 25.0 |
| Benzo(k)fluoranthene | <0.011 | <0.011 | 0.014 | 0.026 | | 78.0 | | 1,700.0 | | 49.0 | 250.0 |
| Benzo(ghi)perylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 27,000.0 | 1130,000.0 |
| Chrysene | <0.050 | <0.050 | <0.050 | <0.050 | | 780.0 | | 17,000.0 | | 160.0 | 8.00.0 |
| DiBenzo(ah)anthracene | <0.020 | <0.020 | <0.020 | <0.020 | | 0.8 | | 17.0 | | 2.0 | 7.6 |
| Fluoranthene | <0.050 | <0.050 | <0.050 | 0.149 | | 82,000.0 | | 82,000.0 | | 4,300.0 | 21,000.0 |
| Fluorene | <0.050 | <0.050 | <0.050 | 0.214 | | 82,000.0 | | 82,000.0 | | 560.0 | 2,800.0 |
| Indeno(123-cd)pyrene | <0.029 | <0.029 | <0.029 | <0.029 | | 8.0 | | 170.0 | | 14.0 | 69.0 |
| Naphthalene | <0.025 | 4.270* | 0.038 | 7.450* | | 41,000.0 | 270.0 | 4,100.0 | 1.8 | 12.0 | 18.0 |
| Phenanthrene | <0.050 | <0.050 | 0.059 | 0.473 | | 61,000.0 | | 61,000.0 | | 200.0 | 1,000.0 |
| Pyrene | <0.050 | <0.050 | <0.050 | 0.130 | | 61,000.0 | | 61,000.0 | | 4,200.0 | 21,000.0 |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742.Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits obtained from the IEPA's – July 15, 2013 – 35 IAC 742.Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is Less than 30°C – at depths ranging greater than 3 feet below grade – for the Soil Component of the Groundwater Ingestion Exposure Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Sample results expressed in **BOLD** exceed the above referenced soil remediation objectives.

Table 1 (Continued)

Stage 1 Soil Samples (KAB1 – KAB6 and MW1 – MW4)

Analytical Testing Results

Soil Samples Collected on February 20, 2017

Graham C-Stores Company/Round Lake

Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | | Soil Saturation Limit | Industrial/Commercial Exposure Route | | | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|--------------------------------|--|------------|------------|------------|-----------------------|--------------------------------------|------------|------------|------------|------------------------------------|------------|--|----------|
| | KAB5 (2-4) | KAB5 (4-6) | KAB6 (2-4) | KAB6 (4-6) | | Ingestion | | Inhalation | | Ingestion | Inhalation | Class I | Class II |
| | BTEX Analytical Testing Results | | | | | Ingestion | Inhalation | Ingestion | Inhalation | | | | |
| Benzene | 8.480* | 12.200* | 8.810* | 10.100* | 580.0 | 100.0 | 1.6 | 2,300.0 | 2.2 | 0.03 | 0.17 | | |
| Ethylbenzene | 36.200* | 36.100* | 58.200* | 40.700* | 150.0 | 200,000.0 | 400.0 | 20,000.0 | 58.0 | 13.0 | 19.0 | | |
| Toluene | 3.790 | 12.800* | 9.080 | 3.290 | 290.0 | 410,000.0 | 650.0 | 410,000.0 | 42.0 | 12.0 | 29.0 | | |
| Xylene | 107.000* | 161.00* | 258.000* | 143.000* | 110.0 | 410,000.0 | 320.0 | 41,000.0 | 5.6 | 150.0 | 150.0 | | |
| PNA Analytical Testing Results | | | | | | | | | | | | | |
| Acenaphthene | 0.199 | <0.050 | <0.050 | <0.050 | | 120,000.0 | | 120,000.0 | | 570.0 | 2,900.0 | | |
| Acenaphthylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 85.0 | 420.0 | | |
| Anthracene | 0.084 | <0.050 | <0.050 | <0.050 | | 610,000.0 | | 610,000.0 | | 12,000.0 | 59,000.0 | | |
| Benzo(a)anthracene | 0.0465 | <0.0087 | <0.0087 | <0.0087 | | 8.0 | | 170.0 | | 2.0 | 8.0 | | |
| Benzo(a)pyrene | 0.032 | <0.015 | <0.015 | <0.015 | | 0.8 | | 17.0 | | 8.0 | 82.0 | | |
| Benzo(b)Fluoranthene | 0.032 | <0.011 | <0.011 | <0.011 | | 8.0 | | 170.0 | | 5.0 | 25.0 | | |
| Benzo(k)fluoranthene | 0.026 | <0.011 | <0.011 | <0.011 | | 78.0 | | 1,700.0 | | 49.0 | 250.0 | | |
| Benzo(ghi)perylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 27,000.0 | 1130,000.0 | | |
| Chrysene | <0.050 | <0.050 | <0.050 | <0.050 | | 780.0 | | 17,000.0 | | 160.0 | 800.0 | | |
| DiBenzo(ah)anthracene | <0.020 | <0.020 | <0.020 | <0.020 | | 0.8 | | 17.0 | | 2.0 | 7.6 | | |
| Fluoranthene | 0.149 | <0.050 | <0.050 | <0.050 | | 82,000.0 | | 82,000.0 | | 4,300.0 | 21,000.0 | | |
| Fluorene | 0.214 | <0.050 | <0.050 | <0.050 | | 82,000.0 | | 82,000.0 | | 560.0 | 2,800.0 | | |
| Indeno(123-cd)pyrene | <0.029 | <0.029 | <0.029 | <0.029 | | 8.0 | | 170.0 | | 14.0 | 69.0 | | |
| Naphthalene | 7.45* | 3.940* | 7.490* | 26.400* | | 41,000.0 | 270.0 | 4,100.0 | 1.8 | 12.0 | 18.0 | | |
| Phenanthrene | 0.473 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 200.0 | 1,000.0 | | |
| Pyrene | 0.130 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 4,200.0 | 21,000.0 | | |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742. Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits obtained from the IEPA's – July 15, 2013 – 35 IAC 742. Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is Less than 30°C – at depths ranging greater than 3 feet below grade – for the Soil Component of the Groundwater Ingestion Exposure Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Sample results expressed in **BOLD** exceed the above referenced soil remediation objectives.

