

**BEFORE THE POLLUTION CONTROL BOARD  
OF THE STATE OF ILLINOIS**

|                        |   |                                    |
|------------------------|---|------------------------------------|
| BOI, LLC,              | ) |                                    |
|                        | ) |                                    |
| Petitioner,            | ) |                                    |
|                        | ) |                                    |
| vs.                    | ) |                                    |
|                        | ) | PCB No.                            |
| ILLINOIS ENVIRONMENTAL | ) | (LUST Appeal – Petition for Review |
| PROTECTION AGENCY,     | ) | and Hearing/Appeal)                |
|                        | ) |                                    |
| Respondent.            | ) |                                    |

**PETITION FOR REVIEW AND HEARING/APPEAL**

NOW COMES BOI, LLC (“BOI”) by its attorneys, Robert M. Riffle, Esq. and Anne L. Mergen, Esq., of Riffle & Associates LLC, and as and for its Petition for Review and Hearing/Appeal of the Illinois Environmental Protection Agency’s (IEPA’s) final decision with respect to the Stage 3 Site Investigation Budget and Site Investigation Completion Report and Corrective Action Plan and Budget regarding a certain leaking underground storage tank (LUST) site, states as follows:

**BACKGROUND**

1. BOI retained TriCore Environmental, LLC (“TriCore”) to remediate the property located at 1196 State Street, LPC #0314625010, LUST Incident-Claim No. 942117 & 20141348 (the “Property” or the “Project”).
2. On October 25, 2019, BOI and TriCore submitted a Stage 3 Site Investigation Budget and Site Investigation Completion Report and Corrective Action Plan and Budget to the Illinois Environment Protection Agency (“IEPA”).

6. By letter dated May 18, 2020, the IEPA rejected the Site Investigation Completion Report, the Corrective Action Plan, and the Corrective Action Plan Budget submitted by BOI and TriCore.

7. The Denial Letter was designated as a final and appealable order (the Final Decision). (See Exhibit 1).

### ARGUMENT

The IEPA rejected the Site Investigation Completion Report and Corrective Action Plan and Budget based upon the reasons stated on Attachment A to the denial letter (Exhibit 1). BOI and TriCore Environmental, LLC respectfully disagree with these determinations, and affirmatively state that the Site Investigation Completion Report and Corrective Action Plan and Budget should have both been approved. BOI established conclusively that it made appropriate efforts to gain access to neighboring property for purposes of completing off-site remediation and that access was effectively denied, as required by the Illinois Administrative Code. (35 IAC 734.345(b) and 734.350). Moreover, the alleged grounds for denial were all improper as explained in the email from TriCore to the IEPA attached as Exhibit 2.

### CONCLUSION

For all of the foregoing reasons, BOI respectfully requests a hearing in this matter, which will provide it the opportunity to establish. That the Site Investigation Completion Report and Corrective Action Plan and Budget were both wrongfully denied. BOI also requests that the Final Decision be reversed or modified by deeming the Site Investigation Completion Report and Corrective Action Plan and Budget approved. BOI also seeks such other and further relief as is deemed necessary or appropriate in the circumstance.

Respectfully submitted,

BOI, Petitioner

By: s/ Anne L. Mergen  
Anne L. Mergen

Riffle & Associates LLC  
ROBERT M. RIFFLE, ESQ.  
ANNE L. MERGEN, ESQ.  
133A S. Main Street  
Morton, IL 61550  
(309) 321-8365

CERTIFICATE OF SERVICE

The undersigned hereby certifies that on Friday, June 19, 2020 the foregoing document was electronically filed with the Illinois Pollution Control Board using the electronic filings system, which will send notification of such filing to the following:

Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 W. Randolph Street  
Suite 11-500  
Chicago, IL 60601

James G. Richardson  
Deputy General Counsel  
Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
PO Box 19276  
Springfield, IL 62794-9276

s/ Anne L. Mergen  
Anne L. Mergen  
Riffle & Associates LLC  
133A S. Main Street  
Morton, IL 61550  
(309) 321-8365



**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217-524-3300

CERTIFIED MAIL

7018 1830 0000 5282 7165

MAY 18 2020

BOI, LLC  
Attention: Steve Broadus  
201 Danny's Drive  
Suite 5  
Streator, Illinois 61364



Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

Dear Mr. Broadus:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the October 25, 2019 Stage 3 Site Investigation Budget and Site Investigation Completion Report, as well as the October 25, 2019 Corrective Action Plan and Budget. This information was prepared by TriCore Environmental, LLC. Citations in this letter are from the Environmental Protection Act (415 ILCS 5) (Act) and Title 35 of the Illinois Administrative Code (35 Illinois Administrative Code).

A summary of the site information is presented in Attachment 1 of this letter. A summary of the Stage 3 Site Investigation Budget and Site Investigation Completion Report is presented in Attachment 2 of this letter. A summary of the Corrective Action Plan and Budget is presented in Attachment 3 of this letter. Figures and tables are presented in Attachment 4 of this letter.

The Stage 3 Site Investigation Budget is approved for the amounts listed in Attachment 5 of this letter (Sections 57.7(a)(2) and 57.7(c) of the Act and 35 Illinois Administrative Code 734.505(b) and 734.510(b)). Please note that the costs must be incurred in accordance with the approved Site Investigation Plan. Be aware that the amount of payment from the Underground Storage Tank Fund may be limited by Sections 57.7(c), 57.8(d), 57.8(e), and 57.8(g) of the Act, as well as 35 Illinois Administrative Code 734.630 and 734.655.

The Site Investigation Completion Report is rejected for the reasons explained in Attachment 6 of this letter (Sections 57.7(a)(5) and 57.7(c)(4) of the Act and 35 Illinois Administrative Code 734.505(b) and 734.510(a)).

The Corrective Action Plan is rejected for the reasons explained in Attachment 7 of this letter (Sections 57.7(b)(2) and 57.7(c) of the Act and 35 Illinois Administrative Code 734.505(b) and 734.510(a)).

4302 N. Main Street, Rockford, IL 61103 (815) 987-7760  
595 S. State Street, Elgin, IL 60123 (847) 608-3131  
2125 S. First Street, Champaign, IL 61820 (217) 278-5800  
2009 Mall Street Collinsville, IL 62234 (618) 346-5120

9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000  
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022  
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200  
100 W. Randolph Street, Suite 4-500, Chicago, IL 60601

The Corrective Action Budget is rejected for the reasons explained in Attachment 8 of this letter (Sections 57.7(b)(3) and 57.7(c) of the Act and 35 Illinois Administrative Code 734.505(b) and 734.510(b)).

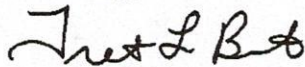
In accordance with Sections 57.7(a)(5) and 57.12(c) and (d) of the Act and 35 Illinois Administrative Code 734.100, 734.125, and 734.305, the Illinois EPA requires the submittal of a Stage 3 Site Investigation Plan and Budget within 120 days of the date of this letter to

Illinois Environmental Protection Agency  
Bureau of Land - #24  
Leaking Underground Storage Tank Program  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

An underground storage tank system owner or operator may appeal this final decision to the Illinois Pollution Control Board. Appeal rights are explained in Attachment 9 of this letter.

Any questions with regard to this letter should be directed to Michael Piggush via telephone (217-782-3101) or electronic mail ([michael.piggush@illinois.gov](mailto:michael.piggush@illinois.gov)).

Sincerely,



Trent L. Benanti, P.E.  
Unit Manager  
Leaking Underground Storage Tank Program  
Remedial Project Management Section  
Bureau of Land

Attachments (9):

1. Summary of the Site Information
2. Summary of the Stage 3 Site Investigation Budget and Site Investigation Completion Report
3. Summary of the Corrective Action Plan and Budget
4. Figures and Tables
5. Stage 3 Site Investigation Budget Approval
6. Site Investigation Completion Report Rejection Reasons
7. Corrective Action Plan Rejection Reasons
8. Corrective Action Budget Rejection Reasons
9. Appeal Rights

Electronic Copies (3):

1. Marcos Czako (TriCore Environmental, LLC), [marcos.czako@tricoreweb.com](mailto:marcos.czako@tricoreweb.com)
2. Kim Miller (TriCore Environmental, LLC), [kim.miller@tricoreweb.com](mailto:kim.miller@tricoreweb.com)
3. Shawn Rodeck (TriCore Environmental, LLC), [shawn.rodeck@tricoreweb.com](mailto:shawn.rodeck@tricoreweb.com)

Attachment 1

Summary of the Site Information

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

The basic site information is summarized as follows:

1. The site property is currently a vacant lot.
  - a. The site property was formerly a gas station.
2. Releases have occurred from the following underground storage tank systems:
  - a. One 6,000-gallon gasoline underground storage tank system.
  - b. One 3,000-gallon gasoline underground storage tank system.
  - c. One 3,000-gallon gasoline / diesel fuel underground storage tank system.
3. The indicator contaminants are BETX, MTBE, and PNAs.
4. The underground storage tank systems were removed on November 25 and 26, 2014.
5. A total of 8,913 cubic yards of contaminated soil were excavated and disposed of between April 20, 2015 and June 8, 2015.

Attachment 2

Summary of the Stage 3 Site Investigation Budget and Site Investigation Completion Report

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

The Stage 3 Site Investigation Budget and Site Investigation Completion Report are summarized as follows:

1. The total budget is \$11,523.28.
2. The Stage 3 Site Investigation Budget includes
  - a. Costs associated with PNA analyses of 62 soil samples.
  - b. Costs associated with the preparation of the Stage 3 Site Investigation Budget.
  - c. Costs associated with the preparation of the Site Investigation Completion Report.
  - d. Costs associated with the preparation of a reimbursement package.
3. The Site Investigation Completion Report states that the extent of contamination has been defined.



Attachment 3

Summary of the Corrective Action Plan and Budget

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

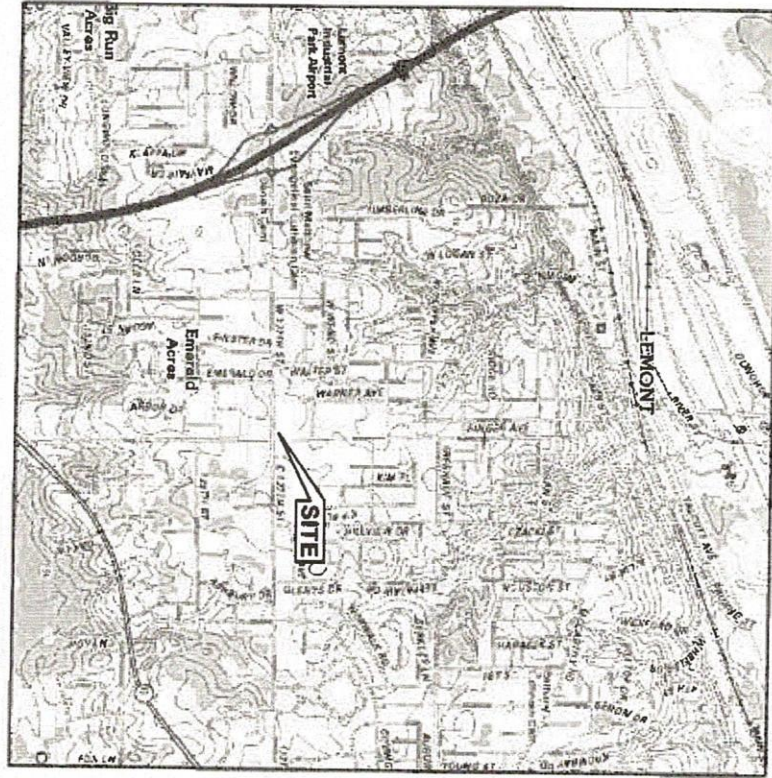
The Corrective Action Plan and Budget are summarized as follows:

1. The Corrective Action Plan states that groundwater is not present beneath the site to a depth of 25 to 30 feet below ground surface and that the groundwater beneath the TCK (Walgreens) property is discontinuous.
2. The Corrective Action Plan states that an industrial / commercial land use restriction will apply to the site property.
3. The Corrective Action Plan states that a Cook County Highway Authority Agreement dated May 16, 2018 will be utilized for a portion of 127<sup>th</sup> Street.
4. The Corrective Action Plan states that a Village of Lemont Highway Authority Agreement dated June 11, 2018 will be utilized for a portion of State Street.
5. The Corrective Action Plan states that SSL equations were used to develop Tier 2 remediation objectives for the soil component of the groundwater ingestion exposure pathway. The on-site concentrations were compared to these Tier 2 remediation objectives and do not exceed these Tier 2 remediation objectives.
6. The Corrective Action Plan states that RBCA equations were used to perform soil leaching evaluations for the off-site concentrations that exceed the Tier 1 remediation objectives for the soil component of the groundwater ingestion exposure pathway.
7. The Corrective Action Plan states that RBCA equations were used to evaluate the off-site concentrations that exceed the Tier 1 remediation objectives for the groundwater component of the groundwater ingestion exposure pathway.
8. The Corrective Action Plan states that a Tier 3 evaluation is being proposed for sample locations at the TCK (Walgreens) property that exceed the Tier 1 remediation objectives for the outdoor inhalation and soil component of the groundwater ingestion exposure pathways.
9. Given the age of the release, the geology, and the lack of continuous groundwater, the Corrective Action Plan states that a Tier 3 evaluation to utilize measured concentrations in lieu of modeled concentrations is being proposed for off-site sample locations that exceed the remediation objectives for the soil and groundwater components of the groundwater ingestion exposure pathway.

10. The Corrective Action Plan states that a Tier 3 impractical remediation evaluation is being proposed for sample locations within the rights-of-way of 127<sup>th</sup> Street and State Street that exceed the Tier 1 soil saturation limits.
11. The Corrective Action Plan states that best efforts have been made to address the TCK (Walgreens) property.
12. The Corrective Action Plan states that evaluation of the indoor inhalation exposure pathway is not required.
13. The total budget is \$42,157.32.
14. The Corrective Action Budget includes
  - a. Costs associated with the abandonment of five groundwater monitoring wells MW-1 - MW-5).
  - b. Costs associated with the preparation of the Highway Authority Agreements.
  - c. Costs associated with the negotiations for the TCK (Walgreens) property.
  - d. Costs associated with the preparation of the Corrective Action Plan and Budget.
  - e. Costs associated with the preparation of a Corrective Action Completion Report.
  - f. Costs associated with the recording of the No Further Remediation Letter.
  - g. Costs associated with the preparation of two reimbursement packages.

Attachment 4

Figures and Tables



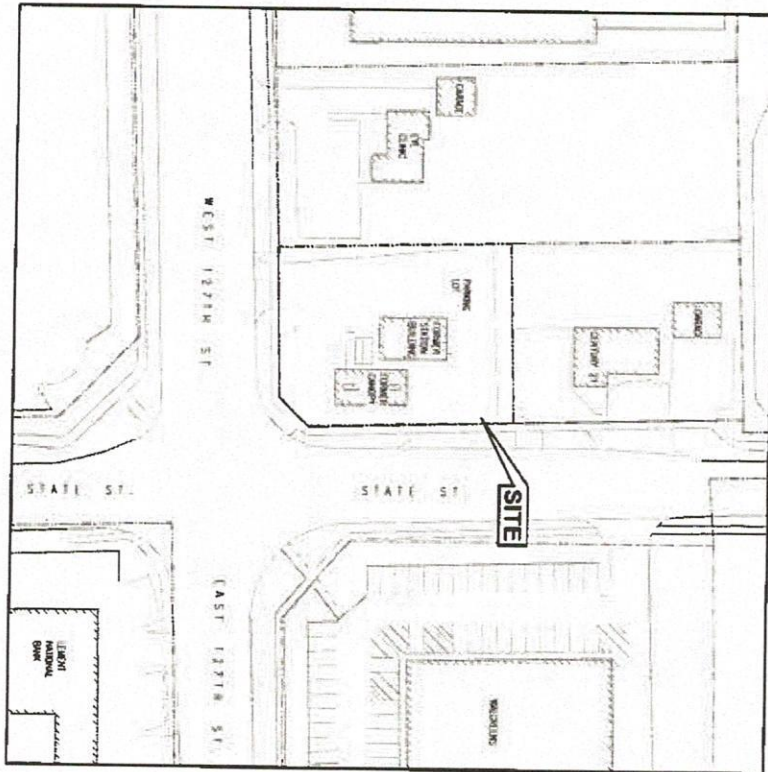
U.S.G.S. TOPOGRAPHIC MAP

SCALE 1:24,000

ROMEVOILLE AND SAG BRIDGE QUADRANGLES  
COOK COUNTY, ILLINOIS  
7.5 MINUTE SERIES (TOPOGRAPHIC)