Table 2

Stage 2 Soil Samples (KAB7 – KAB10)
Analytical Testing Results
Soil Samples Collected on January 23, 2018
Graham C-Stores Company/Round Lake
Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | | Soil Saturation Limit | Industrial/Commercial Exposure Route | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|---------------------------------|--|------------|------------|------------|-----------------------|--------------------------------------|------------|------------------------------------|------------|--|------------|
| | KAB7 (2-4) | KAB7 (4-6) | KAB8 (2-4) | KAB8 (4-6) | | Ingestion | Inhalation | Ingestion | Inhalation | Class I | Class II |
| | | | | | | | | | | | |
| BTEX Analytical Testing Results | | | | | | | | | | | |
| Benzene | 3.170* | 12.200* | <0.005 | <0.005 | 580.0 | 100.0 | 1.6 | 2,300.0 | 2.2 | 0.03 | 0.17 |
| Ethylbenzene | 24.100* | 47.700* | <0.005 | 0.0416 | 150.0 | 200,000.0 | 400.0 | 20,000.0 | 58.0 | 13.0 | 19.0 |
| Toluene | <0.500 | 0.981 | <0.005 | <0.005 | 290.0 | 410,000.0 | 650.0 | 410,000.0 | 42.0 | 12.0 | 29.0 |
| Xylene | 2.080 | 33.600* | <0.005 | 0.0061 | (110.0) | 410,000.0 | 320.0 | 41,000.0 | 5.6 | 150.0 | 150.0 |
| PNA Analytical Testing Results | | | | | | | | | | | |
| Acenaphthene | 0.097 | <0.050 | <0.050 | <0.050 | | 120,000.0 | | 120,000.0 | | 570.0 | 2,900.0 |
| Acenaphthylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 85.0 | 420.0 |
| Anthracene | <0.050 | <0.050 | <0.050 | <0.050 | | 610,000.0 | | 610,000.0 | | 12,000.0 | 59,000.0 |
| Benzo(a)anthracene | 0.0096 | <0.0087 | <0.0087 | <0.0087 | | 8.0 | | 170.0 | | 2.0 | 8.0 |
| Benzo(a)pyrene | <0.015 | <0.015 | <0.015 | <0.015 | | 0.8 | | 17.0 | | 8.0 | 82.0 |
| Benzo(b)Fluoranthene | <0.011 | <0.011 | <0.011 | <0.011 | | 8.0 | | 170.0 | | 5.0 | 25.0 |
| Benzo(k)fluoranthene | <0.011 | <0.011 | <0.011 | <0.011 | | 78.0 | | 1,700.0 | | 49.0 | 250.0 |
| Benzo(ghi)perylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 27,000.0 | 1130,000.0 |
| Chrysene | <0.050 | <0.050 | <0.050 | <0.050 | | 780.0 | | 17,000.0 | | 160.0 | 800.0 |
| DiBenzo(ah)anthracene | <0.020 | <0.020 | <0.020 | <0.020 | | 0.8 | | 17.0 | | 2.0 | 7.6 |
| Fluoranthene | <0.050 | <0.050 | <0.050 | <0.050 | | 82,000.0 | | 82,000.0 | | 4,300.0 | 21,000.0 |
| Fluorene | 0.071 | <0.050 | <0.050 | <0.050 | | 82,000.0 | | 82,000.0 | | 560.0 | 2,800.0 |
| Indeno(123-cd)pyrene | <0.029 | <0.029 | <0.029 | <0.029 | | 8.0 | | 170.0 | | 14.0 | 69.0 |
| Naphthalene | 18.100* | 5.140* | 0.083 | 0.207 | | 41,000.0 | 270.0 | 4,100.0 | 1.8 | 12.0 | 18.0 |
| Phenanthrene | 0.106 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 200.0 | 1,000.0 |
| Pyrene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 4,200.0 | 21,000.0 |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742. Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits obtained from the IEPA's – July 15, 2013 – 35 IAC 742. Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is Less than 30°C – at depths ranging greater than 3 feet below grade – for the Soil Component of the Groundwater Ingestion Exposure Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Sample results expressed in **BOLD** exceed the above referenced soil remediation objectives.

Table 2

Stage 2 Soil Samples (KAB7 – KAB10)
Analytical Testing Results
Soil Samples Collected on January 23, 2018
Graham C-Stores Company/Round Lake
Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | | Soil Saturation Limit | Industrial/Commercial Exposure Route | | | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|--------------------------------|--|------------|-------------|-------------|-----------------------|--------------------------------------|------------|-----------|------------|------------------------------------|------------|--|--|
| | KAB9 (2-4) | KAB9 (4-6) | KAB10 (0-2) | KAB10 (6-8) | | Ingestion | Inhalation | Ingestion | Inhalation | Class I | Class II | | |
| | BTEX Analytical Testing Results | | | | | | | | | | | | |
| Benzene | 1.210* | 3.170* | <0.005 | <0.005 | 580.0 | 100.0 | 1.6 | 2,300.0 | 2.2 | 0.03 | 0.17 | | |
| Ethylbenzene | 5.810 | 16.600* | <0.005 | <0.005 | 150.0 | 200,000.0 | 400.0 | 20,000.0 | 58.0 | 13.0 | 19.0 | | |
| Toluene | <0.500 | <0.500 | <0.005 | <0.005 | 290.0 | 410,000.0 | 650.0 | 410,000.0 | 42.0 | 12.0 | 29.0 | | |
| Xylene | <0.500 | 0.916 | <0.005 | <0.005 | (110.0) | 410,000.0 | 320.0 | 41,000.0 | 5.6 | 150.0 | 150.0 | | |
| PNA Analytical Testing Results | | | | | | | | | | | | | |
| Acenaphthene | <0.050 | <0.050 | <0.050 | <0.050 | | 120,000.0 | | 120,000.0 | | 570.0 | 2,900.0 | | |
| Acenaphthylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 85.0 | 420.0 | | |
| Anthracene | <0.050 | <0.050 | <0.050 | <0.050 | | 610,000.0 | | 610,000.0 | | 12,000.0 | 59,000.0 | | |
| Benzo(a)anthracene | <0.0087 | <0.0087 | <0.0087 | <0.0087 | | 8.0 | | 170.0 | | 2.0 | 8.0 | | |
| Benzo(a)pyrene | <0.015 | <0.015 | <0.015 | <0.015 | | 0.8 | | 17.0 | | 8.0 | 82.0 | | |
| Benzo(b)Fluoranthene | <0.011 | <0.011 | <0.011 | <0.011 | | 8.0 | | 170.0 | | 5.0 | 25.0 | | |
| Benzo(k)fluoranthene | <0.011 | <0.011 | <0.011 | <0.011 | | 78.0 | | 1,700.0 | | 49.0 | 250.0 | | |
| Benzo(ghi)perylene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 27,000.0 | 1130,000.0 | | |
| Chrysene | <0.050 | <0.050 | <0.050 | <0.050 | | 780.0 | | 17,000.0 | | 160.0 | 800.0 | | |
| DiBenzo(ah)anthracene | <0.020 | <0.020 | <0.020 | <0.020 | | 0.8 | | 17.0 | | 2.0 | 7.6 | | |
| Fluoranthene | <0.050 | <0.050 | <0.050 | <0.050 | | 82,000.0 | | 82,000.0 | | 4,300.0 | 21,000.0 | | |
| Fluorene | <0.050 | <0.050 | <0.050 | <0.050 | | 82,000.0 | | 82,000.0 | | 560.0 | 2,800.0 | | |
| Indeno(123-cd)pyrene | <0.029 | <0.029 | <0.029 | <0.029 | | 8.0 | | 170.0 | | 14.0 | 69.0 | | |
| Naphthalene | 0.349 | 4.810* | <0.025 | <0.025 | | 41,000.0 | 270.0 | 4,100.0 | 1.8 | 12.0 | 18.0 | | |
| Phenanthrene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 200.0 | 1,000.0 | | |
| Pyrene | <0.050 | <0.050 | <0.050 | <0.050 | | 61,000.0 | | 61,000.0 | | 4,200.0 | 21,000.0 | | |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742.Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits obtained from the IEPA's – July 15, 2013 – 35 IAC 742.Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is Less than 30°C – at depths ranging greater than 3 feet below grade – for the Soil Component of the Groundwater Ingestion Exposure Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Sample results expressed in **BOLD** exceed the above referenced soil remediation objectives.