1 MILE  
0 1000 2000 3000 4000 5000 6000 7000 FEET  
0 5 10 15 20 25 30 35 40 45 50 KILOMETERS

ILLINOIS  
QUADRANGLE LOCATION



SCHEMATIC OF SURROUNDING AREA

APPROXIMATE SCALE IN FEET  
0 50 100

3

DRAWN BY: SAA  
APPROVED BY: M.C.  
SCALE: AS NOTED  
DATE: 10/25/2019  
DRAWING FILE: MD14-170

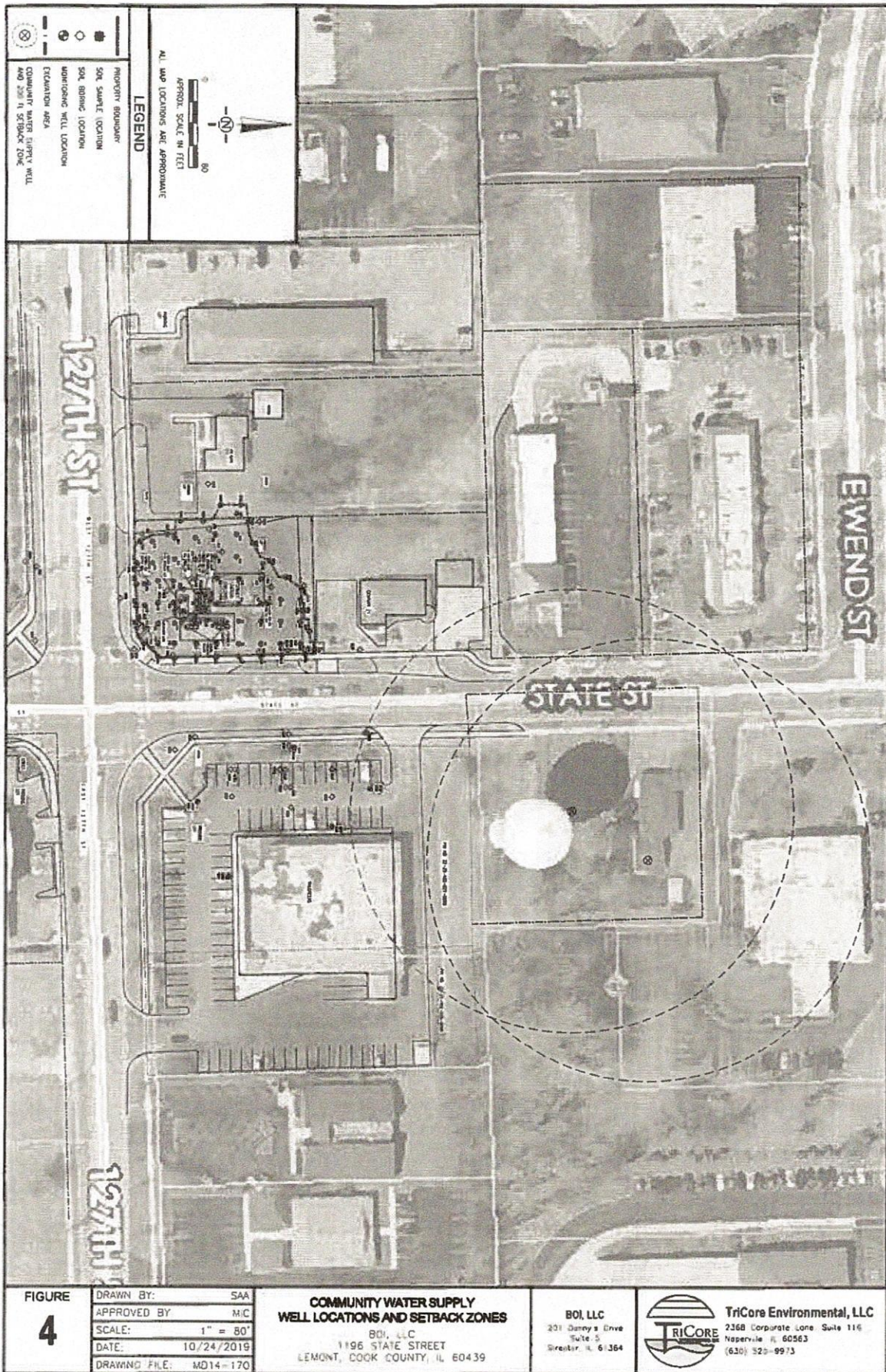
**SITE LOCATION MAP**

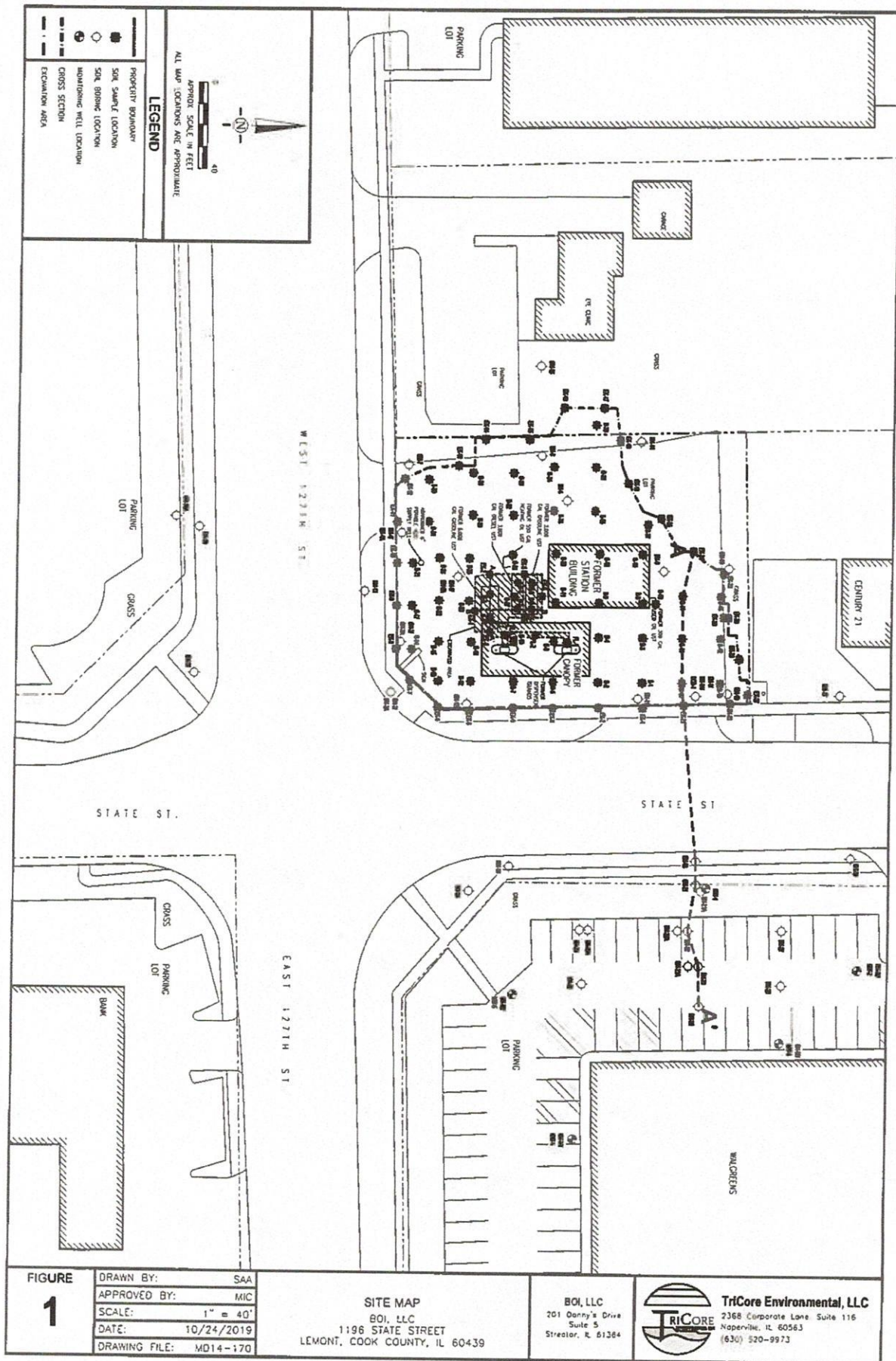
BOI, LLC  
1196 STATE STREET  
LEMONT, COOK COUNTY, IL 60439

BOI, LLC  
201 Deary's Drive  
Suite 5  
Sreator, IL 61364



TriCore Environmental, LLC  
2368 Corporate Lane, Suite 116  
Naperville, IL 60563  
(630) 520-8933





FIGURE

1

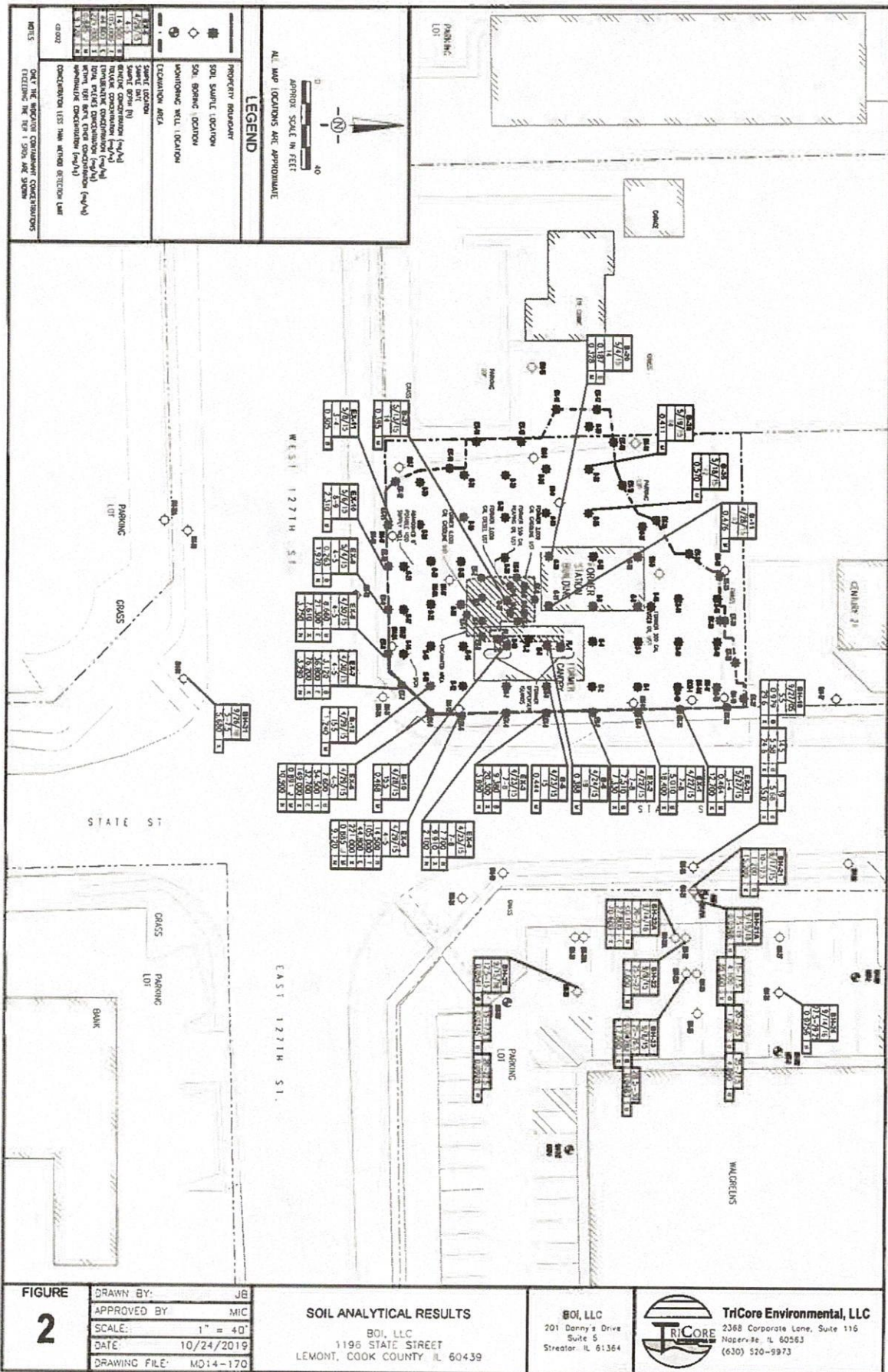
DRAWN BY: SAA  
 APPROVED BY: MIC  
 SCALE: 1" = 40'  
 DATE: 10/24/2019  
 DRAWING FILE: MD14-170

SITE MAP  
 BOI, LLC  
 1196 STATE STREET  
 LEMONT, COOK COUNTY, IL 60439

BOI, LLC  
 201 Danny's Drive  
 Suite 5  
 Streator, IL 61364



TriCore Environmental, LLC  
 2368 Corporate Lane, Suite 116  
 Naperville, IL 60563  
 (630) 520-9973



**FIGURE 2**

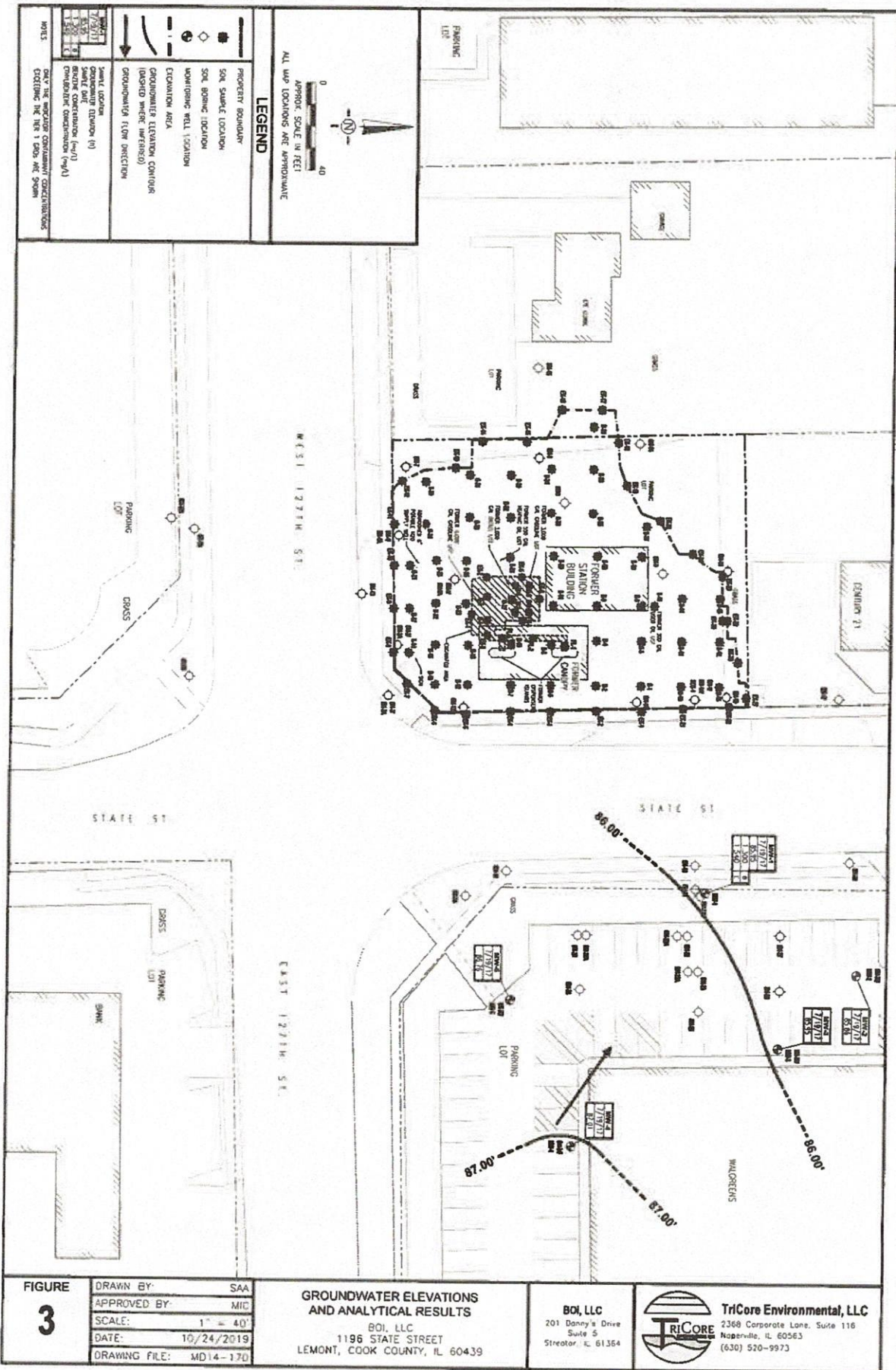
DRAWN BY: JB  
 APPROVED BY: MIC  
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 DATE: 10/24/2019  
 DRAWING FILE: MO14-170

**SOIL ANALYTICAL RESULTS**

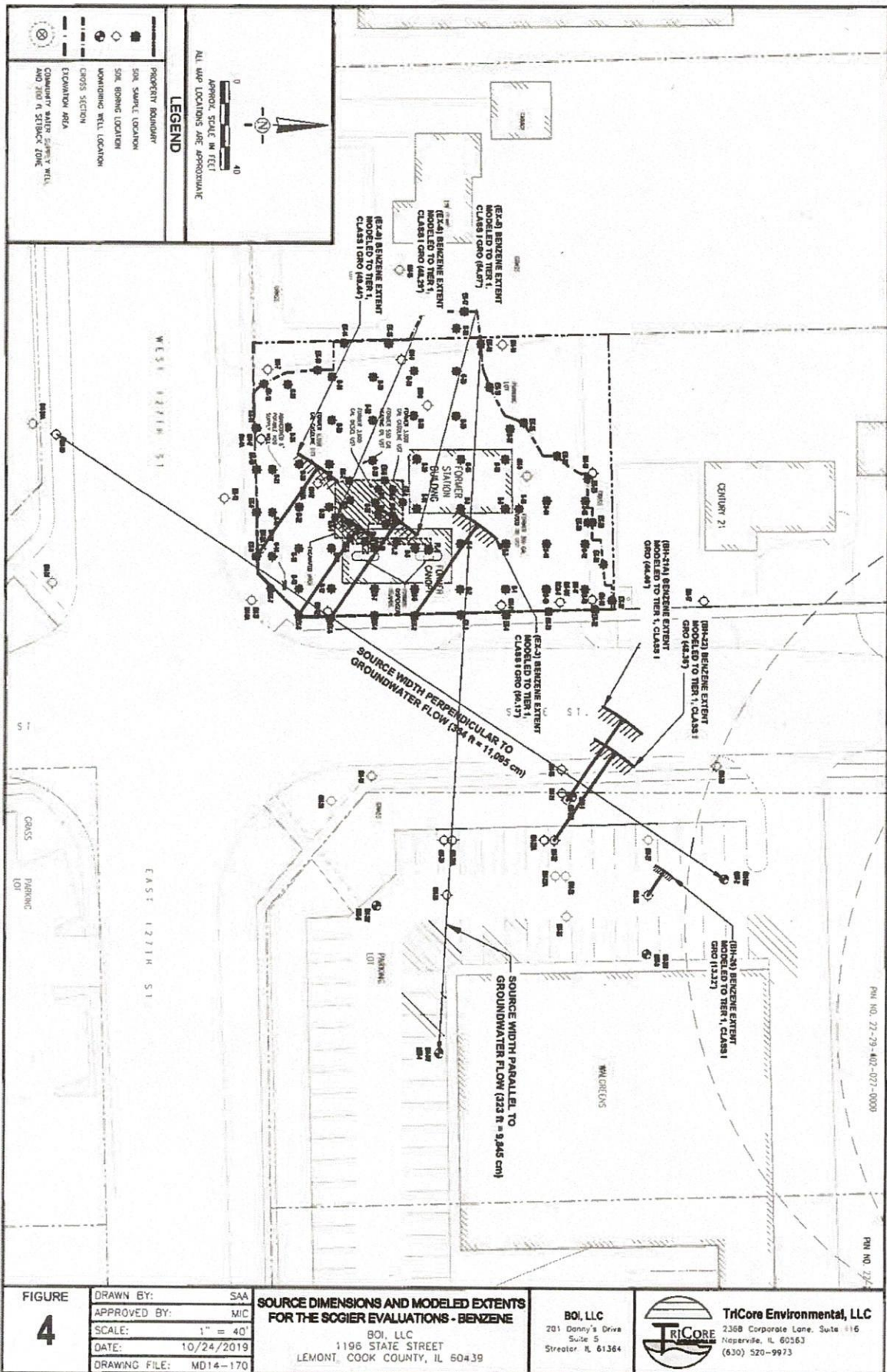
BOI, LLC  
 1196 STATE STREET  
 LEMONT, COOK COUNTY IL 60439

BOI, LLC  
 201 Danny's Drive  
 Suite 5  
 Streator IL 61364

**TriCore Environmental, LLC**  
 2368 Corporate Lane, Suite 116  
 Naperville IL 60563  
 (630) 510-9973







|                     |               |            |
|---------------------|---------------|------------|
| <b>FIGURE<br/>4</b> | DRAWN BY:     | SAA        |
|                     | APPROVED BY:  | MIC        |
|                     | SCALE:        | 1" = 40'   |
|                     | DATE:         | 10/24/2019 |
|                     | DRAWING FILE: | MD14-170   |

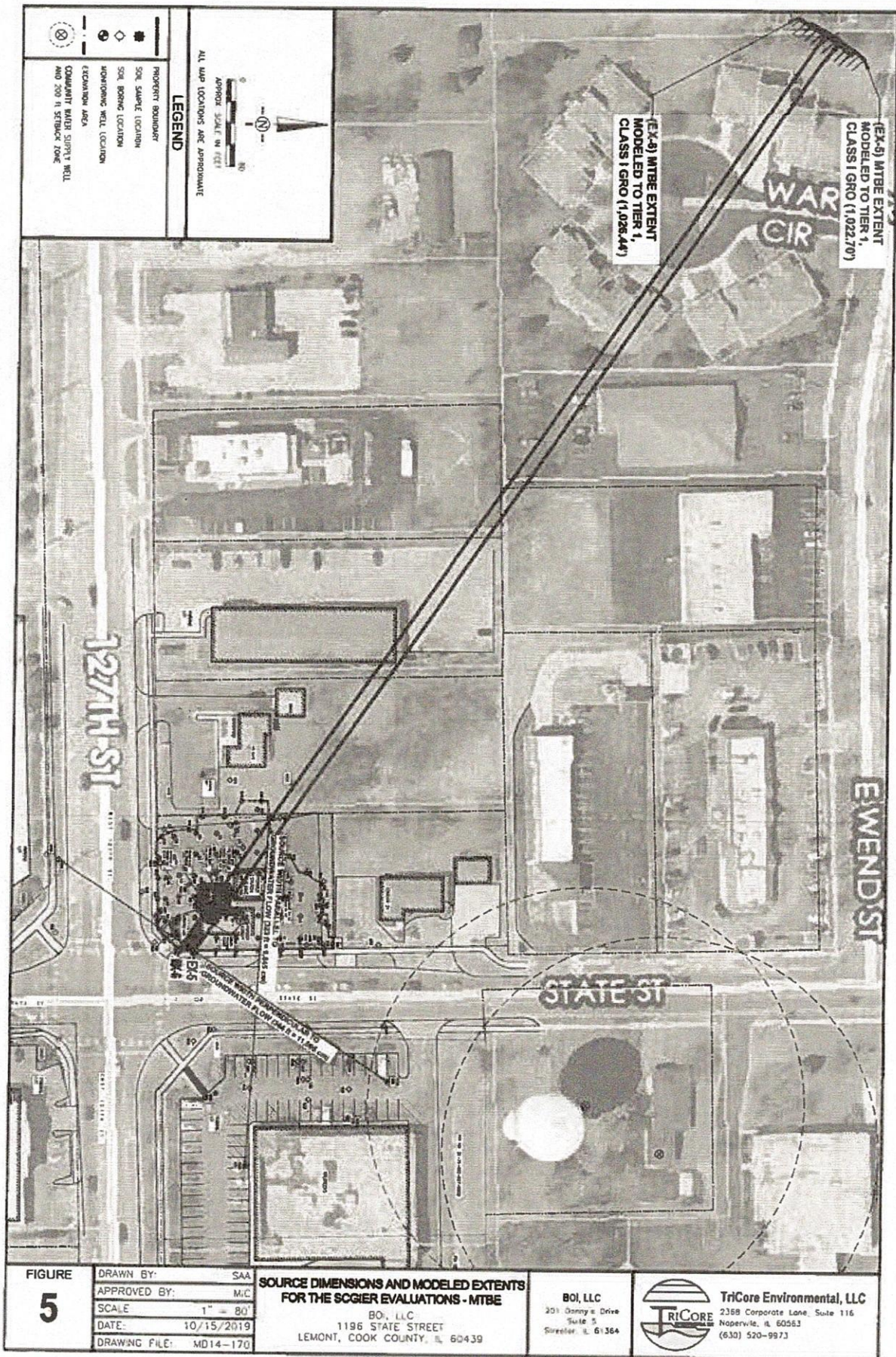
**SOURCE DIMENSIONS AND MODELED EXTENTS  
FOR THE SCGIER EVALUATIONS - BENZENE**