Table 3

Stage 3 Soil Samples (boring locations KAB11 – KAB14)
Analytical Testing Results
Soil Samples Collected on June 1 and June 3, 2022
Graham C-Stores Company/Round Lake Beach
Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | | Soil Saturation Limits | | Industrial/Commercial Exposure Route | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|---------------------------------|--|-------------|-------------|-------------|------------------------|------------|--------------------------------------|------------|------------------------------------|------------|--|------------|
| | KAB11 (2-4) | KAB11 (6-8) | KAB12 (2-4) | KAB12 (6-8) | Outdoor Inhalation | Soil Comp. | Ingestion | Inhalation | Ingestion | Inhalation | Class I | Class II |
| BTEX Analytical Testing Results | | | | | | | | | | | | |
| Benzene | <0.005 | <0.005 | <0.005 | <0.005 | 800.0 | 580.0 | 100.0 | 1.6 | 2,300.0 | 2.2 | 0.03 | 0.17 |
| Ethylbenzene | <0.005 | <0.005 | <0.005 | <0.005 | 350.0 | 150.0 | 200,000.0 | 400.0 | 20,000.0 | 58.0 | 13.0 | 19.0 |
| Toluene | <0.005 | <0.005 | <0.005 | <0.005 | 580.0 | 290.0 | 410,000.0 | 650.0 | 410,000.0 | 42.0 | 12.0 | 29.0 |
| Xylene | <0.005 | <0.005 | <0.005 | <0.005 | 280.0 | 110.0 | 410,000.0 | 320.0 | 41,000.0 | 5.6 | 150.0 | 150.0 |
| PNA Analytical Testing Results | | | | | | | | | | | | |
| Acenaphthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 120,000.0 | ----- | 120,000.0 | ----- | 570.0 | 2,900.0 |
| Acenaphthylene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 85.0 | 420.0 |
| Anthracene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 610,000.0 | ----- | 610,000.0 | ----- | 12,000.0 | 59,000.0 |
| Benzo(a)anthracene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 8.0 | ----- | 170.0 | ----- | 2.0 | 8.0 |
| Benzo(a)pyrene | <0.090 | <0.090 | <0.090 | <0.090 | ----- | ----- | 0.8 | ----- | 17.0 | ----- | 8.0 | 82.0 |
| Benzo(b)fluoranthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 8.0 | ----- | 170.0 | ----- | 5.0 | 25.0 |
| Benzo(k)fluoranthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 78.0 | ----- | 1,700.0 | ----- | 49.0 | 250.0 |
| Benzo(ghi)perylene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 27,000.0 | 1130,000.0 |
| Chrysene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 780.0 | ----- | 17,000.0 | ----- | 160.0 | 8.00.0 |
| DiBenzo(a,h)anthracene | <0.090 | <0.090 | <0.090 | <0.090 | ----- | ----- | 0.8 | ----- | 17.0 | ----- | 2.0 | 7.6 |
| Fluoranthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 82,000.0 | ----- | 82,000.0 | ----- | 4,300.0 | 21,000.0 |
| Fluorene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 82,000.0 | ----- | 82,000.0 | ----- | 560.0 | 2,800.0 |
| Indeno(123-cd)pyrene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 8.0 | ----- | 170.0 | ----- | 14.0 | 69.0 |
| Naphthalene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 41,000.0 | 270.30 | 4,100.0 | 1.8 | 12.0 | 18.0 |
| Phenanthrene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 200.0 | 1,000.0 |
| Pyrene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 4,200.0 | 21,000.0 |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742.Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits compared to the IEPA's – July 15, 2013 – 35 IAC 742.Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is less than 30°C.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Results expressed in **BOLD*** exceed the above referenced remediation objectives.

Table 3 (Continued)

Stage 3 Soil Samples (boring locations KAB11 – KAB14)
 Analytical Testing Results
 Soil Samples Collected on June 1 and June 3, 2022
 Graham C-Stores Company/Round Lake Beach
 Project: L23308.03

| Testing Constituent | Sample Identification and Analytical Testing Results | | | | Soil Saturation Limits | | Industrial/Commercial Exposure Route | | Construction Worker Exposure Route | | Soil Comp of the GW Ingest. Exposure Route | |
|---------------------------------|--|-------------|-------------|-------------|------------------------|------------|--------------------------------------|------------|------------------------------------|------------|--|------------|
| | KAB13 (2-4) | KAB14 (2-4) | KAB14 (6-8) | KAB14 (6-8) | Outdoor Inhalation | Soil Comp. | Ingestion | Inhalation | Ingestion | Inhalation | Class I | Class II |
| BTEX Analytical Testing Results | | | | | | | | | | | | |
| Benzene | <0.005 | <0.005 | <0.005 | <0.005 | 800.0 | 580.0 | 100.0 | 1.6 | 2,300.0 | 2.2 | 0.03 | 0.17 |
| Ethylbenzene | <0.005 | <0.005 | <0.005 | <0.005 | 350.0 | 150.0 | 200,000.0 | 400.0 | 20,000.0 | 58.0 | 13.0 | 19.0 |
| Toluene | <0.005 | <0.005 | <0.005 | <0.005 | 580.0 | 290.0 | 410,000.0 | 650.0 | 410,000.0 | 42.0 | 12.0 | 29.0 |
| Xylene | <0.005 | <0.005 | <0.005 | <0.005 | 280.0 | 110.0 | 410,000.0 | 320.0 | 41,000.0 | 5.6 | 150.0 | 150.0 |
| PNA Analytical Testing Results | | | | | | | | | | | | |
| Acenaphthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 120,000.0 | ----- | 120,000.0 | ----- | 570.0 | 2,900.0 |
| Acenaphthylene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 85.0 | 420.0 |
| Anthracene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 610,000.0 | ----- | 610,000.0 | ----- | 12,000.0 | 59,000.0 |
| Benzo(a)anthracene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 8.0 | ----- | 170.0 | ----- | 2.0 | 8.0 |
| Benzo(a)pyrene | <0.090 | <0.090 | <0.090 | <0.090 | ----- | ----- | 0.8 | ----- | 17.0 | ----- | 8.0 | 82.0 |
| Benzo(b)fluoranthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 8.0 | ----- | 170.0 | ----- | 5.0 | 25.0 |
| Benzo(k)fluoranthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 78.0 | ----- | 1,700.0 | ----- | 49.0 | 250.0 |
| Benzo(ghi)perylene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 27,000.0 | 1130,000.0 |
| Chrysene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 780.0 | ----- | 17,000.0 | ----- | 160.0 | 8.00.0 |
| DiBenzo(ah)anthracene | <0.090 | <0.090 | <0.090 | <0.090 | ----- | ----- | 0.8 | ----- | 17.0 | ----- | 2.0 | 7.6 |
| Fluoranthene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 82,000.0 | ----- | 82,000.0 | ----- | 4,300.0 | 21,000.0 |
| Fluorene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 82,000.0 | ----- | 82,000.0 | ----- | 560.0 | 2,800.0 |
| Indeno(123-cd)pyrene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 8.0 | ----- | 170.0 | ----- | 14.0 | 69.0 |
| Naphthalene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 41,000.0 | 270.30 | 4,100.0 | 1.8 | 12.0 | 18.0 |
| Phenanthrene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 200.0 | 1,000.0 |
| Pyrene | <0.330 | <0.330 | <0.330 | <0.330 | ----- | ----- | 61,000.0 | ----- | 61,000.0 | ----- | 4,200.0 | 21,000.0 |