BOI, LLC  
1196 STATE STREET  
LEMONT, COOK COUNTY, IL 60439

BOI, LLC  
201 Danny's Drive  
Suite 5  
Streator, IL 61364

**TriCore Environmental, LLC**  
2368 Corporate Lane, Suite #16  
Naperville, IL 60563  
(630) 520-9973

PHI NO. 21-79-403-021-0000  
PHI NO. 21-79-403-021-0000



**FIGURE 5**

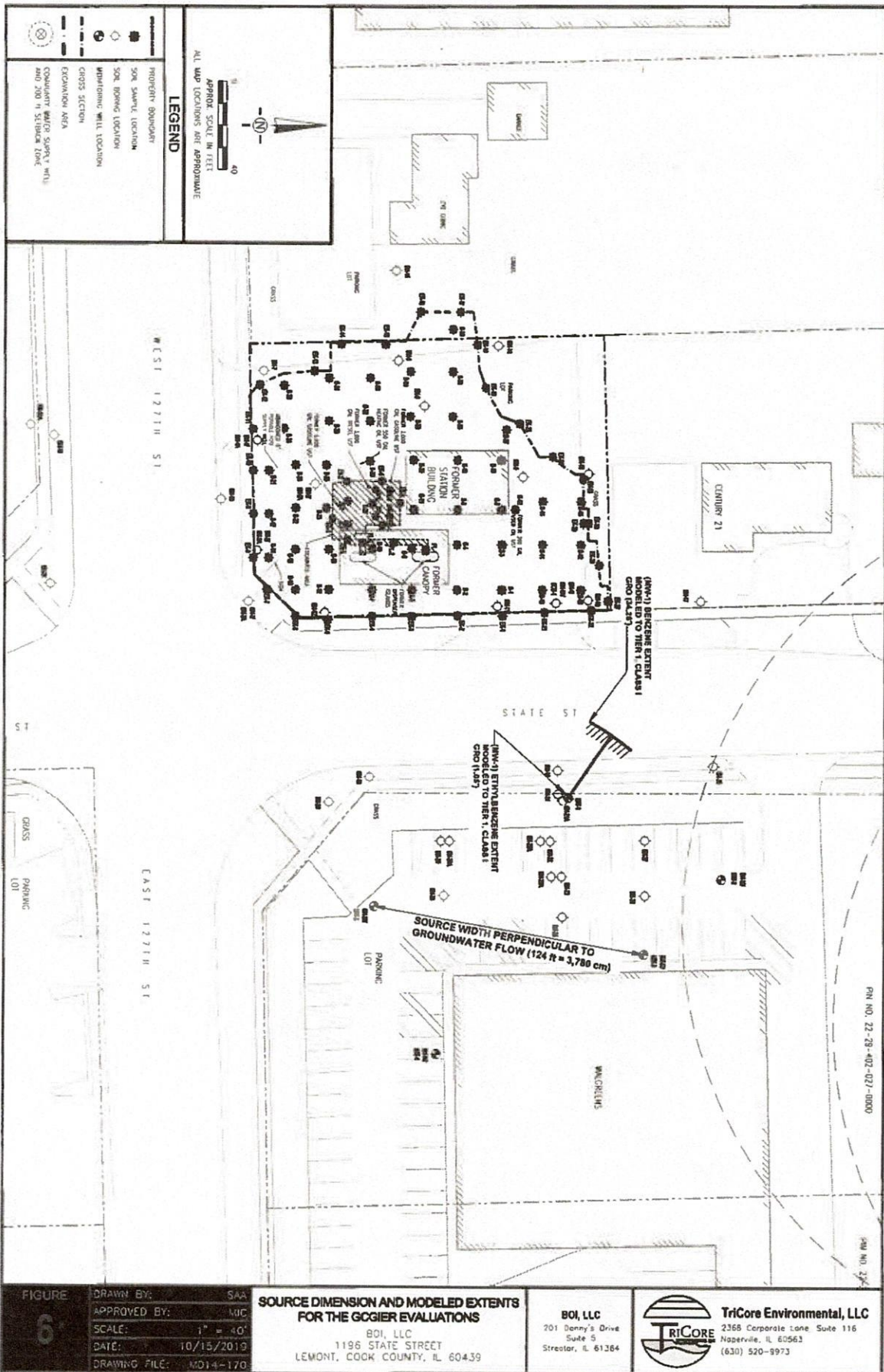
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 APPROVED BY: M.C.  
 SCALE: 1" = 80'  
 DATE: 10/15/2019  
 DRAWING FILE: MD14-170

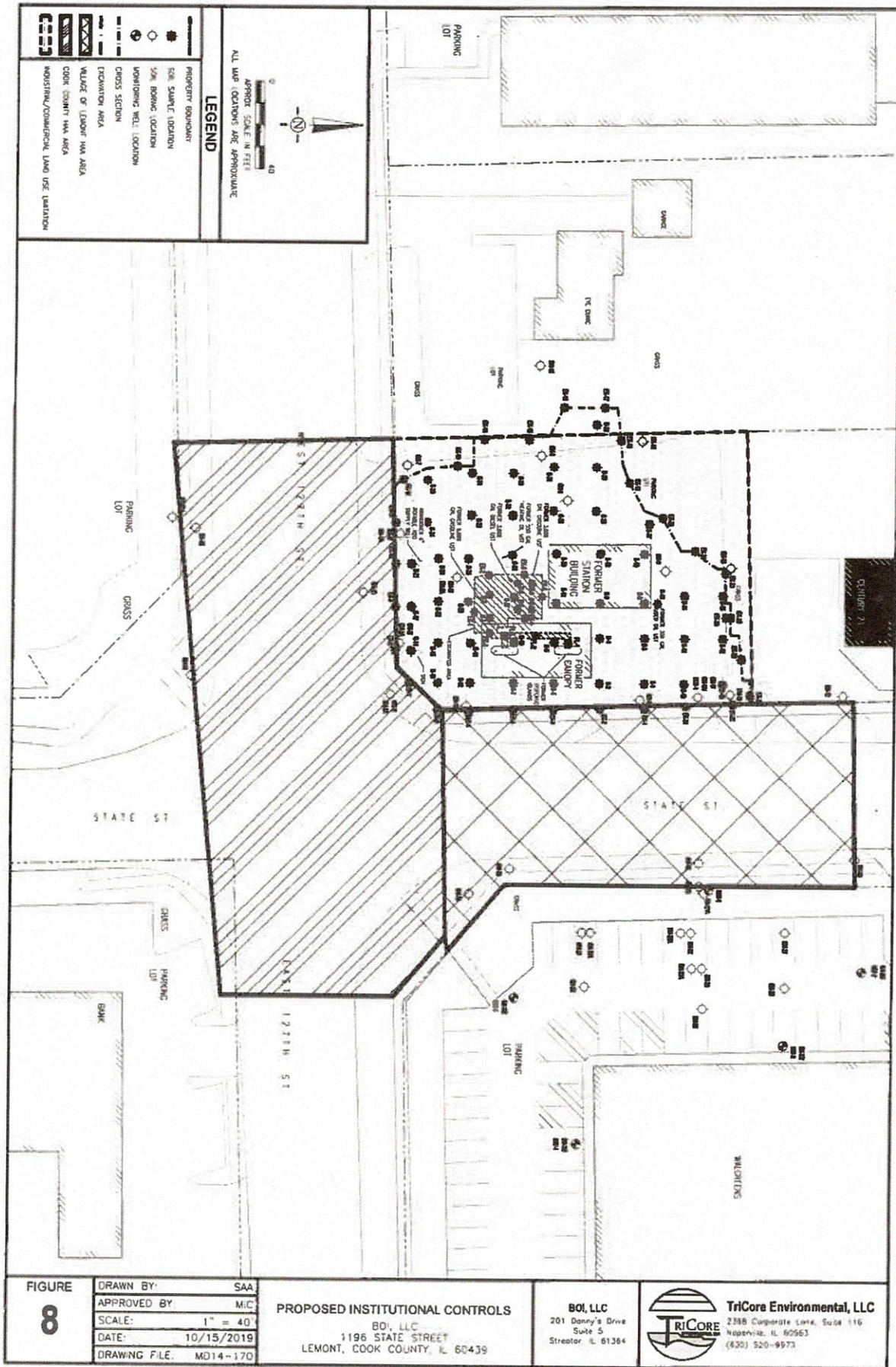
**SOURCE DIMENSIONS AND MODELED EXTENTS FOR THE SCGIER EVALUATIONS - MTBE**  
 BO, LLC  
 1196 STATE STREET  
 LEMONT, COOK COUNTY, IL 60439

BOI, LLC  
 201 Conroy Drive  
 Suite 5  
 Shoreline, IL 61364



**TriCore Environmental, LLC**  
 2358 Corporate Lane, Suite 116  
 Naperville, IL 60563  
 (630) 520-9973





|          |        |                        |
|----------|--------|------------------------|
| <b>8</b> | FIGURE | DRAWN BY: SAA          |
|          |        | APPROVED BY: M.C.      |
|          |        | SCALE: 1" = 40'        |
|          |        | DATE: 10/15/2019       |
|          |        | DRAWING FILE: MD14-170 |

**PROPOSED INSTITUTIONAL CONTROLS**  
 BOI, LLC  
 1196 STATE STREET  
 LEMONT, COOK COUNTY, IL 60439

**BOI, LLC**  
 201 Danny's Drive  
 Suite 5  
 Streator, IL 61364

**TriCore Environmental, LLC**  
 2388 Corporate Lane, Suite 116  
 Naperville, IL 60563  
 (630) 520-9973

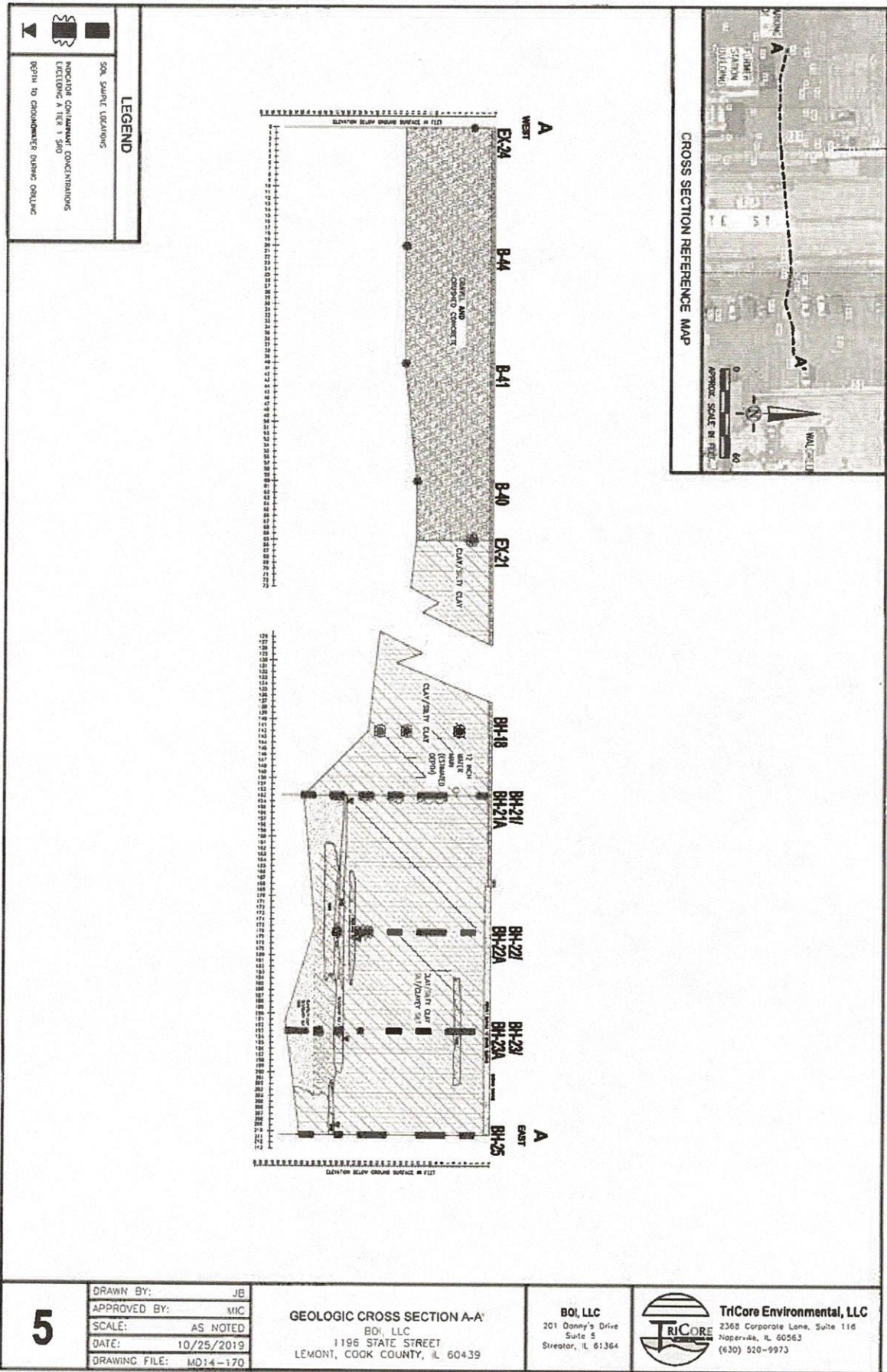


Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bls) | Analytical Results                     |                    |                         |                          |                 |
| BH-1-A                                     | 9/18/03     | 7.5-8                      | 0.316                                  | 0.430              | 6.31                    | 13.2                     |                 |
| BH-1-B                                     | 9/18/03     | 14-14.5                    | <0.0289                                | <0.289             | <0.289                  | <0.289                   |                 |
| BH-1-C                                     | 8/10/04     | 18                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-2-A                                     | 9/18/03     | 4.5-5                      | 3.6000                                 | 0.293              | 5.730                   | 4.030                    |                 |
| BH-2-B                                     | 8/10/04     | 13                         | 0.0879                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-2-C                                     | 8/10/04     | 23                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-3-A                                     | 9/18/03     | 6.5-7                      | <0.0286                                | <0.286             | 0.904                   | 0.596                    |                 |
| BH-3-B                                     | 8/10/04     | 13                         | 0.0293                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-3-C                                     | 8/10/04     | 18                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-4-A                                     | 9/18/03     | 4.5-5                      | 0.184                                  | <0.309             | 0.309                   | <0.309                   |                 |
| BH-4-B                                     | 8/10/04     | 13                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-5-A                                     | 9/18/03     | 4.5-5                      | 2.710                                  | 4.86               | 4.78                    | 10.3                     |                 |
| BH-5-B                                     | 8/10/04     | 13                         | 1.070                                  | 1.11               | <0.005                  | 0.522                    |                 |
| BH-5-C                                     | 8/10/04     | 24                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-6-A                                     | 8/2/05      | 5                          | 0.0719                                 | <0.005             | <0.005                  | 0.0054                   |                 |
| BH-6-B                                     | 8/2/05      | 9                          | 1.060                                  | 1.090              | 1.91                    | 8.1                      |                 |
| BH-6-C                                     | 8/2/05      | 15                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-6-D                                     | 8/2/05      | 18                         | 0.0064                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-7-A                                     | 8/2/05      | 4                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-7-B                                     | 8/2/05      | 9                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-7-C                                     | 8/2/05      | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-7-D                                     | 8/2/05      | 18                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-8-A                                     | 8/2/05      | 3                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-8-B                                     | 8/2/05      | 9                          | 0.459                                  | <0.005             | 0.438                   | 0.419                    |                 |
| BH-8-C                                     | 8/2/05      | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-9-A                                     | 8/2/05      | 4                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-9-B                                     | 8/2/05      | 9                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-9-C                                     | 8/2/05      | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-10-A                                    | 8/2/05      | 4                          | <0.030                                 | 0.0882             | 1.98                    | 4.920                    |                 |
| BH-10-B                                    | 8/2/05      | 9                          | 2.660                                  | 0.348              | 1.79                    | 3.820                    |                 |
| BH-10-C                                    | 8/2/05      | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-10-D                                    | 8/2/05      | 18-20                      | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |

Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bls) | Analytical Results                     |                    |                         |                          |                 |
| BH-11-A                                    | 8/2/05      | 4                          | 24.5                                   | 65.8               | 52.7                    | 207.0                    |                 |
| BH-11-B                                    | 8/2/05      | 9                          | 5.730                                  | 0.4                | 4.030                   | 8.0                      |                 |
| BH-11-C                                    | 8/2/05      | 14                         | 0.0045                                 | 0.0056             | <0.005                  | 0.0093                   |                 |
| BH-12-A                                    | 8/2/05      | 4                          | 10.2                                   | 39.5               | 12.0                    | 59.0                     |                 |
| BH-12-B                                    | 8/2/05      | 9                          | 14.3                                   | 0.897              | 10.4                    | 9.140                    |                 |
| BH-12-C                                    | 8/2/05      | 14                         | 0.0126                                 | 0.0261             | <0.005                  | 0.0115                   |                 |
| BH-12-D                                    | 8/2/05      | 19                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-13-A                                    | 8/2/05      | 9                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-13-B                                    | 8/2/05      | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-14-A                                    | 9/26/05     | 4-5                        | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-14-B                                    | 9/26/05     | 8                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-14-C                                    | 9/26/05     | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-15-A                                    | 9/26/05     | 4.5                        | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-15-B                                    | 9/26/05     | 8                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-15-C                                    | 9/26/05     | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-16-A                                    | 9/26/05     | 4.5                        | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-16-B                                    | 9/26/05     | 8                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-16-C                                    | 9/26/05     | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-17-A                                    | 9/26/05     | 5                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-17-B                                    | 9/26/05     | 9                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-17-C                                    | 9/26/05     | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-18-A                                    | 9/27/05     | 5.5                        | 0.979                                  | 0.997              | 9.19                    | 29.6                     |                 |
| BH-18-B                                    | 9/27/05     | 14.5                       | 5.58                                   | 0.681              | 9.84                    | 24.6                     |                 |
| BH-18-C                                    | 9/27/05     | 19                         | 5.68                                   | 6.890              | 9.11                    | 35.0                     |                 |
| BH-19-A                                    | 9/27/05     | 8                          | 0.0057                                 | <0.005             | <0.005                  | 0.0057                   |                 |
| BH-19-B                                    | 9/27/05     | 14                         | 0.0159                                 | 0.0097             | 0.0397                  | 0.0752                   |                 |
| BH-19-C                                    | 9/27/05     | 19                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-20-A                                    | 11/12/05    | 4                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-20-B                                    | 11/12/05    | 8                          | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| BH-20-C                                    | 11/12/05    | 14                         | <0.002                                 | <0.005             | <0.005                  | <0.005                   |                 |
| EX-1                                       | 11/25/14    | 7-8                        | 1.240                                  | 0.264              | 7.810                   | 2.910                    | 0.103 J         |
| EX-2                                       | 11/25/14    | 7-8                        | 6.330                                  | 3.200              | 35.900                  | 54.500                   | 0.655 J         |

Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bis) | Analytical Results                     |                    |                         |                          |                 |
| EX-3                                       | 11/25/14    | 7-8                        | 1.890                                  | 3.360              | 32.600                  | 158.000                  | 0.972 J         |
| B-1  | 11/25/14    | 12-13                      | 1.860                                  | 0.164              | 0.373                   | 1.630                    | <0.0301         |
| B-2  | 11/25/14    | 12-13                      | 5.200                                  | <0.244             | 1.460                   | 2.790                    | <0.244          |
| B-3  | 11/25/14    | 7-8                        | 1.340                                  | 0.129              | 0.143                   | 0.345                    | <0.0293         |
| B-4  | 11/25/14    | 7-8                        | 2.070                                  | 0.156              | 0.193                   | 0.398                    | <0.0295         |
| Backfill #1                                | 11/25/14    |                            | 5.750                                  | 1.400              | 24.600                  | 7.880                    | 0.450 J         |
| PL-1                                       | 11/26/14    | 2.5-3                      | 3.850                                  | 3.340              | 51.200                  | 112.000                  | 2.060           |
| PL-2                                       | 11/26/14    | 2.5-3                      | 14.100                                 | 4.180              | 96.000                  | 269.000                  | 1.640 J         |
| PL-3                                       | 11/26/14    | 2.5-3                      | 13.700                                 | 13.800             | 103.000                 | 356.000                  | 3.700           |
| B-5  | 11/26/14    | 7-8                        | 3.070                                  | 0.115              | 0.351                   | 0.533                    | <0.0293         |
| B-6  | 11/26/14    | 7-8                        | 0.0481                                 | <0.0293            | 0.0589                  | 0.258                    | <0.0293         |
| EX-4                                       | 11/26/14    | 4-5                        | 1.460                                  | 0.724              | 13.800                  | 25.700                   | 0.157 J         |
| EX-5                                       | 11/26/14    | 4-5                        | 36.500                                 | 6.100              | 106.000                 | 644.000                  | 5.110 J         |
| EX-6                                       | 11/26/14    | 4-5                        | 9.330                                  | 4.990              | 90.200                  | 159.000                  | 1.790 J         |
| Backfill #2                                | 11/26/14    |                            | 8.690                                  | 37.100             | 74.100                  | 327.000                  | 3.870           |
| EX-1                                       | 4/22/15     | 7-8                        | 5.010                                  | 0.995              | 7.800                   | 18.400                   | <0.0294         |
| EX-2                                       | 4/22/15     | 7-8                        | 7.510                                  | 0.394              | 6.910                   | 7.330                    | <0.0147         |
| B-1  | 4/22/15     | 15.5                       | <0.0105                                | <0.0128            | <0.0142                 | <0.0553                  | 0.0234 J        |
| B-2  | 4/22/15     | 16                         | <0.0111                                | <0.0135            | <0.0150                 | <0.0585                  | 0.123           |
| B-3  | 4/22/15     | 16                         | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | 0.0227 J        |
| B-4  | 4/23/15     | 16.5                       | <0.0107                                | <0.0130            | 0.0172 J                | <0.0560                  | 0.122           |
| B-5  | 4/23/15     | 15                         | 0.0308                                 | <0.0129            | <0.0143                 | <0.0558                  | 0.444           |
| EX-3                                       | 4/23/15     | 7-8                        | 9.380                                  | 0.462              | 11.000                  | 20.300                   | 0.0944 J        |
| EX-4                                       | 4/23/15     | 7-8                        | 7.700                                  | 0.815              | 11.900                  | 9.910                    | 0.186           |
| B-6  | 4/24/15     | 19                         | <0.0115                                | <0.0288            | <0.0288                 | <0.0864                  | 0.388           |
| B-7  | 4/24/15     | 19                         | <0.0113                                | <0.0283            | <0.0283                 | <0.0849                  | 0.0915          |
| B-8  | 4/27/15     | 16                         | <0.0119                                | <0.0298            | <0.0298                 | <0.0895                  | <0.0298         |
| B-9  | 4/27/15     | 15                         | <0.0116                                | <0.0289            | <0.0289                 | <0.0868                  | 0.148           |
| B-10                                       | 4/28/15     | 15.5                       | <0.0115                                | <0.0287            | <0.0287                 | <0.0861                  | 0.468           |
| B-11                                       | 4/28/15     | 17                         | <0.0116                                | <0.0290            | <0.0290                 | <0.0869                  | 0.476           |
| B-12                                       | 4/29/15     | 18                         | <0.0113                                | <0.0282            | <0.0282                 | <0.0845                  | 0.128           |
| EX-5                                       | 4/29/15     | 4-5                        | 14.500                                 | 105.000            | 44.800                  | 221.000                  | 0.885 J         |



Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                         | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|-------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                         | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                         | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                         | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                         | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                         | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                         | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                         | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                         | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                         | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                         | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                         | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth (feet bls) | Analytical Results                     |                    |                         |                          |                 |
| EX-6                                       | 4/29/15     | 4-5                     | 7.600                                  | 54.500             | 32.700                  | 149.000                  | 0.891 J         |
| B-13                                       | 4/29/15     | 15.5                    | <0.0116                                | <0.0290            | <0.0290                 | <0.0870                  | 1.240           |
| EX-7                                       | 4/30/15     | 4-5                     | 3.120                                  | 0.808 J            | 36.800                  | 76.200                   | <0.313          |
| B-14                                       | 4/30/15     | 15.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0563                  | 0.0337 J        |
| EX-8                                       | 4/30/15     | 4-5                     | 8.660                                  | 1.070              | 21.300                  | 7.610                    | 0.158J          |
| B-15                                       | 5/1/15      | 15.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0560                  | 0.0259 J        |
| B-16                                       | 5/1/15      | 17.5                    | <0.0104                                | <0.0126            | <0.0140                 | <0.0544                  | <0.0142         |
| B-17                                       | 5/1/15      | 15.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | 0.0561 J        |
| EX-9                                       | 5/4/15      | 4-5                     | 0.263                                  | 0.0508 J           | 4.790                   | 0.619                    | <0.0328         |
| B-18                                       | 5/4/15      | 15.5                    | <0.0108                                | <0.0131            | <0.0146                 | <0.0567                  | 0.137           |
| B-19                                       | 5/4/15      | 15.5                    | <0.0108                                | <0.0131            | <0.0145                 | <0.0565                  | <0.0148         |
| B-20                                       | 5/4/15      | 14                      | 0.187                                  | <0.129             | <0.0143                 | <0.0556                  | 0.328           |
| EX-10                                      | 5/6/15      | 8-9                     | 2.310                                  | 0.130              | 1.400                   | 0.636                    | <0.0290         |
| B-21                                       | 5/6/15      | 15.5                    | <0.0111                                | <0.0135            | 0.0175 J                | <0.0582                  | <0.0152         |
| B-22                                       | 5/7/15      | 15.5                    | <0.0109                                | <0.0132            | 0.0175 J                | <0.0570                  | <0.0149         |
| B-23                                       | 5/7/15      | 15.5                    | <0.0109                                | <0.0133            | <0.0147                 | <0.0573                  | 0.318           |
| B-24                                       | 5/8/15      | 9                       | <0.0104                                | <0.0127            | <0.0140                 | <0.0546                  | 0.0430 J        |
| B-25                                       | 5/8/15      | 15.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0560                  | 0.208           |
| B-26                                       | 5/8/15      | 15                      | <0.0108                                | <0.0131            | <0.0145                 | <0.0566                  | <0.0148         |
| EX-11                                      | 5/8/15      | 3-4                     | 0.305                                  | <0.0144            | <0.0159                 | <0.0620                  | <0.0162         |
| EX-12                                      | 5/8/15      | 3-4                     | <0.0118                                | <0.0144            | <0.0160                 | <0.0622                  | <0.0162         |
| EX-13                                      | 5/13/15     | 4-5                     | <0.0114                                | <0.0139            | <0.0154                 | <0.0599                  | <0.0157         |
| B-27                                       | 5/13/15     | 14                      | <0.0108                                | <0.0131            | <0.0145                 | <0.0566                  | 0.395           |
| B-29                                       | 5/13/15     | 9                       | <0.0108                                | <0.0131            | <0.0146                 | <0.0567                  | 0.0318 J        |
| EX-14                                      | 5/14/15     | 4-5                     | <0.0118                                | <0.0143            | <0.0158                 | <0.0617                  | <0.0161         |
| B-28                                       | 5/14/15     | 13                      | <0.0106                                | <0.0129            | <0.0143                 | <0.0559                  | 0.206           |
| B-30                                       | 5/14/15     | 11                      | <0.0106                                | <0.0129            | <0.0143                 | <0.0559                  | 0.0565 J        |
| B-31                                       | 5/14/15     | 11                      | <0.0106                                | <0.0159            | <0.0143                 | <0.0559                  | 0.0226 J        |
| EX-15                                      | 5/15/15     | 8-9                     | <0.0107                                | <0.0131            | 0.0207 J                | 0.0589 J                 | 0.0392 J        |
| B-32                                       | 5/15/15     | 11                      | <0.0107                                | <0.0130            | <0.0144                 | <0.0562                  | 0.302           |
| B-33                                       | 5/15/15     | 11                      | <0.0107                                | <0.0130            | <0.0144                 | <0.0561                  | 0.241           |
| B-34                                       | 5/15/15     | 11                      | <0.0109                                | <0.0133            | <0.0147                 | <0.0573                  | 0.0466 J        |

Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bls) | Analytical Results                     |                    |                         |                          |                 |
| Overburden 1                               | 5/15/15     |                            | <0.0112                                | <0.0137            | <0.0151                 | <0.0590                  | <0.0154         |
| B-35                                       | 5/18/15     | 12                         | <0.0107                                | <0.0130            | 0.0192 J                | 0.0576 J                 | 0.570           |
| EX-16                                      | 5/18/15     | 9-10                       | <0.0110                                | <0.0134            | <0.0149                 | <0.0579                  | <0.0151         |
| EX-17                                      | 5/18/15     | 9-10                       | <0.0107                                | <0.0130            | <0.0144                 | <0.0562                  | <0.0147         |
| B-36                                       | 5/18/15     | 12                         | <0.0108                                | <0.0131            | <0.0145                 | <0.0565                  | 0.0306 J        |
| Overburden-2                               | 5/18/15     |                            | <0.0109                                | <0.0132            | <0.0146                 | <0.0571                  | <0.0149         |
| B-37                                       | 5/19/15     | 14                         | <0.0107                                | <0.0131            | <0.0145                 | <0.0564                  | <0.0147         |
| B-38                                       | 5/19/15     | 14                         | <0.0107                                | <0.0131            | <0.0145                 | <0.0565                  | 0.411           |
| B-39                                       | 5/19/15     | 12                         | <0.0103                                | <0.0125            | <0.0139                 | <0.0541                  | 0.0511 J        |
| EX-18                                      | 5/19/15     | 3-4                        | <0.0120                                | <0.0146            | <0.0162                 | <0.0632                  | <0.0165         |
| EX-19                                      | 5/19/15     | 3-4                        | <0.0115                                | <0.0140            | <0.0155                 | <0.0605                  | <0.0158         |
| B-40                                       | 5/22/15     | 13                         | <0.0107                                | <0.0130            | <0.0144                 | <0.0560                  | <0.0146         |
| B-41                                       | 5/27/15     | 15                         | <0.0105                                | <0.0128            | <0.0142                 | <0.0553                  | <0.0144         |
| EX-20                                      | 5/27/15     | 3-4                        | <0.0127                                | <0.0154            | <0.0171                 | <0.0666                  | <0.0174         |
| EX-21                                      | 5/27/15     | 3-4                        | 0.464                                  | 0.627              | 11.600                  | 12.700                   | <0.0664         |
| EX-22                                      | 5/27/15     | 4-5                        | <0.0310                                | <0.0378            | 2.140                   | 2.410                    | <0.0426         |
| B-42                                       | 5/27/15     | 12.5                       | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| B-43                                       | 5/27/15     | 12.5                       | <0.0107                                | <0.0131            | <0.0145                 | <0.0564                  | <0.0147         |
| B-44                                       | 5/27/15     | 15                         | <0.0107                                | <0.0130            | <0.0144                 | <0.0562                  | <0.0147         |
| B-45                                       | 5/28/15     | 12.5                       | <0.0108                                | <0.0131            | <0.0145                 | <0.0565                  | <0.0148         |
| EX-23                                      | 5/28/15     | 8.5-9.5                    | <0.0107                                | <0.0131            | <0.0145                 | <0.0564                  | <0.0147         |
| EX-24                                      | 5/28/15     | 3-4                        | <0.0118                                | <0.0143            | <0.0159                 | <0.0618                  | <0.0162         |
| B-46                                       | 6/5/15      | 14.5                       | <0.0107                                | <0.0130            | <0.0144                 | <0.0561                  | <0.0146         |
| EX-25                                      | 6/5/15      | 10-11                      | <0.0106                                | <0.0129            | <0.0143                 | <0.0556                  | <0.0145         |
| EX-26                                      | 6/5/15      | 3.5-5                      | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| EX-27                                      | 6/5/15      | 8.5-9.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0561                  | <0.0146         |
| EX-28                                      | 6/8/15      | 3-4                        | <0.0109                                | <0.0133            | <0.0147                 | <0.0573                  | <0.0150         |
| EX-28                                      | 6/8/15      | 8-9                        | <0.0106                                | <0.0130            | <0.0144                 | <0.0559                  | <0.0146         |
| BH-21                                      | 6/17/15     | 10-12.5                    | 1.200                                  | 0.362              | 12.700                  | 15.200                   | <0.0729         |
| BH-22                                      | 9/8/15      | 7.5-10                     | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| BH-22                                      | 9/8/15      | 25.5-27                    | 7.650                                  | 1.260              | 0.0313 J                | <0.110                   | <0.0288         |
| BH-23                                      | 9/8/15      | 25-26.5                    | 0.0428 J                               | 0.547              | 2.900                   | 17.000                   | <0.0376         |

Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bls) | Analytical Results                     |                    |                         |                          |                 |
| BH-23                                      | 9/8/15      | 28.5-30                    | 0.0483                                 | <0.0130            | <0.0144                 | <0.0562                  | <0.0147         |
| BH-24                                      | 9/8/15      | 4-6                        | <0.0279                                | <0.0339            | 0.0593 J                | <0.146                   | <0.0383         |
| BH-24                                      | 9/8/15      | 13.5-15                    | <0.0112                                | <0.0136            | <0.0151                 | <0.0587                  | <0.0153         |
| BH-22A                                     | 9/14/16     | 2.5-5                      | <0.0109                                | <0.0133            | <0.0147                 | <0.0573                  | <0.0150         |
| BH-22A                                     | 9/14/16     | 10-12.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | <0.0146         |
| BH-22A                                     | 9/14/16     | 15-17.5                    | <0.0110                                | <0.0134            | <0.0149                 | <0.0580                  | <0.0151         |
| BH-22A                                     | 9/14/16     | 20-23                      | <0.109                                 | 1.990              | 27.800                  | 70.600                   | <0.150          |
| BH-23A                                     | 9/14/16     | 2.5-5                      | <0.0130                                | <0.0158            | <0.0176                 | <0.0684                  | <0.0179         |
| BH-23A                                     | 9/14/16     | 5-7.5                      | <0.0114                                | <0.0139            | <0.0154                 | <0.0600                  | <0.0157         |
| BH-23A                                     | 9/14/16     | 10-12.5                    | <0.0107                                | 0.0153 J           | <0.0144                 | <0.0561                  | <0.0147         |
| BH-23A                                     | 9/14/16     | 15-17.5                    | <0.0108                                | <0.0132            | <0.0146                 | <0.0568                  | <0.0148         |
| BH-23A                                     | 9/14/16     | 21.5-22.5                  | <0.0110                                | <0.0133            | <0.0148                 | <0.0576                  | <0.0150         |
| BH-23A                                     | 9/14/16     | 31-32.5                    | <0.0107                                | <0.0131            | <0.0145                 | <0.0564                  | <0.0147         |
| BH-23A                                     | 9/14/16     | 32.5-35                    | <0.0118                                | <0.0144            | <0.0159                 | <0.0621                  | <0.0162         |
| BH-26                                      | 9/14/16     | 1-2.5                      | <0.0113                                | <0.0138            | <0.0153                 | <0.0596                  | <0.0156         |
| BH-26                                      | 9/14/16     | 7.5-10                     | <0.0107                                | 0.0135 J           | <0.0144                 | <0.0561                  | <0.0147         |
| BH-26                                      | 9/14/16     | 10-12.5                    | <0.0111                                | <0.0136            | <0.0150                 | <0.0585                  | <0.0153         |
| BH-26                                      | 9/14/16     | 17.5-20                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | <0.0146         |
| BH-26                                      | 9/14/16     | 20-22.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0557                  | <0.0146         |
| BH-26                                      | 9/14/16     | 27.5-29.25                 | 0.0756                                 | <0.0133            | <0.0148                 | <0.0575                  | <0.0150         |
| BH-27                                      | 9/14/16     | 2.5-5                      | <0.0117                                | 0.0168 J           | <0.0158                 | <0.0616                  | <0.0161         |
| BH-27                                      | 9/14/16     | 7.5-10                     | <0.0107                                | <0.0130            | <0.0144                 | <0.00563                 | <0.0147         |
| BH-27                                      | 9/14/16     | 12.5-15                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | <0.0146         |
| BH-27                                      | 9/14/16     | 17.5-20                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0556                  | <0.0145         |
| BH-27                                      | 9/14/16     | 22.5-25                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0561                  | <0.0147         |

Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bls) | Analytical Results                     |                    |                         |                          |                 |
| BH-27                                      | 9/14/16     | 27.5-30                    | <0.0101                                | <0.0123            | <0.0137                 | <0.0533                  | <0.0139         |
| BH-27                                      | 9/14/16     | 30-32.5                    | <0.0105                                | <0.0127            | <0.0141                 | <0.0127                  | <0.0144         |
| BH-21A                                     | 9/15/16     | 0.5-2.5                    | <0.0110                                | <0.0133            | <0.0148                 | <0.0575                  | <0.0150         |
| BH-21A                                     | 9/15/16     | 7.5-10                     | 0.0398                                 | <0.0128            | 0.0505 J                | 0.0807 J                 | <0.0144         |
| BH-21A                                     | 9/15/16     | 15-17.5                    | 4.100                                  | 8.830              | 9.310                   | 35.500                   | <0.0367         |
| BH-21A                                     | 9/15/16     | 20-22.5                    | 1.080                                  | 0.147              | 0.918                   | 0.685                    | <0.0149         |
| BH-21A                                     | 9/15/16     | 25-27.5                    | 4.890                                  | 0.0134 J           | <0.0146                 | <0.0568                  | <0.0148         |
| BH-21A                                     | 9/15/16     | 30-32.5                    | 0.0109 J                               | <0.0128            | <0.0142                 | <0.0552                  | <0.014          |
| BH-25                                      | 9/15/16     | 2.5-5                      | <0.0106                                | <0.0129            | <0.0143                 | <0.0559                  | <0.0146         |
| BH-25                                      | 9/15/16     | 7.5-10                     | <0.0106                                | <0.0129            | <0.0142                 | <0.0555                  | <0.0145         |
| BH-25                                      | 9/15/16     | 10-12.5                    | <0.0107                                | 0.0220 J           | <0.0144                 | <0.0560                  | <0.0146         |
| BH-25                                      | 9/15/16     | 17.5-20                    | <0.0108                                | <0.0132            | <0.0146                 | <0.0568                  | <0.0149         |
| BH-25                                      | 9/15/16     | 20-22.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0559                  | <0.0146         |
| BH-25                                      | 9/15/16     | 25-26.5                    | 0.0266                                 | <0.0132            | <0.0147                 | <0.0571                  | <0.0149         |
| BH-25                                      | 9/15/16     | 30-32.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0559                  | <0.0146         |
| BH-28                                      | 9/15/16     | 2.5-5                      | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| BH-28                                      | 9/15/16     | 5-7.5                      | <0.0106                                | <0.0129            | <0.0143                 | <0.0556                  | <0.0145         |
| BH-28                                      | 9/15/16     | 12.5-15                    | 0.0541                                 | 0.263              | 3.300                   | 3.600                    | <0.0147         |
| BH-28                                      | 9/15/16     | 15-17.5                    | 0.0345                                 | 0.106              | 2.000                   | 0.860                    | <0.0143         |
| BH-28                                      | 9/15/16     | 20-22.5                    | 0.0928                                 | 0.200              | 3.070                   | 3.050                    | <0.0151         |
| BH-28                                      | 9/15/16     | 25-27.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0559                  | <0.0146         |
| BH-29                                      | 9/15/16     | 2.5-5                      | <0.0116                                | <0.0142            | <0.0157                 | <0.0612                  | <0.0160         |
| BH-29                                      | 9/15/16     | 7.5-10                     | <0.0107                                | <0.0130            | <0.0144                 | <0.0561                  | <0.0147         |
| BH-29A                                     | 9/15/16     | 10-12.5                    | <0.0108                                | <0.0132            | <0.0146                 | <0.0570                  | <0.0149         |
| BH-29A                                     | 9/15/16     | 15-20                      | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| BH-29A                                     | 9/15/16     | 22.5-25                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0562                  | <0.0147         |
| BH-29A                                     | 9/15/16     | 27.5-30                    | <0.0105                                | <0.0128            | <0.0142                 | <0.0554                  | <0.0145         |
| BH-29A                                     | 9/15/16     | 32.5-35                    | <0.0107                                | <0.0131            | <0.0145                 | <0.0563                  | <0.0147         |
| BH-30                                      | 9/26/16     | 2.5-5                      | <0.0105                                | <0.0128            | <0.0142                 | <0.0553                  | <0.0145         |
| BH-30                                      | 9/26/16     | 7.5-10                     | <0.0110                                | <0.0133            | <0.0148                 | <0.0576                  | <0.0151         |
| BH-30                                      | 9/26/16     | 12.5-15                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0557                  | <0.0146         |
| BH-30                                      | 9/26/16     | 15-17.5                    | <0.0106                                | <0.0129            | <0.0142                 | <0.0555                  | <0.0145         |