Note:

- Analytical testing results expressed in Parts-Per-Million (PPM) concentrations.
- Analytical testing results compared to the IEPA's – July 15, 2013 – 35 IAC 742.Appendix B – Table B: Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties and the May 1, 2007 - IEPA's Toxicity Assessment Unit – Table B: Soil Remediation Objectives for Industrial/Commercial Properties – Non-TACO Chemicals.
- Soil Saturation Limits compared to the IEPA's – July 15, 2013 – 35 IAC 742.Appendix A – Table A: Soil Saturation Limits for Chemicals Whose Melting Point is less than 30°C.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Results expressed in **BOLD*** exceed the above referenced remediation objectives.

Table 7

Stage 1 Water Samples (Well Locations MW1 – MW5)
Analytical Testing Results
Groundwater Samples Collected on August 2, 2017
Graham C-Stores Company/Round Lake
Project: L17707.02

| Analytical Testing Constituent | Sample ID and Analytical Testing Results | | | | | Groundwater Remediation Objectives | |
|-----------------------------------|--|----------------|----------|----------|-----------------|---------------------------------------|---------------------------|
| | MW1 | MW2 | MW3 | MW4 | MW5 | Field Blank | Class I Class II |
| BTX Analytical Testing Results | | | | | | | |
| Benzene | <0.005 | 0.0194* | <0.005 | <0.005 | 0.164.0* | <0.005 | 0.005 0.025 |
| Ethylbenzene | <0.005 | 0.0217 | 0.0051 | <0.005 | 0.0270 | <0.005 | 1.0 2.5 |
| Toluene | <0.005 | <0.005 | <0.005 | <0.005 | 0.208 | <0.005 | 0.7 1.0 |
| Xylene | <0.005 | 0.0104 | <0.005 | <0.005 | 0.300 | <0.005 | 10.0 10.0 |
| PNA Analytical Testing Results | | | | | | | |
| Acenaphthene | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | 0.42 2.1 |
| Anthracene | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | 2.1 10.5 |
| Benzo(a)anthracene | <0.00013 | <0.00013 | <0.00013 | <0.00013 | <0.00013 | <0.00013 | 0.00013 0.00065 |
| Benzo(a)pyrene | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 0.002 |
| Benzo(b)fluoranthene | <0.00018 | <0.00018 | <0.00018 | <0.00018 | <0.00018 | <0.00018 | 0.00018 0.0009 |
| Benzo(k)fluoranthene | <0.00017 | <0.00017 | <0.00017 | <0.00017 | <0.00017 | <0.00017 | 0.00017 0.00085 |
| Chrysene | <0.015 | <0.015 | <0.015 | <0.015 | <0.015 | <0.015 | 0.0015 0.0075 |
| Dibenzo(a,h)anthracene | <0.0003 | <0.0003 | <0.0003 | <0.0003 | <0.0003 | <0.0003 | 0.0003 0.0015 |
| Fluoranthene | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | 0.28 1.4 |
| Fluorene | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | 0.28 1.4 |
| Indeno (1,2,3-c,d)Pyrene | <0.0003 | <0.0003 | <0.0003 | <0.0003 | <0.0003 | <0.0003 | 0.00043 0.00215 |
| Naphthalene | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | 0.14 0.22 |
| Pyrene | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | 0.21 1.05 |

Note:

- Analytical testing results are expressed in parts-per-million (ppm) concentrations.
- The analytical testing results are compared to the IEPA's – July 15, 2013 – 35 IAC 742. Appendix B – Table E: Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Ingestion Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Results expressed in **BOLD** exceed the above referenced groundwater remediation objectives.