Table 1

## Soil Analytical Results - BTEX and MTBE

BOI, LLC

1196 State Street

Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                     |             |                            | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|----------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                            | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                            | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                            | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                            | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                            | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                            | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                            | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                            | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                            | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                            | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                            | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth<br>(feet bls) | Analytical Results                     |                    |                         |                          |                 |
| BH-30A                                     | 9/26/16     | 22.5-25                    | <0.0103                                | <0.0125            | <0.0139                 | <0.0541                  | <0.0141         |
| BH-30A                                     | 9/26/16     | 27.5-30                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | <0.0146         |
| BH-31                                      | 9/26/16     | 2.5-5                      | <0.0114                                | <0.0139            | <0.0154                 | <0.0600                  | <0.0157         |
| BH-31                                      | 9/26/16     | 5-7.5                      | <0.0123                                | <0.0150            | 0.121                   | 5.680                    | <0.0169         |
| BH-31                                      | 9/26/16     | 12.5-15                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0560                  | <0.0146         |
| BH-31                                      | 9/26/16     | 15-17.5                    | <0.0105                                | <0.0127            | <0.0141                 | <0.0550                  | <0.0144         |
| BH-31                                      | 9/26/16     | 22.5-25                    | <0.0109                                | <0.0133            | <0.0147                 | <0.0573                  | <0.0150         |
| BH-31                                      | 9/26/16     | 25-27.5                    | <0.0109                                | <0.0132            | <0.0147                 | <0.0571                  | <0.0149         |
| BH-32                                      | 7/5/17      | 2.5-5                      | <0.0116                                | <0.0141            | <0.0156                 | <0.0610                  | <0.0159         |
| BH-32                                      | 7/5/17      | 5-7.5                      | <0.0113                                | <0.0137            | <0.0152                 | <0.0591                  | <0.0154         |
| BH-32                                      | 7/5/17      | 12.5-15                    | <0.0109                                | <0.0132            | <0.0147                 | <0.0571                  | <0.0149         |
| BH-32                                      | 7/5/17      | 15-17.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0561                  | <0.0147         |
| BH-32                                      | 7/5/17      | 20-22.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0560                  | <0.0146         |
| BH-32                                      | 7/5/17      | 27.5-30                    | <0.0105                                | <0.0128            | 0.0154 J                | <0.0553                  | <0.0144         |
| BH-32                                      | 7/5/17      | 30-30.5                    | <0.0111                                | <0.0136            | <0.0150                 | <0.0585                  | <0.0153         |
| BH-33                                      | 7/5/17      | 2.5-5                      | <0.0112                                | <0.0137            | <0.0151                 | <0.0590                  | <0.0154         |
| BH-33                                      | 7/5/17      | 7.5-10                     | <0.0114                                | <0.0139            | <0.0154                 | <0.0601                  | <0.0157         |
| BH-33                                      | 7/5/17      | 12.5-15                    | <0.0111                                | <0.0135            | <0.0149                 | <0.0581                  | <0.0152         |
| BH-33                                      | 7/5/17      | 15-17.5                    | <0.0110                                | <0.0134            | <0.0149                 | <0.0579                  | <0.0151         |
| BH-33                                      | 7/5/17      | 22.5-25                    | <0.0107                                | <0.0131            | <0.0145                 | <0.0563                  | <0.0147         |
| BH-33                                      | 7/5/17      | 25-27.5                    | <0.0106                                | <0.0129            | <0.0142                 | <0.0555                  | <0.0145         |
| BH-34                                      | 7/6/17      | 0.75-2.5                   | <0.0108                                | <0.0131            | <0.0145                 | <0.0565                  | <0.0148         |
| BH-34                                      | 7/6/17      | 7.5-10                     | <0.0107                                | <0.0131            | <0.0145                 | <0.0564                  | <0.0147         |
| BH-34                                      | 7/6/17      | 10-12.5                    | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| BH-34                                      | 7/6/17      | 17.5-20                    | <0.0108                                | <0.0131            | <0.0145                 | <0.0567                  | <0.0148         |
| BH-34                                      | 7/6/17      | 20-22.5                    | <0.0106                                | <0.0129            | <0.0143                 | <0.0558                  | <0.0146         |
| BH-34                                      | 7/6/17      | 25-27.5                    | <0.0107                                | <0.0130            | <0.0144                 | <0.0562                  | <0.0147         |
| BH-34                                      | 7/6/17      | 30-32.5                    | <0.0105                                | <0.0128            | <0.0141                 | <0.0551                  | <0.0144         |
| BH-35                                      | 7/6/17      | 0.5-2.5                    | <0.0128                                | <0.0156            | <0.0173                 | <0.0675                  | <0.0176         |
| BH-35                                      | 7/6/17      | 7.5-10                     | <0.0109                                | <0.0132            | <0.0147                 | <0.0572                  | <0.0149         |
| BH-35                                      | 7/6/17      | 12.5-15                    | <0.0108                                | <0.0132            | <0.0146                 | <0.0569                  | <0.0149         |
| BH-35                                      | 7/6/17      | 15-17.5                    | <0.0110                                | <0.0134            | <0.0148                 | <0.0578                  | <0.0151         |

**Table 1**  
**Soil Analytical Results - BTEX and MTBE**  
**BOI, LLC**  
**1196 State Street**  
**Lemont, Cook County, Illinois 60439**

| Tier 1 Exposure Routes                     |             |                         | Indicator Contaminants and Tier 1 SROs |                    |                         |                          |                 |
|--|-------------|-------------------------|--|--------------------|-------------------------|--------------------------|-----------------|
|  |             |                         | Benzene<br>(mg/kg)                     | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Total Xylenes<br>(mg/kg) | MTBE<br>(mg/kg) |
| Soil Ingestion - Residential               |             |                         | 12                                     | 16,000             | 7,800                   | 16,000                   | 780             |
| Soil Ingestion - Industrial/Commercial     |             |                         | 100                                    | 410,000            | 200,000                 | 410,000                  | 20,000          |
| Soil Ingestion - Construction Worker       |             |                         | 2,300                                  | 410,000            | 20,000                  | 41,000                   | 2,000           |
| Inhalation - Residential                   |             |                         | 0.8                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Industrial/Commercial         |             |                         | 1.6                                    | 650                | 400                     | 320                      | 8,800           |
| Inhalation - Construction Worker           |             |                         | 2.2                                    | 42                 | 58                      | 5.6                      | 140             |
| SCGIER - Class I Groundwater               |             |                         | 0.03                                   | 12                 | 13                      | 150                      | 0.32            |
| SCGIER - Class II Groundwater              |             |                         | 0.17                                   | 29                 | 19                      | 150                      | 0.32            |
| Soil Saturation Limit - Outdoor Inhalation |             |                         | 800                                    | 580                | 350                     | 280                      | 8,400           |
| Soil Saturation Limit - SCGIER             |             |                         | 580                                    | 290                | 150                     | 110                      | 11,000          |
| Sample Location                            | Sample Date | Sample Depth (feet bls) | Analytical Results                     |                    |                         |                          |                 |
| BH-35                                      | 7/6/17      | 20-22.5                 | <0.0107                                | <0.0131            | <0.0145                 | <0.0564                  | <0.0147         |
| BH-35                                      | 7/6/17      | 25-27.5                 | <0.0106                                | <0.0129            | <0.0142                 | <0.0555                  | <0.0145         |
| BH-35                                      | 7/6/17      | 30-35                   | <0.0104                                | <0.0127            | <0.0141                 | <0.0548                  | <0.0143         |

Notes:

- 1) **Bold** = detected concentration exceeds a Tier 1 SRO listed in 35 IAC Part 742
- 2) <0.0122 = concentration less than the laboratory reporting limit or method detection limit
- 3) Shaded cells = not applicable, not analyzed, or sample location was excavated
- 4) J = estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

Table 2  
Soil Analytical Results - PAHs  
BOI, LLC  
1196 State Street  
Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                 | Indicator Contaminants and Tier 1 SROs |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |          |         |
|--|--|---------------------------|-----------------------|---------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|-------------------------------------|-------------------------|---------------------|-------------------------------------|------------------------|-------------------------|-------------------|----------|---------|
|  | Acenaphthene<br>(mg/kg)                | Acenaphthylene<br>(mg/kg) | Anthracene<br>(mg/kg) | Benzo (a) anthracene<br>(mg/kg) | Benzo (a) pyrene<br>(mg/kg) | Benzo (b) fluoranthene<br>(mg/kg) | Benzo (g,h,i) perylene<br>(mg/kg) | Benzo (k) fluoranthene<br>(mg/kg) | Chrysene<br>(mg/kg) | Dibenzo (a,h) anthracene<br>(mg/kg) | Fluoranthene<br>(mg/kg) | Fluorene<br>(mg/kg) | Indeno (1,2,3-cd) pyrene<br>(mg/kg) | Naphthalene<br>(mg/kg) | Phenanthrene<br>(mg/kg) | Pyrene<br>(mg/kg) |          |         |
| Soil Ingestion - Residential           | 4,700                                  | 2,300                     | 23,000                | 1.8 <sup>(1)</sup>              | 2.1 <sup>(1)</sup>          | 2.1 <sup>(1)</sup>                | 2,300                             | 9                                 | 88                  | 0.42 <sup>(1)</sup>                 | 3,100                   | 3,100               | 1.6 <sup>(1)</sup>                  | 1,600                  | 2,300                   | 2,300             |          |         |
| Soil Ingestion - Industrial/Commercial | 120,000                                | 61,000                    | 610,000               | 8                               | 2.1 <sup>(1)</sup>          | 8                                 | 61,000                            | 78                                | 780                 | 0.8                                 | 82,000                  | 82,000              | 8                                   | 41,000                 | 61,000                  | 61,000            |          |         |
| Soil Ingestion - Construction Worker   | 120,000                                | 61,000                    | 610,000               | 170                             | 17                          | 170                               | 61,000                            | 1,700                             | 17,000              | 17                                  | 82,000                  | 82,000              | 170                                 | 4,100                  | 61,000                  | 61,000            |          |         |
| Inhalation - Residential               | --                                     | --                        | --                    | --                              | --                          | --                                | --                                | --                                | --                  | --                                  | --                      | --                  | --                                  | 170                    | --                      | --                |          |         |
| Inhalation - Industrial/Commercial     | --                                     | --                        | --                    | --                              | --                          | --                                | --                                | --                                | --                  | --                                  | --                      | --                  | --                                  | 270                    | --                      | --                |          |         |
| Inhalation - Construction Worker       | --                                     | --                        | --                    | --                              | --                          | --                                | --                                | --                                | --                  | --                                  | --                      | --                  | --                                  | 1.8                    | --                      | --                |          |         |
| SCGIER - Class I Groundwater           | 570                                    | 85                        | 12,000                | 2                               | 8                           | 5                                 | 27,000                            | 49                                | 160                 | 2                                   | 4,300                   | 560                 | 14                                  | 12                     | 210                     | 4,200             |          |         |
| SCGIER - Class II Groundwater          | 2,900                                  | 420                       | 59,000                | 8                               | 82                          | 25                                | 130,000                           | 250                               | 800                 | 7.6                                 | 21,000                  | 2,800               | 69                                  | 18                     | 1,100                   | 21,000            |          |         |
| Sample Location                        | Sample Date                            | Sample Depth (feet bts)   | Analytical Results    |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |          |         |
| EX-1                                   | 11/25/14                               | 7-8                       | <0.0992               | <0.0887                         | <0.103                      | <0.0687                           | <0.0709                           | <0.0992                           | <0.0755             | <0.110                              | <0.0917                 | <0.0727             | <0.0992                             | <0.0992                | <0.0754                 | 3.330             | <0.0992  | <0.0992 |
| EX-2                                   | 11/25/14                               | 7-8                       | <0.213                | <0.190                          | <0.221                      | <0.147                            | <0.152                            | <0.213                            | <0.162              | <0.235                              | <0.197                  | <0.156              | <0.213                              | <0.213                 | <0.162                  | 5.470             | <0.213   | <0.213  |
| EX-3                                   | 11/25/14                               | 7-8                       | <0.504                | <0.451                          | <0.523                      | <0.350                            | <0.361                            | <0.504                            | <0.384              | <0.558                              | <0.466                  | <0.370              | <0.504                              | <0.504                 | <0.383                  | 14.500            | <0.504   | <0.504  |
| B-1                                    | 11/25/14                               | 12-13                     | <0.0500               | <0.0447                         | <0.0518                     | <0.0346                           | <0.0357                           | <0.0500                           | <0.0381             | <0.0553                             | <0.0462                 | <0.0367             | <0.0500                             | <0.0500                | <0.0380                 | 1.750             | <0.0500  | <0.0500 |
| B-2                                    | 11/25/14                               | 12-13                     | <0.0504               | <0.0451                         | <0.0522                     | <0.0349                           | <0.0360                           | <0.0504                           | <0.0384             | <0.0557                             | <0.0466                 | <0.0369             | <0.0504                             | <0.0504                | <0.0383                 | 1.180             | <0.0504  | <0.0504 |
| B-3                                    | 11/25/14                               | 7-8                       | <0.0489               | <0.0437                         | <0.0507                     | <0.0339                           | <0.0350                           | <0.0489                           | <0.0372             | <0.0541                             | <0.0452                 | <0.0359             | <0.0489                             | <0.0489                | <0.0371                 | 1.070             | <0.0489  | <0.0489 |
| B-4                                    | 11/25/14                               | 7-8                       | <0.0492               | <0.0440                         | <0.0510                     | <0.0341                           | <0.0352                           | <0.0492                           | <0.0374             | <0.0544                             | <0.0455                 | <0.0361             | <0.0492                             | <0.0492                | <0.0374                 | 0.875             | <0.0492  | <0.0492 |
| Backfill #1                            | 11/25/14                               |                           | <0.108                | <0.0963                         | <0.112                      | <0.0746                           | <0.0770                           | <0.108                            | <0.0820             | <0.119                              | <0.0995                 | <0.0789             | <0.108                              | <0.108                 | <0.0818                 | 3.420             | <0.108   | <0.108  |
| PL-1                                   | 11/26/14                               | 2.5-3                     | <0.435                | <0.389                          | <0.451                      | <0.301                            | <0.311                            | <0.435                            | <0.331              | <0.481                              | <0.402                  | <0.319              | <0.435                              | <0.435                 | <0.330                  | 8.440             | <0.435   | <0.435  |
| PL-2                                   | 11/26/14                               | 2.5-3                     | <0.432                | <0.386                          | <0.448                      | <0.299                            | <0.309                            | <0.432                            | <0.329              | <0.478                              | <0.399                  | <0.317              | <0.432                              | <0.432                 | <0.328                  | 15.000            | <0.432   | <0.432  |
| PL-3                                   | 11/26/14                               | 2.5-3                     | <0.140                | <0.125                          | <0.145                      | <0.0972                           | <0.100                            | <0.140                            | <0.107              | <0.155                              | <0.130                  | <0.103              | <0.140                              | <0.140                 | <0.107                  | 6.710             | <0.140   | <0.140  |
| B-5                                    | 11/26/14                               | 7-8                       | <0.0782               | <0.0700                         | <0.0811                     | <0.0542                           | <0.0559                           | <0.0782                           | <0.0596             | <0.0866                             | <0.0723                 | <0.0574             | <0.0782                             | <0.0782                | <0.0594                 | 2.160             | <0.0782  | <0.0782 |
| B-6                                    | 11/26/14                               | 7-8                       | <0.010                | <0.0089                         | <0.0103                     | <0.0069                           | <0.0071                           | <0.010                            | <0.0076             | <0.0110                             | <0.0092                 | <0.0073             | <0.010                              | <0.010                 | <0.0076                 | 0.296             | <0.010   | <0.010  |
| EX-4                                   | 11/26/14                               | 4-5                       | <0.127                | <0.114                          | <0.132                      | <0.0880                           | <0.0908                           | <0.127                            | <0.0967             | <0.140                              | <0.117                  | <0.0931             | <0.127                              | <0.127                 | <0.0965                 | 8.600             | <0.127   | <0.127  |
| EX-5                                   | 11/26/14                               | 4-5                       | <0.427                | <0.382                          | <0.443                      | <0.296                            | <0.306                            | <0.427                            | <0.325              | <0.473                              | <0.395                  | <0.313              | <0.427                              | <0.427                 | <0.325                  | 20.700            | <0.427   | <0.427  |
| EX-6                                   | 11/26/14                               | 4-5                       | <0.431                | <0.386                          | <0.447                      | <0.299                            | <0.309                            | <0.431                            | <0.328              | <0.478                              | <0.399                  | <0.317              | <0.431                              | <0.431                 | <0.328                  | 20.900            | <0.431   | <0.431  |
| Backfill #2                            | 11/26/14                               |                           | <0.0497               | <0.0445                         | <0.0515                     | <0.0344                           | <0.0355                           | <0.0497                           | <0.0378             | <0.0550                             | <0.0459                 | <0.0364             | <0.0497                             | <0.0497                | <0.0377                 | 0.962             | <0.0497  | <0.0497 |
| EX-1                                   | 4/22/15                                | 7-8                       | <0.0483               | <0.0432                         | <0.0501                     | <0.0335                           | <0.0346                           | <0.0483                           | <0.0368             | <0.0535                             | <0.0447                 | <0.0355             | <0.0483                             | <0.0483                | <0.0367                 | 1.240             | <0.0483  | <0.0483 |
| EX-2                                   | 4/22/15                                | 7-8                       | <0.0097               | <0.0086                         | <0.0100                     | <0.0067                           | <0.0069                           | <0.0097                           | <0.0074             | <0.0107                             | <0.0089                 | <0.0071             | <0.0097                             | <0.0097                | <0.0073                 | 0.777             | <0.0097  | <0.0097 |
| B-1                                    | 4/22/15                                | 15.5                      | <0.0095               | <0.0085                         | <0.0099                     | <0.0066                           | <0.0068                           | <0.0095                           | <0.0072             | <0.0105                             | <0.0088                 | <0.0070             | <0.0095                             | <0.0095                | <0.0072                 | <0.0095           | <0.0095  | <0.0095 |
| B-2                                    | 4/22/15                                | 16                        | <0.0101               | <0.0090                         | <0.0104                     | <0.0070                           | <0.0072                           | <0.0101                           | <0.0077             | <0.0111                             | <0.0093                 | <0.0074             | 0.0107 J                            | <0.0101                | <0.0076                 | <0.0101           | 0.0137 J | <0.0101 |
| B-3                                    | 4/22/15                                | 16                        | <0.0096               | <0.0086                         | <0.010                      | <0.0067                           | <0.0069                           | <0.0096                           | <0.0073             | <0.0106                             | <0.0089                 | <0.0070             | <0.0096                             | <0.0096                | <0.0073                 | <0.0096           | 0.0119 J | <0.0096 |