Table 8

Stage 3 Water Samples (Well Locations MW6 – MW8)
Analytical Testing Results
Groundwater Samples Collected on June 21, 2022
Graham C-Stores Company/Round Lake Beach
Project: L23308.03

| Analytical Testing Constituent | Sample ID and Analytical Testing Results | | | | Groundwater Remediation Objectives | |
|--------------------------------|--|----------|----------|-------------|------------------------------------|----------|
| | MW6 | MW7 | MW8 | Field Blank | Class I | Class II |
| BTX Analytical Testing Results | | | | | | |
| Benzene | <0.005 | <0.005 | <0.005 | <0.005 | 0.005 | 0.025 |
| Toluene | <0.005 | <0.005 | <0.005 | <0.005 | 0.7 | 1.0 |
| Ethylbenzene | <0.005 | <0.005 | <0.005 | <0.005 | 1.0 | 2.5 |
| Xylene | <0.005 | <0.005 | <0.005 | <0.005 | 10.0 | 10.0 |
| PNA Analytical Testing Results | | | | | | |
| Acenaphthene | <0.010 | <0.010 | <0.010 | <0.010 | 0.42 | 2.1 |
| Anthracene | <0.010 | <0.010 | <0.010 | <0.010 | 2.1 | 10.5 |
| Benzo(a)anthracene | <0.00013 | <0.00013 | <0.00013 | <0.00013 | 0.00013 | 0.00065 |
| Benzo(a)pyrene | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | 0.002 |
| Benzo(b)fluoranthene | <0.00018 | <0.00018 | <0.00018 | <0.00018 | 0.00018 | 0.0009 |
| Benzo(k)fluoranthene | <0.00017 | <0.00017 | <0.00017 | <0.00017 | 0.00017 | 0.00085 |
| Chrysene | <0.0015 | <0.0015 | <0.0015 | <0.0015 | 0.0015 | 0.0075 |
| Dibenzo(a,h)anthracene | <0.0003 | <0.0003 | <0.0003 | <0.0003 | 0.0003 | 0.0015 |
| Fluoranthene | <0.010 | <0.010 | <0.010 | <0.010 | 0.28 | 1.4 |
| Fluorene | <0.010 | <0.010 | <0.010 | <0.010 | 0.28 | 1.4 |
| Indeno (1,2,3-c,d)Pyrene | <0.0003 | <0.0003 | <0.0003 | <0.0003 | 0.00043 | 0.00215 |
| Naphthalene | <0.010 | <0.010 | <0.010 | <0.010 | 0.14 | 0.22 |
| Pyrene | <0.010 | <0.010 | <0.010 | <0.010 | 0.21 | 1.05 |

Note:

- Analytical testing results are expressed in parts-per-million (ppm) concentrations.
- The analytical testing results are compared to the IEPA's – July 15, 2013 – 35 IAC 742. Appendix B – Table E: Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Ingestion Route.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Results expressed in **BOLD** exceed the above referenced remediation objectives.

Table 9

Additional Water Samples (MW9 – MW10)
Analytical Testing Results
Groundwater Samples Collected on May 14, 2023
Graham C-Stores Co. / Round Lake Beach
Project: L23308.03