Table 2  
Soil Analytical Results - PAHs  
BOI, LLC  
1196 State Street  
Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                 | Indicator Contaminants and Tier 1 SROs |                         |                    |                      |                    |                        |                        |                        |           |                          |              |          |                          |             |              |               |           |
|--|--|-------------------------|--------------------|----------------------|--------------------|------------------------|------------------------|------------------------|-----------|--------------------------|--------------|----------|--------------------------|-------------|--------------|---------------|-----------|
|  | Acenaphthene                           | Acenaphthylene          | Anthracene         | Benzo (a) anthracene | Benzo (a) pyrene   | Benzo (b) fluoranthene | Benzo (g,h,j) perylene | Benzo (k) fluoranthene | Chrysenes | Dibenzo (a,h) anthracene | Fluoranthene | Fluorene | Indeno (1,2,3-cd) pyrene | Naphthalene | Phenanthrene | Pyrene        |           |
|  | (mg/kg)                                | (mg/kg)                 | (mg/kg)            | (mg/kg)              | (mg/kg)            | (mg/kg)                | (mg/kg)                | (mg/kg)                | (mg/kg)   | (mg/kg)                  | (mg/kg)      | (mg/kg)  | (mg/kg)                  | (mg/kg)     | (mg/kg)      | (mg/kg)       |           |
| Soil Ingestion - Residential           | 4,700                                  | 2,300                   | 23,000             | 1.8 <sup>(a)</sup>   | 2.1 <sup>(b)</sup> | 2.1 <sup>(b)</sup>     | 2,300                  | 9                      | 88        | 0.42 <sup>(c)</sup>      | 3,100        | 3,100    | 1.6 <sup>(d)</sup>       | 1,600       | 2,300        | 2,300         |           |
| Soil Ingestion - Industrial/Commercial | 120,000                                | 61,000                  | 610,000            | 8                    | 2.1 <sup>(b)</sup> | 8                      | 61,000                 | 78                     | 780       | 0.8                      | 82,000       | 82,000   | 8                        | 41,000      | 61,000       | 61,000        |           |
| Soil Ingestion - Construction Worker   | 120,000                                | 61,000                  | 610,000            | 170                  | 17                 | 170                    | 61,000                 | 1,700                  | 17,000    | 17                       | 82,000       | 82,000   | 170                      | 4,100       | 61,000       | 61,000        |           |
| Inhalation - Residential               | --                                     | --                      | --                 | --                   | --                 | --                     | --                     | --                     | --        | --                       | --           | --       | --                       | 170         | --           | --            |           |
| Inhalation - Industrial/Commercial     | --                                     | --                      | --                 | --                   | --                 | --                     | --                     | --                     | --        | --                       | --           | --       | --                       | 270         | --           | --            |           |
| Inhalation - Construction Worker       | --                                     | --                      | --                 | --                   | --                 | --                     | --                     | --                     | --        | --                       | --           | --       | --                       | 1.8         | --           | --            |           |
| SCGIER - Class I Groundwater           | 570                                    | 85                      | 12,000             | 2                    | 8                  | 5                      | 27,000                 | 49                     | 160       | 2                        | 4,300        | 560      | 14                       | 12          | 210          | 4,200         |           |
| SCGIER - Class II Groundwater          | 2,900                                  | 420                     | 59,000             | 8                    | 82                 | 25                     | 130,000                | 250                    | 800       | 7.6                      | 21,000       | 2,800    | 69                       | 18          | 1,100        | 21,000        |           |
| Sample Location                        | Sample Date                            | Sample Depth (feet bis) | Analytical Results |                      |                    |                        |                        |                        |           |                          |              |          |                          |             |              |               |           |
| B-4                                    | 4/23/15                                | 16.5                    | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073   | <0.0107                  | <0.0089      | <0.0071  | <0.0096                  | <0.0096     | <0.0073      | <0.0096       | <0.0096   |
| B-5                                    | 4/23/15                                | 15                      | <0.0096            | <0.0086              | <0.0099            | <0.0067                | <0.0069                | <0.0096                | <0.0073   | <0.0106                  | <0.0089      | <0.0070  | <0.0096                  | <0.0096     | <0.0073      | <0.0096       | <0.0102 J |
| EX-3                                   | 4/23/15                                | 7-8                     | <0.0956            | <0.0855              | <0.0991            | <0.0663                | <0.0684                | <0.0956                | <0.0728   | <0.106                   | <0.0884      | <0.0701  | <0.0956                  | <0.0956     | <0.0726      | <b>3.890</b>  | <0.0956   |
| EX-4                                   | 4/23/15                                | 7-8                     | <0.0482            | <0.0431              | <0.0500            | <0.0334                | <0.0345                | <0.0482                | <0.0367   | <0.0533                  | <0.0446      | <0.0353  | <0.0482                  | <0.0482     | <0.0366      | <b>2.100</b>  | <0.0482   |
| B-6                                    | 4/24/15                                | 19                      | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073   | <0.0106                  | <0.0089      | <0.0070  | <0.0096                  | <0.0096     | <0.0073      | <0.0096       | <0.0096   |
| B-7                                    | 4/24/15                                | 19                      | <0.0094            | <0.0084              | <0.0098            | <0.0065                | <0.0067                | <0.0094                | <0.0072   | <0.0104                  | <0.0087      | <0.0069  | <0.0094                  | <0.0094     | <0.0072      | <0.0094       | <0.0094   |
| B-8                                    | 4/27/15                                | 16                      | <0.0099            | <0.0089              | <0.0103            | <0.0069                | <0.0071                | <0.0099                | <0.0076   | <0.0110                  | <0.0092      | <0.0073  | <0.0099                  | <0.0099     | <0.0076      | <0.0099       | <0.0099   |
| B-9                                    | 4/27/15                                | 15                      | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073   | <0.0107                  | <0.0089      | <0.0071  | <0.0096                  | <0.0096     | <0.0073      | <0.0096       | 0.0118 J  |
| B-10                                   | 4/28/15                                | 15.5                    | <0.0096            | <0.0086              | <0.0099            | <0.0066                | <0.0068                | <0.0096                | <0.0073   | <0.0106                  | <0.0088      | <0.0070  | <0.0096                  | <0.0096     | <0.0073      | <0.0096       | 0.0132 J  |
| B-11                                   | 4/28/15                                | 17                      | <0.0097            | <0.0086              | <0.0100            | 0.0110 J               | 0.0090 J               | 0.0110 J               | 0.0088 J  | 0.0107                   | 0.0191 J     | <0.0071  | 0.0252                   | <0.0097     | <0.0073      | 0.0308        | 0.0162 J  |
| B-12                                   | 4/29/15                                | 18                      | <0.0094            | <0.0084              | <0.0097            | <0.0065                | <0.0067                | <0.0094                | <0.0072   | <0.0104                  | <0.0087      | <0.0069  | <0.0094                  | <0.0094     | <0.0071      | <0.0094       | <0.0094   |
| EX-5                                   | 4/29/15                                | 4-5                     | <0.391             | <0.350               | <0.405             | <0.271                 | <0.279                 | <0.391                 | <0.298    | <0.432                   | <0.361       | <0.287   | <0.391                   | <0.391      | <0.297       | <b>9.120</b>  | <0.391    |
| EX-6                                   | 4/29/15                                | 4-5                     | <0.391             | <0.350               | <0.405             | <0.271                 | <0.280                 | <0.391                 | <0.298    | <0.433                   | <0.362       | <0.287   | <0.391                   | <0.391      | <0.297       | <b>10.900</b> | <0.391    |
| B-13                                   | 4/29/15                                | 15.5                    | <0.0097            | <0.0086              | <0.0100            | <0.0067                | <0.0069                | <0.0097                | <0.0074   | <0.0107                  | <0.0089      | <0.0071  | <0.0097                  | <0.0097     | <0.0073      | <0.0097       | 0.0129 J  |
| EX-7                                   | 4/30/15                                | 4-5                     | <0.103             | <0.0923              | <0.107             | <0.0715                | <0.0737                | <0.103                 | <0.0785   | <0.114                   | <0.0954      | <0.0756  | <0.103                   | <0.0103     | <0.0783      | <b>3.290</b>  | <0.103    |
| B-14                                   | 4/30/15                                | 15.5                    | <0.0097            | <0.0087              | <0.010             | <0.0067                | <0.0069                | <0.0097                | <0.0074   | <0.0107                  | <0.0090      | <0.0071  | <0.0097                  | <0.0097     | <0.0074      | <0.0097       | <0.0097   |
| EX-8                                   | 4/30/15                                | 4-5                     | <0.197             | <0.176               | <0.204             | <0.136                 | <0.141                 | <0.197                 | <0.150    | <0.218                   | <0.182       | <0.144   | <0.197                   | <0.197      | <0.149       | <b>3.750</b>  | <0.197    |
| B-15                                   | 5/1/15                                 | 15.5                    | <0.0193            | <0.0172              | <0.0200            | <0.0134                | <0.0138                | <0.0193                | <0.0147   | <0.0213                  | <0.0178      | <0.0141  | <0.0193                  | <0.0193     | <0.0146      | 0.0230 J      | <0.0193   |
| B-16                                   | 5/1/15                                 | 17.5                    | <0.0094            | <0.0084              | <0.0097            | <0.0065                | <0.0067                | <0.0094                | <0.0071   | <0.0104                  | <0.0087      | <0.0069  | <0.0094                  | <0.0094     | <0.0071      | <0.0094       | <0.0094   |
| B-17                                   | 5/1/15                                 | 15.5                    | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073   | <0.0106                  | <0.0089      | <0.0070  | <0.0096                  | <0.0096     | <0.0073      | <0.0096       | 0.0099 J  |
| EX-9                                   | 5/4/15                                 | 4-5                     | <0.0865            | <0.0774              | <0.0897            | <0.0600                | <0.0619                | 0.108 J                | <0.0659   | <0.0957                  | <0.0800      | <0.0635  | <0.0865                  | <0.0865     | <0.0657      | <b>1.970</b>  | <0.0865   |
| B-18                                   | 5/4/15                                 | 15.5                    | <0.0098            | <0.0087              | <0.0101            | <0.0068                | <0.0070                | <0.0098                | <0.0074   | <0.0108                  | <0.0090      | <0.0072  | <0.0098                  | <0.0098     | <0.0074      | <0.0098       | <0.0098   |



**Table 2**  
**Soil Analytical Results - PAHs**  
**BOI, LLC**  
**1196 State Street**  
**Lemont, Cook County, Illinois 60439**

| Tier 1 Exposure Routes                 | Indicator Contaminants and Tier 1 SROs |                         |                    |                      |                    |                        |                        |                        |          |                          |            |          |                          |             |              |          |          |
|--|--|-------------------------|--------------------|----------------------|--------------------|------------------------|------------------------|------------------------|----------|--------------------------|------------|----------|--------------------------|-------------|--------------|----------|----------|
|  | Acenaphthene                           | Acenaphthylene          | Anthracene         | Benzo (a) anthracene | Benzo (a) pyrene   | Benzo (b) fluoranthene | Benzo (g,h,i) perylene | Benzo (k) fluoranthene | Chrysene | Dibenzo (a,h) anthracene | Fluorenone | Fluorene | Indeno (1,2,3-cd) pyrene | Naphthalene | Phenanthrene | Pyrene   |          |
|  | (mg/kg)                                | (mg/kg)                 | (mg/kg)            | (mg/kg)              | (mg/kg)            | (mg/kg)                | (mg/kg)                | (mg/kg)                | (mg/kg)  | (mg/kg)                  | (mg/kg)    | (mg/kg)  | (mg/kg)                  | (mg/kg)     | (mg/kg)      | (mg/kg)  |          |
| Soil Ingestion - Residential           | 4,700                                  | 2,300                   | 23,000             | 1.8 <sup>(5)</sup>   | 2.1 <sup>(5)</sup> | 2.1 <sup>(5)</sup>     | 2,300                  | 9                      | 88       | 0.42 <sup>(5)</sup>      | 3,100      | 3,100    | 1.6 <sup>(5)</sup>       | 1,600       | 2,300        | 2,300    |          |
| Soil Ingestion - Industrial/Commercial | 120,000                                | 61,000                  | 610,000            | 8                    | 2.1 <sup>(5)</sup> | 8                      | 61,000                 | 78                     | 780      | 0.8                      | 82,000     | 82,000   | 8                        | 41,000      | 61,000       | 61,000   |          |
| Soil Ingestion - Construction Worker   | 120,000                                | 61,000                  | 610,000            | 170                  | 17                 | 170                    | 61,000                 | 1,700                  | 17,000   | 17                       | 82,000     | 82,000   | 170                      | 4,100       | 61,000       | 61,000   |          |
| Inhalation - Residential               | ---                                    | ---                     | ---                | ---                  | ---                | ---                    | ---                    | ---                    | ---      | ---                      | ---        | ---      | ---                      | 170         | ---          | ---      |          |
| Inhalation - Industrial/Commercial     | ---                                    | ---                     | ---                | ---                  | ---                | ---                    | ---                    | ---                    | ---      | ---                      | ---        | ---      | ---                      | 270         | ---          | ---      |          |
| Inhalation - Construction Worker       | ---                                    | ---                     | ---                | ---                  | ---                | ---                    | ---                    | ---                    | ---      | ---                      | ---        | ---      | ---                      | 1.8         | ---          | ---      |          |
| SCGIER - Class I Groundwater           | 570                                    | 85                      | 12,000             | 2                    | 8                  | 5                      | 27,000                 | 49                     | 160      | 2                        | 4,300      | 560      | 14                       | 12          | 210          | 4,200    |          |
| SCGIER - Class II Groundwater          | 2,900                                  | 420                     | 59,000             | 8                    | 82                 | 25                     | 130,000                | 250                    | 800      | 7.6                      | 21,000     | 2,800    | 69                       | 18          | 1,100        | 21,000   |          |
| Sample Location                        | Sample Date                            | Sample Depth (feet bls) | Analytical Results |                      |                    |                        |                        |                        |          |                          |            |          |                          |             |              |          |          |
| B-19                                   | 5/4/15                                 | 15.5                    | <0.0097            | <0.0087              | <0.0101            | <0.0067                | <0.0069                | <0.0097                | <0.0074  | <0.0108                  | <0.0090    | <0.0071  | <0.0097                  | <0.0097     | <0.0074      | <0.0097  | <0.0097  |
| B-20                                   | 5/4/15                                 | 14                      | <0.0096            | <0.0086              | <0.0099            | <0.0066                | <0.0068                | <0.0096                | <0.0073  | <0.0106                  | <0.0089    | <0.0070  | <0.0096                  | <0.0096     | <0.0073      | <0.0096  | <0.0096  |
| EX-10                                  | 5/6/15                                 | 8-9                     | <0.0095            | <0.0085              | <0.0099            | <0.0066                | <0.0068                | 0.0169 J               | <0.0073  | <0.0106                  | <0.0088    | <0.0070  | 0.0104 J                 | <0.0095     | <0.0073      | <0.0753  | <0.0095  |
| B-21                                   | 5/6/15                                 | 15.5                    | <0.0100            | <0.0090              | <0.0104            | <0.0069                | <0.0072                | 0.0130 J               | <0.0076  | <0.00111                 | <0.0093    | <0.0073  | <0.0100                  | <0.0100     | <0.0076      | <0.00100 | <0.00100 |
| B-22                                   | 5/7/15                                 | 15.5                    | <0.0098            | <0.0088              | <0.0102            | <0.068                 | <0.0070                | <0.0128 J              | 0.0075   | <0.0109                  | <0.0091    | <0.0072  | <0.0098                  | <0.0098     | <0.0075      | <0.0098  | <0.0098  |
| B-23                                   | 5/7/15                                 | 15.5                    | <0.0099            | <0.0088              | <0.0102            | <0.068                 | <0.0071                | 0.0128 J               | <0.0075  | <0.0109                  | <0.0091    | <0.0072  | <0.0099                  | <0.0099     | <0.0075      | <0.0099  | <0.0099  |
| B-24                                   | 5/8/15                                 | 9                       | <0.0094            | <0.0084              | <0.0097            | <0.0065                | <0.0067                | <0.0094                | <0.0072  | <0.0104                  | <0.0087    | <0.0069  | <0.0094                  | <0.0094     | <0.0071      | <0.0094  | <0.0094  |
| B-25                                   | 5/8/15                                 | 15.5                    | <0.0096            | <0.0086              | <0.0100            | <0.0067                | <0.0069                | <0.0096                | <0.0073  | <0.0107                  | <0.0089    | <0.0071  | <0.0096                  | <0.0096     | <0.0073      | <0.0096  | 0.0165 J |
| B-26                                   | 5/8/15                                 | 15                      | <0.0097            | <0.0087              | <0.0101            | <0.0067                | <0.0070                | <0.0097                | <0.0074  | <0.0108                  | <0.0090    | <0.0071  | <0.0097                  | <0.0097     | <0.0074      | <0.0097  | 0.0097 J |
| EX-11                                  | 5/8/15                                 | 3-4                     | <0.0107            | <0.0096              | <0.0111            | 0.0094 J               | 0.0115 J               | 0.0141 J               | 0.0100 J | <0.0118                  | 0.0178 J   | <0.0078  | 0.0246                   | <0.0107     | 0.0084 J     | <0.0107  | 0.0193 J |
| EX-12                                  | 5/8/15                                 | 3-4                     | <0.0107            | <0.0096              | <0.0111            | <0.0074                | <0.0076                | <0.0107                | <0.0081  | <0.0118                  | <0.0099    | <0.0078  | <0.0107                  | <0.0107     | <0.0081      | <0.0107  | <0.0107  |
| EX-13                                  | 5/13/15                                | 4-5                     | <0.0103            | <0.0092              | <0.0107            | <0.0072                | <0.0074                | <0.0103                | <0.0079  | <0.0114                  | <0.0095    | <0.0076  | <0.0103                  | <0.0103     | <0.0078      | <0.0103  | <0.0103  |
| B-27                                   | 5/13/15                                | 14                      | <0.0097            | <0.0087              | <0.0101            | <0.0067                | <0.0070                | <0.0097                | <0.0074  | <0.0108                  | <0.0090    | <0.0071  | <0.0097                  | <0.0097     | <0.0074      | <0.0097  | 0.0097   |
| B-29                                   | 5/13/15                                | 9                       | <0.0098            | <0.0087              | <0.0101            | <0.0068                | <0.0070                | <0.0098                | <0.0074  | <0.0108                  | <0.0090    | <0.0072  | <0.0098                  | <0.0098     | <0.0074      | <0.0098  | <0.0098  |
| EX-14                                  | 5/14/15                                | 4-5                     | <0.0106            | <0.0095              | <0.0110            | 0.0101 J               | 0.0157 J               | 0.0175 J               | 0.0168 J | 0.0159 J                 | 0.0201 J   | <0.0078  | 0.0384                   | <0.0106     | 0.0137 J     | <0.0106  | 0.0183 J |
| B-28                                   | 5/14/15                                | 13                      | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073  | <0.0106                  | <0.0089    | <0.0071  | <0.0096                  | <0.0096     | <0.0073      | <0.0096  | <0.0096  |
| B-30                                   | 5/14/15                                | 11                      | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073  | <0.0106                  | <0.0089    | <0.0071  | <0.0096                  | <0.0096     | <0.0073      | <0.0096  | <0.0096  |
| B-31                                   | 5/14/15                                | 11                      | <0.0096            | <0.0086              | <0.010             | <0.0067                | <0.0069                | <0.0096                | <0.0073  | <0.0106                  | <0.0089    | <0.0071  | 0.0135 J                 | <0.0096     | <0.0073      | <0.0096  | <0.0096  |
| EX-15                                  | 5/15/15                                | 8-9                     | <0.0097            | <0.0087              | <0.0101            | <0.0067                | <0.0069                | <0.0097                | <0.0074  | <0.0107                  | <0.0090    | <0.007   | <0.0097                  | <0.0097     | <0.0074      | <0.0097  | <0.0097  |
| B-32                                   | 5/15/15                                | 11                      | <0.0097            | <0.0086              | <0.0100            | <0.0067                | <0.0069                | <0.0097                | <0.0074  | <0.0107                  | <0.0089    | <0.0071  | <0.0097                  | <0.0097     | <0.0073      | <0.0097  | <0.0097  |
| B-33                                   | 5/15/15                                | 11                      | <0.0097            | <0.0086              | <0.0100            | <0.0067                | <0.0069                | <0.0097                | <0.0074  | <0.0107                  | <0.0089    | <0.0071  | <0.0097                  | <0.0097     | <0.0073      | <0.0097  | <0.0097  |
| B-34                                   | 5/15/15                                | 11                      | <0.0099            | <0.0088              | <0.0102            | <0.0068                | <0.0071                | <0.0099                | <0.0075  | <0.0109                  | <0.0091    | <0.0072  | <0.0099                  | <0.0099     | <0.0075      | <0.0099  | <0.0099  |

**Table 2**  
**Soil Analytical Results - PAHs**  
**BOI, LLC**  
**1196 State Street**  
**Lemont, Cook County, Illinois 60439**

| Tier 1 Exposure Routes                 |             |                         | Indicator Contaminants and Tier 1 SROs |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |
|--|-------------|-------------------------|--|---------------------------|-----------------------|---------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|-------------------------------------|-------------------------|---------------------|-------------------------------------|------------------------|-------------------------|-------------------|
|  |             |                         | Acenaphthene<br>(mg/kg)                | Acenaphthylene<br>(mg/kg) | Anthracene<br>(mg/kg) | Benzo (a) anthracene<br>(mg/kg) | Benzo (a) pyrene<br>(mg/kg) | Benzo (b) fluoranthene<br>(mg/kg) | Benzo (g,h,i) perylene<br>(mg/kg) | Benzo (k) fluoranthene<br>(mg/kg) | Chrysene<br>(mg/kg) | Dibenzo (a,h) anthracene<br>(mg/kg) | Fluoranthene<br>(mg/kg) | Fluorene<br>(mg/kg) | Indeno (1,2,3-cd) pyrene<br>(mg/kg) | Naphthalene<br>(mg/kg) | Phenanthrene<br>(mg/kg) | Pyrene<br>(mg/kg) |
| Soil Ingestion - Residential           |             |                         | 4,700                                  | 2,300                     | 23,000                | 1.8 <sup>(b)</sup>              | 2.1 <sup>(b)</sup>          | 2.1 <sup>(b)</sup>                | 2,300                             | 9                                 | 88                  | 0.42 <sup>(b)</sup>                 | 3,100                   | 3,100               | 1.6 <sup>(b)</sup>                  | 1,600                  | 2,300                   | 2,300             |
| Soil Ingestion - Industrial/Commercial |             |                         | 120,000                                | 61,000                    | 610,000               | 8                               | 2.1 <sup>(b)</sup>          | 8                                 | 61,000                            | 78                                | 780                 | 0.8                                 | 82,000                  | 82,000              | 8                                   | 41,000                 | 61,000                  | 61,000            |
| Soil Ingestion - Construction Worker   |             |                         | 120,000                                | 61,000                    | 610,000               | 170                             | 17                          | 170                               | 61,000                            | 1,700                             | 17,000              | 17                                  | 82,000                  | 82,000              | 170                                 | 4,100                  | 61,000                  | 61,000            |
| Inhalation - Residential               |             |                         | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 170                    | ---                     | ---               |
| Inhalation - Industrial/Commercial     |             |                         | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 270                    | ---                     | ---               |
| Inhalation - Construction Worker       |             |                         | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 1.8                    | ---                     | ---               |
| SCGIER - Class I Groundwater           |             |                         | 570                                    | 85                        | 12,000                | 2                               | 8                           | 5                                 | 27,000                            | 49                                | 160                 | 2                                   | 4,300                   | 560                 | 14                                  | 12                     | 210                     | 4,200             |
| SCGIER - Class II Groundwater          |             |                         | 2,900                                  | 420                       | 59,000                | 8                               | 82                          | 25                                | 130,000                           | 250                               | 800                 | 7.6                                 | 21,000                  | 2,800               | 69                                  | 18                     | 1,100                   | 21,000            |
| Sample Location                        | Sample Date | Sample Depth (feet bls) | Analytical Results                     |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |
| Overburden 1                           | 5/15/15     |                         | <0.0203                                | <0.0182                   | <0.0211               | 0.0410                          | 0.0476                      | 0.0432                            | 0.0410                            | 0.0470                            | 0.0505              | <0.0149                             | 0.0948                  | <0.0203             | 0.0360 J                            | 0.691                  | 0.0417                  | 0.0748            |
| B-35                                   | 5/18/15     | 12                      | <0.0097                                | <0.0087                   | <0.0100               | <0.0067                         | <0.0069                     | <0.0097                           | <0.0074                           | <0.0107                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | <0.0097           |
| EX-16                                  | 5/18/15     | 9-10                    | <0.010                                 | <0.0089                   | <0.0103               | <0.0069                         | <0.0071                     | <0.010                            | <0.0076                           | <0.0110                           | <0.0092             | <0.0073                             | <0.010                  | <0.010              | <0.0076                             | <0.010                 | <0.010                  | <0.010            |
| EX-17                                  | 5/18/15     | 9-10                    | <0.0097                                | <0.0087                   | <0.0100               | <0.0067                         | <0.0069                     | <0.0097                           | <0.0074                           | <0.0107                           | <0.0089             | <0.0071                             | <0.0097                 | <0.0097             | <0.0073                             | <0.0097                | <0.0097                 | <0.0097           |
| B-36                                   | 5/18/15     | 12                      | <0.0097                                | <0.0087                   | <0.0100               | <0.0067                         | <0.0070                     | <0.0097                           | <0.0074                           | <0.0108                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | 0.0729                 | <0.0097                 | <0.0097           |
| Overburden-2                           | 5/18/15     |                         | <0.0098                                | <0.0088                   | 0.0113 J              | 0.0478                          | 0.0659                      | 0.0726                            | 0.0609                            | 0.0690                            | 0.0759              | 0.0154 J                            | 0.135                   | <0.0098             | 0.0495                              | 0.0208                 | 0.0582                  | 0.110             |
| B-37                                   | 5/19/15     | 14                      | <0.0097                                | <0.0087                   | <0.0101               | <0.0067                         | <0.0069                     | <0.0097                           | <0.0074                           | <0.0107                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | <0.0097           |
| B-38                                   | 5/19/15     | 14                      | <0.0097                                | <0.0087                   | <0.0101               | <0.0067                         | <0.0069                     | <0.0097                           | <0.0074                           | <0.0108                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | <0.0097           |
| B-39                                   | 5/19/15     | 12                      | <0.0093                                | <0.0083                   | <0.0097               | <0.0065                         | <0.0067                     | <0.0093                           | <0.0071                           | <0.0103                           | <0.0086             | <0.0068                             | <0.0093                 | <0.0093             | <0.0071                             | <0.0093                | <0.0093                 | <0.0093           |
| EX-18                                  | 5/19/15     | 3-4                     | <0.0109                                | <0.0097                   | <0.0113               | 0.0250                          | 0.0282                      | 0.0300                            | 0.0226                            | 0.0274                            | 0.0345              | <0.0080                             | 0.0825                  | <0.0109             | 0.0200 J                            | <0.0109                | 0.0379                  | 0.0564            |
| EX-19                                  | 5/19/15     | 3-4                     | <0.0104                                | <0.0093                   | <0.0108               | <0.0072                         | <0.0074                     | <0.0104                           | <0.0079                           | <0.0115                           | <0.0096             | <0.0076                             | <0.0104                 | <0.0104             | <0.0079                             | <0.0104                | <0.0104                 | <0.0104           |
| B-40                                   | 5/22/15     | 13                      | <0.0096                                | <0.0086                   | <0.010                | <0.0067                         | <0.0069                     | <0.0096                           | <0.0073                           | <0.0107                           | <0.0089             | <0.0071                             | <0.0096                 | <0.0096             | <0.0073                             | <0.0096                | <0.0096                 | <0.0096           |
| B-41                                   | 5/27/15     | 15                      | <0.0095                                | <0.0085                   | <0.0099               | <0.0066                         | <0.0068                     | <0.0095                           | <0.0072                           | <0.0105                           | <0.0088             | <0.0070                             | <0.0095                 | <0.0095             | <0.0072                             | <0.0095                | 0.0118 J                | <0.0095           |
| EX-20                                  | 5/27/15     | 3-4                     | <0.0015                                | <0.0103                   | 0.0433                | 0.296                           | 0.365                       | 0.471                             | 0.295                             | 0.339                             | 0.429               | 0.0951                              | 0.567                   | <0.0115             | 0.257                               | 0.0398                 | 0.126                   | 0.494             |
| EX-21                                  | 5/27/15     | 3-4                     | <0.0700                                | <0.0626                   | <0.0726               | <0.0485                         | <0.0500                     | <0.0700                           | <0.0533                           | <0.0774                           | <0.0647             | <0.0513                             | <0.0700                 | <0.0700             | <0.0532                             | 1.210                  | <0.0700                 | <0.0700           |
| EX-22                                  | 5/27/15     | 4-5                     | <0.0112                                | <0.0100                   | <0.0116               | <0.0078                         | <0.0080                     | <0.0112                           | <0.0085                           | <0.0124                           | <0.0104             | <0.0082                             | <0.0112                 | <0.0112             | <0.0085                             | 0.367                  | <0.0112                 | <0.0112           |
| B-42                                   | 5/27/15     | 12.5                    | <0.0098                                | <0.0088                   | <0.0102               | <0.0068                         | <0.0070                     | <0.0098                           | <0.0075                           | <0.0108                           | <0.0091             | <0.0072                             | <0.0098                 | <0.0098             | <0.0074                             | 0.0322                 | <0.0098                 | <0.0098           |
| B-43                                   | 5/27/15     | 12.5                    | <0.0097                                | <0.0087                   | <0.0101               | <0.0067                         | <0.0069                     | <0.0097                           | <0.0074                           | <0.0107                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | <0.0097           |
| B-44                                   | 5/27/15     | 15                      | <0.0097                                | <0.0087                   | <0.0100               | 0.0083 J                        | 0.0113 J                    | 0.0130 J                          | 0.0086 J                          | <0.0107                           | 0.0136 J            | <0.0071                             | 0.0124 J                | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | 0.0116 J          |
| B-45                                   | 5/28/15     | 12.5                    | <0.0097                                | <0.0087                   | <0.0101               | <0.0067                         | <0.0070                     | <0.0097                           | <0.0074                           | <0.0108                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | <0.0097           |
| EX-23                                  | 5/28/15     | 8.5-9.5                 | <0.0097                                | <0.0087                   | <0.0101               | <0.0067                         | <0.0069                     | <0.0097                           | <0.0074                           | <0.0107                           | <0.0090             | <0.0071                             | <0.0097                 | <0.0097             | <0.0074                             | <0.0097                | <0.0097                 | <0.0097           |
| EX-24                                  | 5/28/15     | 3-4                     | <0.0106                                | <0.0095                   | <0.0110               | 0.0286                          | 0.0374                      | 0.0401                            | 0.0361                            | 0.0394                            | 0.0432              | 0.0100 J                            | 0.0795                  | <0.0106             | 0.0307                              | 0.0506                 | 0.0190 J                | 0.0721            |

**Table 2**  
**Soil Analytical Results - PAHs**  
**BOI, LLC**  
**1196 State Street**  
**Lemont, Cook County, Illinois 60439**

| Tier 1 Exposure Routes                 | Indicator Contaminants and Tier 1 SROs |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |          |
|--|--|---------------------------|-----------------------|---------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|-------------------------------------|-------------------------|---------------------|-------------------------------------|------------------------|-------------------------|-------------------|----------|
|  | Acenaphthene<br>(mg/kg)                | Acenaphthylene<br>(mg/kg) | Anthracene<br>(mg/kg) | Benzo (a) anthracene<br>(mg/kg) | Benzo (a) pyrene<br>(mg/kg) | Benzo (b) fluoranthene<br>(mg/kg) | Benzo (g,h,i) perylene<br>(mg/kg) | Benzo (k) fluoranthene<br>(mg/kg) | Chrysene<br>(mg/kg) | Dibenzo (a,h) anthracene<br>(mg/kg) | Fluoranthene<br>(mg/kg) | Fluorene<br>(mg/kg) | Indeno (1,2,3-cd) pyrene<br>(mg/kg) | Naphthalene<br>(mg/kg) | Phenanthrene<br>(mg/kg) | Pyrene<br>(mg/kg) |          |
| Soil Ingestion - Residential           | 4,700                                  | 2,300                     | 23,000                | 1.8 <sup>(5)</sup>              | 2.1 <sup>(5)</sup>          | 2.1 <sup>(5)</sup>                | 2,300                             | 9                                 | 88                  | 0.42 <sup>(5)</sup>                 | 3,100                   | 3,100               | 1.6 <sup>(5)</sup>                  | 1,600                  | 2,300                   | 2,300             |          |
| Soil Ingestion - Industrial/Commercial | 120,000                                | 61,000                    | 610,000               | 8                               | 2.1 <sup>(5)</sup>          | 8                                 | 61,000                            | 78                                | 780                 | 0.8                                 | 82,000                  | 82,000              | 8                                   | 41,000                 | 61,000                  | 61,000            |          |
| Soil Ingestion - Construction Worker   | 120,000                                | 61,000                    | 610,000               | 170                             | 17                          | 170                               | 61,000                            | 1,700                             | 17,000              | 17                                  | 82,000                  | 82,000              | 170                                 | 4,100                  | 61,000                  | 61,000            |          |
| Inhalation - Residential               | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 170                    | ---                     | ---               |          |
| Inhalation - Industrial/Commercial     | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 270                    | ---                     | ---               |          |
| Inhalation - Construction Worker       | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 1.8                    | ---                     | ---               |          |
| SCGIER - Class I Groundwater           | 570                                    | 85                        | 12,000                | 2                               | 8                           | 5                                 | 27,000                            | 49                                | 160                 | 2                                   | 4,300                   | 560                 | 14                                  | 12                     | 210                     | 4,200             |          |
| SCGIER - Class II Groundwater          | 2,900                                  | 420                       | 59,000                | 8                               | 82                          | 25                                | 130,000                           | 250                               | 800                 | 7.6                                 | 21,000                  | 2,800               | 69                                  | 18                     | 1,100                   | 21,000            |          |
| Sample Location                        | Sample Date                            | Sample Depth (feet bis)   | Analytical Results    |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |          |
| B-46                                   | 6/5/15                                 | 14.5                      | <0.0096               | <0.0086                         | <0.0100                     | <0.0067                           | <0.0069                           | <0.0096                           | <0.0073             | <0.0107                             | <0.0089                 | <0.0071             | <0.0096                             | <0.0096                | <0.0073                 | <0.0096           | <0.0096  |
| EX-25                                  | 6/5/15                                 | 10-11                     | <0.0096               | <0.0086                         | <0.0099                     | <0.0068                           | <0.0068                           | <0.0096                           | <0.0073             | <0.0106                             | <0.0088                 | <0.0070             | <0.0096                             | <0.0096                | <0.0073                 | <0.0096           | <0.0096  |
| EX-26                                  | 6/5/15                                 | 3.5-5                     | <0.0098               | <0.0088                         | <0.0101                     | <0.0068                           | <0.0070                           | <0.0098                           | <0.0075             | <0.0108                             | <0.0090                 | <0.0072             | <0.0098                             | <0.0098                | <0.0074                 | <0.0098           | <0.0098  |
| EX-27                                  | 6/5/15                                 | 8.5-9.5                   | <0.0096               | <0.0086                         | <0.0100                     | <0.0067                           | <0.0069                           | <0.0096                           | <0.0073             | <0.0107                             | <0.0089                 | <0.0071             | <0.0096                             | <0.0096                | <0.0073                 | <0.0096           | <0.0096  |
| EX-28                                  | 6/8/15                                 | 3-4                       | <0.0099               | <0.0088                         | <0.0102                     | <0.0068                           | <0.0070                           | <0.0099                           | <0.0075             | <0.0109                             | <0.0091                 | <0.0072             | <0.0099                             | <0.0099                | <0.0075                 | <0.0099           | <0.0099  |
| EX-28                                  | 6/8/15                                 | 8-9                       | <0.0096               | <0.0086                         | <0.0100                     | <0.0067                           | <0.0069                           | <0.0096                           | <0.0073             | <0.0107                             | <0.0089                 | <0.0071             | <0.0096                             | <0.0096                | <0.0073                 | <0.0096           | <0.0096  |
| BH-21                                  | 6/17/15                                | 10-12.5                   | <0.0768               | <0.0687                         | <0.0797                     | <0.0533                           | <0.0549                           | <0.0768                           | <0.0585             | <0.0850                             | <0.0710                 | <0.0564             | <0.0768                             | <0.0768                | <0.0584                 | 1.440             | <0.0768  |
| BH-22                                  | 9/8/15                                 | 7.5-10                    | <0.0098               | <0.0088                         | <0.0101                     | <0.0068                           | <0.0070                           | <0.0098                           | <0.0075             | <0.0108                             | <0.0091                 | <0.0072             | <0.0098                             | <0.0098                | <0.0074                 | 0.0674            | <0.0098  |
| BH-22                                  | 9/8/15                                 | 25.5-27                   | <0.0095               | <0.0085                         | <0.0098                     | <0.0066                           | <0.0066                           | <0.0095                           | <0.0072             | <0.0105                             | <0.0088                 | <0.0070             | <0.0095                             | <0.0095                | <0.0072                 | <0.0095           | <0.0095  |
| BH-23                                  | 9/8/15                                 | 25-26.5                   | <0.0099               | <0.0089                         | <0.0103                     | <0.0069                           | <0.0071                           | <0.0099                           | <0.0075             | <0.0109                             | <0.0091                 | <0.0073             | <0.0099                             | <0.0099                | <0.0075                 | 0.0156 J          | <0.0099  |
| BH-23                                  | 9/8/15                                 | 28.5-30                   | <0.0097               | <0.0086                         | <0.0100                     | <0.0067                           | <0.0069                           | <0.0097                           | <0.0074             | <0.0107                             | <0.0089                 | <0.0071             | <0.0097                             | <0.0097                | <0.0073                 | <0.0097           | <0.0097  |
| BH-24                                  | 9/8/15                                 | 4-6                       | <0.0101               | <0.0090                         | <0.0104                     | <0.0070                           | <0.0072                           | <0.0101                           | <0.0077             | <0.0112                             | <0.0093                 | <0.0074             | <0.0101                             | <0.0101                | <0.0077                 | 0.153             | <0.0101  |
| BH-24                                  | 9/8/15                                 | 13.5-15                   | <0.0101               | <0.0090                         | <0.0105                     | <0.0070                           | <0.0072                           | <0.0101                           | <0.0077             | <0.0112                             | <0.0093                 | <0.0074             | <0.0101                             | <0.0101                | <0.0077                 | <0.0101           | <0.0101  |
| BH-22A                                 | 9/14/16                                | 2.5-5                     | <0.0046               | <0.0039                         | <0.0068                     | <0.0037                           | <0.0030                           | <0.0033                           | <0.0024             | <0.0030                             | <0.0040                 | <0.0026             | <0.0062                             | <0.0049                | <0.0026                 | <0.010            | <0.0138  |
| BH-22A                                 | 9/14/16                                | 10-12.5                   | <0.0045               | <0.0038                         | <0.0066                     | 0.0048 J                          | 0.0052 J                          | 0.0076 J                          | 0.0041 J            | 0.0064 J                            | 0.0132                  | <0.0026             | 0.0152 J                            | <0.0048                | 0.0034 J                | <0.0097           | 0.0172 J |
| BH-22A                                 | 9/14/16                                | 15-17.5                   | <0.0046               | <0.0039                         | <0.0068                     | <0.0038                           | <0.0030                           | 0.0034 J                          | 0.0041 J            | <0.0030                             | 0.0084 J                | <0.0027             | <0.0062                             | <0.0050                | <0.0026                 | 0.0937            | 0.0146 J |
| BH-22A                                 | 9/14/16                                | 20-23                     | <0.0046               | <0.0039                         | <0.0068                     | <0.0037                           | 0.0034 J                          | 0.0058 J                          | 0.0039 J            | <0.0030                             | 0.0131 J                | <0.0026             | 0.0076 J                            | <0.0049                | <0.0026                 | 0.165             | <0.0138  |
| BH-23A                                 | 9/14/16                                | 2.5-5                     | <0.0055               | <0.0047                         | <0.0081                     | <0.0045                           | <0.0035                           | <0.0040                           | <0.0029             | <0.0035                             | <0.0048                 | <0.0032             | <0.0074                             | <0.0058                | <0.0031                 | <0.0119           | <0.0165  |
| BH-23A                                 | 9/14/16                                | 5-7.5                     | <0.0048               | <0.0041                         | <0.0071                     | <0.0039                           | <0.0031                           | <0.0035                           | <0.0025             | <0.0031                             | <0.0042                 | <0.0028             | <0.0064                             | <0.0051                | <0.0027                 | <0.0104           | <0.0144  |
| BH-23A                                 | 9/14/16                                | 10-12.5                   | <0.0045               | <0.0038                         | <0.0066                     | <0.0037                           | <0.0029                           | <0.0033                           | <0.0024             | <0.0029                             | 0.0070 J                | <0.0026             | <0.0060                             | <0.0048                | <0.0025                 | <0.0098           | <0.0135  |
| BH-23A                                 | 9/14/16                                | 15-17.5                   | <0.0046               | <0.0039                         | <0.0067                     | <0.0037                           | <0.0029                           | <0.0033                           | <0.0024             | <0.0029                             | 0.0050 J                | <0.0026             | 0.0075 J                            | <0.0049                | <0.0026                 | <0.0099           | <0.0137  |
| BH-23A                                 | 9/14/16                                | 21.5-22.5                 | <0.0046               | <0.0039                         | <0.0068                     | <0.0038                           | <0.0030                           | <0.0034                           | <0.0024             | <0.0030                             | <0.0040                 | <0.0027             | <0.0062                             | <0.0049                | <0.0026                 | <0.0100           | <0.0138  |