| Analytical Testing Constituent | Sample ID and Analytical Testing Results | | | Groundwater Remediation Objectives | |
|--------------------------------|--|----------|-------------|------------------------------------|----------|
| | MW9 | MW10 | Field Blank | Class I | Class II |
| BTX / MTBE Analysis | | | | | |
| Benzene | N/A | <0.005 | <0.005 | 0.005 | 0.025 |
| Toluene | N/A | <0.005 | <0.005 | 0.7 | 1.0 |
| MTBE | N/A | <0.005 | <0.005 | 0.07 | 0.07 |
| Ethylbenzene | N/A | <0.005 | <0.005 | 1.0 | 2.5 |
| Xylene | N/A | <0.005 | <0.005 | 10.0 | 10.0 |
| PNA Analysis | | | | | |
| Acenaphthene | N/A | <0.010 | <0.010 | 0.42 | 2.1 |
| Anthracene | N/A | <0.005 | <0.005 | 2.1 | 10.5 |
| Benzo(a)anthracene | N/A | <0.00013 | <0.00013 | 0.00013 | 0.00065 |
| Benzo(a)pyrene | N/A | <0.0002 | <0.0002 | 0.0002 | 0.002 |
| Benzo(b)fluoranthene | N/A | <0.00018 | <0.00018 | 0.00018 | 0.0009 |
| Benzo(k)fluoranthene | N/A | <0.00017 | <0.00017 | 0.00017 | 0.00085 |
| Chrysene | N/A | <0.015 | <0.015 | 0.0015 | 0.0075 |
| Dibenzo(a,h)anthracene | N/A | <0.0003 | <0.0003 | 0.0003 | 0.0015 |
| Fluoranthene | N/A | <0.002 | <0.002 | 0.28 | 1.4 |
| Fluorene | N/A | <0.002 | <0.002 | 0.28 | 1.4 |
| Indeno (1,2,3-c,d)Pyrene | N/A | <0.0003 | <0.0003 | 0.00043 | 0.00215 |
| Naphthalene | N/A | <0.010 | <0.010 | 0.14 | 0.22 |
| Pyrene | N/A | <0.002 | <0.002 | 0.21 | 1.05 |

Note:

- Analytical testing results are expressed in parts-per-million (ppm) concentrations.
- The analytical testing results are compared to the IEPA's – July 15, 2013 – 35 IAC 742. Appendix B – Table E: Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Ingestion Route.
- N/A – Monitoring well MW9 did not produce any water and could not be sampled.
- Analytical testing conducted by First Environmental Laboratories, Inc. (First Environmental) of Naperville, Illinois.
- Testing results expressed in **BOLD*** exceed the above referenced soil remediation objectives.
- MW9 did not generate any water and could not be sampled.

PLAT OF SURVEY

AREA SUBJECT TO PROPOSED HIGHWAY AUTHORITY AGREEMENT

MARCHESE AND SONS, Inc.

and - marine - construction surveys

HIGHWAY AUTHORITY AGREEMENT DESCRIPTION

[illegible]

CONTAINING 28216 SQUARE FEET OR 653 ACRES, MORE OR LESS

SITE LOCATION MAP



SHEET: 1 OF 1

Keywords: child sexual abuse; disclosure; social support

FROM: info@jshale.com OR info@jshale.com
 FROM: info@jshale.com OR info@jshale.com

SCALE ONE INCH = FIFTEEN FEET

24-17749

GRAHAM C - STORES

STATE OF ILLINOIS

COUNTY OF DU PAGE

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

CONFIDENTIAL. FEBRUARY 27, 2025



 KENNETH LEE ROY, PRESIDENT, UNITED STATES OF AMERICA
 2000 EIGHTH AVENUE, NEW YORK, NEW YORK 10018

SURVEYOR'S NOTES

4.500 mg 2,4,6-trichloro-5-bromo-3-nitrobenzoic acid
2.000 g 1,2-dichloroethane 1.000 g triethylamine 0.1
g 4-aminobenzoic acid 0.1 g 4-aminobenzoic acid

BASES OF BEARINGS, DISTANCES AND COORDINATES SHOWN HEREON
REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST
ZONE NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) GRID.

[illegible]

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A PRELIMINARY TITLE COMMITMENT WAS NOT FURNISHED FOR USE IN PREPARATION OF THIS PLAY THEREFORE SOME EASEMENTS MAY NOT

BE SHOWN

SEVERAL MAY DIFFERENCE IN BUILDING LAW AND OTHER REGULATIONS NOT MAKING IT FEASIBLE TO VIOLATE CONTRACT.

By J. B. TUTT, ADVISANCE FOR THE AND PENDING CONCERN