Table 2  
Soil Analytical Results - PAHs

BOI, LLC  
1196 State Street  
Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                 |             |                         | Indicator Contaminants and Tier 1 SROs |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |
|--|-------------|-------------------------|--|---------------------------|-----------------------|---------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|-------------------------------------|-------------------------|---------------------|-------------------------------------|------------------------|-------------------------|-------------------|
|  |             |                         | Acenaphthene<br>(mg/kg)                | Acenaphthylene<br>(mg/kg) | Anthracene<br>(mg/kg) | Benzo (a) anthracene<br>(mg/kg) | Benzo (a) pyrene<br>(mg/kg) | Benzo (b) fluoranthene<br>(mg/kg) | Benzo (g,h,i) perylene<br>(mg/kg) | Benzo (k) fluoranthene<br>(mg/kg) | Chrysene<br>(mg/kg) | Dibenzo (a,h) anthracene<br>(mg/kg) | Fluoranthene<br>(mg/kg) | Fluorene<br>(mg/kg) | Indeno (1,2,3-cd) pyrene<br>(mg/kg) | Naphthalene<br>(mg/kg) | Phenanthrene<br>(mg/kg) | Pyrene<br>(mg/kg) |
| Soil Ingestion - Residential           |             |                         | 4,700                                  | 2,300                     | 23,000                | 1.8 <sup>b)</sup>               | 2.1 <sup>a)</sup>           | 2.1 <sup>b)</sup>                 | 2,300                             | 9                                 | 88                  | 0.42 <sup>b)</sup>                  | 3,100                   | 3,100               | 1.6 <sup>b)</sup>                   | 1,600                  | 2,300                   | 2,300             |
| Soil Ingestion - Industrial/Commercial |             |                         | 120,000                                | 61,000                    | 610,000               | 8                               | 2.1 <sup>b)</sup>           | 8                                 | 61,000                            | 78                                | 780                 | 0.8                                 | 82,000                  | 82,000              | 8                                   | 41,000                 | 61,000                  | 61,000            |
| Soil Ingestion - Construction Worker   |             |                         | 120,000                                | 61,000                    | 610,000               | 170                             | 17                          | 170                               | 61,000                            | 1,700                             | 17,000              | 17                                  | 82,000                  | 82,000              | 170                                 | 4,100                  | 61,000                  | 61,000            |
| Inhalation - Residential               |             |                         | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 170                    | ---                     | ---               |
| Inhalation - Industrial/Commercial     |             |                         | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 270                    | ---                     | ---               |
| Inhalation - Construction Worker       |             |                         | ---                                    | ---                       | ---                   | ---                             | ---                         | ---                               | ---                               | ---                               | ---                 | ---                                 | ---                     | ---                 | ---                                 | 1.8                    | ---                     | ---               |
| SCGIER - Class I Groundwater           |             |                         | 570                                    | 85                        | 12,000                | 2                               | 8                           | 5                                 | 27,000                            | 49                                | 160                 | 2                                   | 4,300                   | 560                 | 14                                  | 12                     | 210                     | 4,200             |
| SCGIER - Class II Groundwater          |             |                         | 2,900                                  | 420                       | 59,000                | 8                               | 82                          | 25                                | 130,000                           | 250                               | 800                 | 7.6                                 | 21,000                  | 2,800               | 69                                  | 18                     | 1,100                   | 21,000            |
| Sample Location                        | Sample Date | Sample Depth (feet bis) | Analytical Results                     |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |
| BH-23A                                 | 9/14/16     | 31-32.5                 | <0.0045                                | <0.0038                   | <0.0067               | <0.0037                         | <0.0029                     | <0.0033                           | <0.0024                           | <0.0029                           | <0.0039             | <0.0026                             | <0.0061                 | <0.0048             | <0.0026                             | <0.0098                | <0.0136                 | <0.0053           |
| BH-23A                                 | 9/14/16     | 32.5-35                 | <0.0050                                | <0.0042                   | <0.0073               | 0.0068 J                        | 0.0115                      | 0.0221                            | 0.0157                            | 0.0149                            | 0.0201              | 0.0035 J                            | 0.0187 J                | <0.0053             | 0.0116                              | <0.0108                | <0.0149                 | 0.0134 J          |
| BH-26                                  | 9/14/16     | 1-2.5                   | <0.0048                                | 0.0310                    | 0.0281                | 0.0771                          | 0.0974                      | 0.0896                            | 0.0565                            | 0.109                             | 0.0974              | 0.0217                              | 0.125                   | <0.0051             | 0.0544                              | <0.0104                | 0.0349 J                | 0.109             |
| BH-26                                  | 9/14/16     | 7.5-10                  | <0.0045                                | <0.0038                   | <0.0066               | <0.0037                         | <0.0029                     | <0.0033                           | <0.0024                           | <0.0029                           | 0.0040 J            | <0.0026                             | <0.0060                 | <0.0048             | <0.0025                             | <0.0098                | <0.0135                 | <0.0052           |
| BH-26                                  | 9/14/16     | 10-12.5                 | <0.0047                                | <0.0040                   | <0.0069               | <0.0038                         | <0.0030                     | <0.0034                           | <0.0025                           | <0.0030                           | 0.0047 J            | <0.0027                             | <0.0063                 | <0.0050             | <0.0027                             | <0.0102                | <0.0141                 | <0.0055           |
| BH-26                                  | 9/14/16     | 17.5-20                 | <0.0045                                | <0.0038                   | <0.0066               | <0.0037                         | <0.0029                     | <0.0033                           | 0.0038 J                          | <0.0029                           | 0.0049 J            | <0.0026                             | <0.0060                 | <0.0048             | <0.0025                             | <0.0097                | 0.0141 J                | <0.0052           |
| BH-26                                  | 9/14/16     | 20-22.5                 | <0.0045                                | <0.0038                   | <0.0066               | <0.0036                         | <0.0029                     | <0.0032                           | 0.0027 J                          | <0.0029                           | <0.0039             | <0.0026                             | <0.0060                 | <0.0048             | <0.0025                             | <0.0097                | <0.0134                 | <0.0052           |
| BH-26                                  | 9/14/16     | 27.5-29.25              | <0.0046                                | <0.0039                   | <0.0068               | <0.0038                         | <0.0030                     | <0.0034                           | 0.0035 J                          | <0.0030                           | <0.0040             | <0.0027                             | <0.0062                 | <0.0049             | <0.0026                             | <0.0100                | <0.0138                 | <0.0054           |
| BH-27                                  | 9/14/16     | 2.5-5                   | <0.0049                                | <0.0042                   | <0.0073               | <0.0040                         | <0.0032                     | <0.0036                           | <0.0026                           | <0.0032                           | <0.0043             | <0.0028                             | <0.0066                 | <0.0053             | <0.0028                             | <0.0107                | <0.0148                 | <0.0057           |
| BH-27                                  | 9/14/16     | 7.5-10                  | <0.0045                                | 0.0051 J                  | 0.0130 J              | 0.0238                          | 0.0269                      | 0.0272                            | 0.0184                            | 0.0256                            | 0.0329              | 0.0064 J                            | 0.0462                  | <0.0048             | 0.0168                              | 0.0166 J               | 0.0371 J                | 0.0385            |
| BH-27                                  | 9/14/16     | 12.5-15                 | <0.0045                                | <0.0038                   | <0.0066               | <0.0037                         | <0.0029                     | <0.0033                           | <0.0023                           | <0.0029                           | 0.0083 J            | <0.0026                             | <0.0060                 | <0.0048             | <0.0025                             | <0.0097                | 0.0143 J                | <0.0052           |
| BH-27                                  | 9/14/16     | 17.5-20                 | <0.0045                                | <0.0038                   | <0.0066               | <0.0036                         | <0.0029                     | 0.0041 J                          | 0.0088                            | <0.0029                           | 0.0108 J            | <0.0026                             | <0.0060                 | <0.0047             | <0.0025                             | <0.0097                | 0.0304 J                | 0.0063 J          |
| BH-27                                  | 9/14/16     | 22.5-25                 | <0.0045                                | <0.0038                   | <0.0066               | 0.0042 J                        | 0.0046 J                    | 0.0058 J                          | 0.0060 J                          | 0.0044 J                          | 0.0121 J            | <0.0026                             | 0.0119 J                | <0.0048             | <0.00025                            | <0.0097                | <0.0135                 | 0.0116 J          |
| BH-27                                  | 9/14/16     | 27.5-30                 | <0.0043                                | <0.0036                   | <0.0063               | <0.0035                         | <0.0028                     | <0.0031                           | 0.0044 J                          | <0.0028                           | 0.0089 J            | <0.0025                             | <0.0057                 | <0.0046             | <0.0024                             | <0.0093                | <0.0128                 | <0.0050           |
| BH-27                                  | 9/14/16     | 30-32.5                 | <0.0044                                | <0.0037                   | <0.0065               | <0.0036                         | <0.0029                     | <0.0032                           | 0.0039 J                          | <0.0028                           | 0.0084 J            | <0.0025                             | <0.0059                 | <0.0047             | <0.0025                             | <0.0096                | <0.0132                 | <0.0051           |
| BH-21A                                 | 9/15/16     | 0.5-2.5                 | <0.0046                                | <0.0039                   | <0.0068               | <0.0038                         | <0.0030                     | <0.0034                           | <0.0024                           | <0.0030                           | <0.0040             | <0.0027                             | <0.0062                 | <0.0049             | <0.0026                             | <0.0100                | <0.0138                 | <0.0054           |
| BH-21A                                 | 9/15/16     | 7.5-10                  | <0.0044                                | <0.0038                   | <0.0065               | <0.0036                         | <0.0029                     | <0.0032                           | <0.0023                           | <0.0029                           | <0.0038             | <0.0025                             | <0.0059                 | <0.0047             | <0.0025                             | 0.0138 J               | <0.0133                 | <0.0051           |
| BH-21A                                 | 9/15/16     | 15-17.5                 | <0.0180                                | <0.0153                   | <0.0265               | <0.0147                         | <0.0117                     | <0.0131                           | <0.0094                           | <0.0116                           | <0.0157             | <0.0104                             | <0.0242                 | <0.0192             | <0.0102                             | 1.750                  | <0.0541                 | <0.0209           |
| BH-21A                                 | 9/15/16     | 20-22.5                 | <0.0046                                | <0.0039                   | <0.0067               | <0.0037                         | <0.0030                     | <0.0033                           | <0.0024                           | <0.0030                           | 0.0040 J            | <0.0026                             | <0.0061                 | <0.0049             | <0.0026                             | 0.303                  | <0.0137                 | <0.0053           |
| BH-21A                                 | 9/15/16     | 25-27.5                 | <0.0045                                | <0.0039                   | <0.0067               | <0.0037                         | <0.0029                     | <0.0033                           | <0.0024                           | <0.0029                           | <0.0040             | <0.0026                             | <0.0061                 | <0.0049             | <0.0026                             | <0.0099                | <0.0137                 | <0.0053           |
| BH-21A                                 | 9/15/16     | 30-32.5                 | <0.0044                                | <0.0038                   | <0.0065               | <0.0036                         | <0.0029                     | <0.0032                           | <0.0023                           | <0.0029                           | <0.0038             | <0.0025                             | <0.0059                 | <0.0047             | <0.0025                             | <0.0096                | <0.0133                 | <0.0051           |
| BH-25                                  | 9/15/16     | 2.5-5                   | <0.0045                                | <0.0038                   | <0.0066               | 0.0068 J                        | 0.0043 J                    | 0.0050 J                          | 0.0029 J                          | 0.0048 J                          | 0.0095 J            | <0.0026                             | 0.0289                  | <0.0048             | <0.0025                             | <0.0097                | 0.0227 J                | 0.0189            |

**Table 2**  
**Soil Analytical Results - PAHs**  
**BOI, LLC**  
**1196 State Street**  
**Lemont, Cook County, Illinois 60439**

| Tier 1 Exposure Routes                 | Indicator Contaminants and Tier 1 SROs |                         |                    |                      |                    |                        |                        |                        |          |                          |              |          |                          |             |              |         |          |          |
|--|--|-------------------------|--------------------|----------------------|--------------------|------------------------|------------------------|------------------------|----------|--------------------------|--------------|----------|--------------------------|-------------|--------------|---------|----------|----------|
|  | Acenaphthene                           | Acenaphthylene          | Anthracene         | Benzo (a) anthracene | Benzo (a) pyrene   | Benzo (b) fluoranthene | Benzo (g,h,i) perylene | Benzo (k) fluoranthene | Chrysene | Dibenzo (a,h) anthracene | Fluoranthene | Fluorene | Indeno (1,2,3-cd) pyrene | Naphthalene | Phenanthrene | Pyrene  |          |          |
|  | (mg/kg)                                | (mg/kg)                 | (mg/kg)            | (mg/kg)              | (mg/kg)            | (mg/kg)                | (mg/kg)                | (mg/kg)                | (mg/kg)  | (mg/kg)                  | (mg/kg)      | (mg/kg)  | (mg/kg)                  | (mg/kg)     | (mg/kg)      | (mg/kg) |          |          |
| Soil Ingestion - Residential           | 4,700                                  | 2,300                   | 23,000             | 1.8 <sup>(b)</sup>   | 2.1 <sup>(b)</sup> | 2.1 <sup>(b)</sup>     | 2,300                  | 9                      | 88       | 0.42 <sup>(b)</sup>      | 3,100        | 3,100    | 1.6 <sup>(b)</sup>       | 1,600       | 2,300        | 2,300   |          |          |
| Soil Ingestion - Industrial/Commercial | 120,000                                | 61,000                  | 610,000            | 8                    | 2.1 <sup>(b)</sup> | 8                      | 61,000                 | 78                     | 780      | 0.8                      | 82,000       | 82,000   | 8                        | 41,000      | 61,000       | 61,000  |          |          |
| Soil Ingestion - Construction Worker   | 120,000                                | 61,000                  | 610,000            | 170                  | 17                 | 170                    | 61,000                 | 1,700                  | 17,000   | 17                       | 82,000       | 82,000   | 170                      | 4,100       | 61,000       | 61,000  |          |          |
| Inhalation - Residential               | --                                     | --                      | --                 | --                   | --                 | --                     | --                     | --                     | --       | --                       | --           | --       | --                       | 170         | --           | --      |          |          |
| Inhalation - Industrial/Commercial     | --                                     | --                      | --                 | --                   | --                 | --                     | --                     | --                     | --       | --                       | --           | --       | --                       | 270         | --           | --      |          |          |
| Inhalation - Construction Worker       | --                                     | --                      | --                 | --                   | --                 | --                     | --                     | --                     | --       | --                       | --           | --       | --                       | 1.8         | --           | --      |          |          |
| SCGIER - Class I Groundwater           | 570                                    | 85                      | 12,000             | 2                    | 8                  | 5                      | 27,000                 | 49                     | 160      | 2                        | 4,300        | 560      | 14                       | 12          | 210          | 4,200   |          |          |
| SCGIER - Class II Groundwater          | 2,900                                  | 420                     | 59,000             | 8                    | 82                 | 25                     | 130,000                | 250                    | 800      | 7.6                      | 21,000       | 2,800    | 69                       | 18          | 1,100        | 21,000  |          |          |
| Sample Location                        | Sample Date                            | Sample Depth (feet bis) | Analytical Results |                      |                    |                        |                        |                        |          |                          |              |          |                          |             |              |         |          |          |
| BH-25                                  | 9/15/16                                | 7.5-10                  | <0.0044            | <0.0038              | <0.0065            | <0.0036                | <0.0029                | 0.0035 J               | 0.0024 J | <0.0029                  | 0.0098 J     | <0.0026  | <0.0060                  | <0.0047     | <0.0025      | <0.0096 | <0.0133  | <0.0052  |
| BH-25                                  | 9/15/16                                | 10-12.5                 | <0.0045            | <0.0038              | <0.0066            | <0.0037                | <0.0029                | 0.0045 J               | <0.0024  | <0.0029                  | 0.0122 J     | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0097 | 0.0160 J | <0.0052  |
| BH-25                                  | 9/15/16                                | 17.5-20                 | <0.0046            | <0.0039              | <0.0067            | <0.0037                | <0.0029                | <0.0033                | <0.0024  | <0.0029                  | <0.0040      | <0.0026  | <0.0061                  | <0.0049     | <0.0026      | <0.0099 | <0.0137  | <0.0053  |
| BH-25                                  | 9/15/16                                | 20-22.5                 | <0.0045            | <0.0038              | <0.0066            | 0.0039 J               | <0.0029                | <0.0033                | 0.0030 J | <0.0029                  | 0.0051 J     | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0097 | <0.0134  | <0.0052  |
| BH-25                                  | 9/15/16                                | 25-26.5                 | <0.0046            | <0.0039              | <0.0067            | 0.0040 J               | <0.0030                | <0.0033                | 0.0033 J | <0.0030                  | <0.0040      | <0.0026  | <0.0061                  | <0.0049     | <0.0026      | <0.0099 | <0.0137  | <0.0053  |
| BH-25                                  | 9/15/16                                | 30-32.5                 | <0.0045            | <0.0038              | <0.0066            | <0.0037                | <0.0029                | <0.0033                | <0.0023  | <0.0029                  | <0.0039      | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0097 | <0.0134  | <0.0052  |
| BH-28                                  | 9/15/16                                | 2.5-5                   | <0.0045            | <0.0039              | <0.0067            | <0.0037                | <0.0029                | <0.0033                | <0.0024  | <0.0029                  | <0.0040      | <0.0026  | <0.0061                  | <0.0049     | <0.0026      | <0.0099 | <0.0137  | <0.0053  |
| BH-28                                  | 9/15/16                                | 5-7.5                   | <0.0045            | <0.0038              | <0.0066            | <0.0036                | <0.0029                | <0.0032                | <0.0023  | <0.0029                  | <0.0039      | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0097 | <0.0134  | <0.0052  |
| BH-28                                  | 9/15/16                                | 12.5-15                 | <0.0045            | <0.0038              | <0.0066            | 0.0039 J               | <0.0029                | <0.0033                | <0.0024  | <0.0029                  | 0.0045 J     | <0.0026  | <0.0060                  | <0.0048     | <0.0026      | 0.262   | <0.0135  | <0.0052  |
| BH-28                                  | 9/15/16                                | 15-17.5                 | <0.0044            | <0.0037              | <0.0065            | <0.0036                | <0.0028                | <0.0032                | <0.0023  | <0.0028                  | <0.0038      | <0.0025  | <0.0059                  | <0.0047     | <0.0025      | 0.137   | <0.0132  | <0.0051  |
| BH-28                                  | 9/15/16                                | 20-22.5                 | <0.0046            | <0.0039              | <0.0068            | <0.0038                | <0.0030                | <0.0034                | <0.0024  | <0.0030                  | <0.0040      | <0.0027  | <0.0062                  | <0.0049     | <0.0026      | 0.309   | <0.0139  | <0.0054  |
| BH-28                                  | 9/15/16                                | 25-27.5                 | <0.0045            | <0.0038              | <0.0066            | <0.0037                | <0.0029                | <0.0033                | 0.0024 J | <0.0029                  | <0.0039      | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0097 | <0.0134  | <0.0052  |
| BH-29                                  | 9/15/16                                | 2.5-5                   | <0.0049            | <0.0042              | <0.0072            | 0.0050 J               | 0.0034 J               | 0.0062 J               | 0.0032 J | <0.0032                  | 0.0053 J     | <0.0028  | 0.0108 J                 | <0.0052     | <0.0028      | <0.0106 | <0.0147  | 0.0078 J |
| BH-29                                  | 9/15/16                                | 7.5-10                  | <0.0045            | <0.0038              | <0.0066            | 0.0037 J               | <0.0029                | 0.0033 J               | <0.0024  | <0.0029                  | 0.0043 J     | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0098 | <0.0135  | <0.0052  |
| BH-29A                                 | 9/15/16                                | 10-12.5                 | <0.0046            | <0.0039              | <0.0067            | <0.0037                | <0.0030                | <0.0033                | <0.0024  | <0.0030                  | <0.0040      | <0.0026  | <0.0061                  | <0.0049     | <0.0026      | <0.0099 | <0.0137  | <0.0053  |
| BH-29A                                 | 9/15/16                                | 15-20                   | <0.0046            | <0.0039              | <0.0067            | <0.0037                | <0.0029                | <0.0033                | <0.0024  | <0.0029                  | <0.0040      | <0.0026  | <0.0061                  | <0.0049     | <0.0026      | <0.0099 | <0.0137  | <0.0053  |
| BH-29A                                 | 9/15/16                                | 22.5-25                 | <0.0045            | <0.0038              | <0.0066            | <0.0037                | <0.0029                | <0.0033                | <0.0024  | <0.0029                  | <0.0039      | <0.0026  | <0.0060                  | <0.0048     | <0.0026      | <0.0098 | <0.0135  | <0.0052  |
| BH-29A                                 | 9/15/16                                | 27.5-30                 | <0.0044            | <0.0038              | <0.0065            | <0.0036                | <0.0029                | <0.0032                | <0.0023  | <0.0029                  | <0.0039      | <0.0026  | <0.0060                  | <0.0047     | <0.0025      | <0.0096 | <0.0133  | <0.0052  |
| BH-29A                                 | 9/15/16                                | 32.5-35                 | <0.0045            | <0.0038              | <0.0066            | <0.0037                | <0.0029                | <0.0033                | <0.0024  | <0.0029                  | <0.0039      | <0.0026  | <0.0061                  | <0.0048     | <0.0026      | <0.0098 | <0.0136  | <0.0052  |
| BH-30                                  | 9/26/16                                | 2.5-5                   | <0.0044            | <0.0038              | <0.0065            | 0.0185                 | 0.0222                 | 0.0305                 | 0.0187   | 0.0147                   | 0.0254       | 0.0033 J | 0.0397                   | <0.0047     | 0.0150       | <0.0096 | 0.0191 J | 0.0307   |
| BH-30                                  | 9/26/16                                | 7.5-10                  | <0.0046            | <0.0039              | <0.0068            | <0.0038                | <0.0030                | <0.0034                | <0.0024  | <0.0030                  | <0.0040      | <0.0027  | <0.0062                  | <0.0049     | <0.0026      | <0.0100 | <0.0139  | <0.0054  |
| BH-30                                  | 9/26/16                                | 12.5-15                 | <0.0045            | <0.0038              | <0.0066            | <0.0036                | <0.0029                | 0.0033 J               | 0.0058 J | <0.0029                  | 0.0075 J     | <0.0026  | <0.0060                  | <0.0048     | <0.0025      | <0.0097 | <0.0134  | 0.0071 J |

**Table 2**  
**Soil Analytical Results - PAHs**  
 BOI, LLC  
 1196 State Street  
 Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes                 | Indicator Contaminants and Tier 1 SROs |                           |                       |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |          |          |
|--|--|---------------------------|-----------------------|---------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|-------------------------------------|-------------------------|---------------------|-------------------------------------|------------------------|-------------------------|-------------------|----------|----------|
|  | Acenaphthene<br>(mg/kg)                | Acenaphthylene<br>(mg/kg) | Anthracene<br>(mg/kg) | Benzo (a) anthracene<br>(mg/kg) | Benzo (a) pyrene<br>(mg/kg) | Benzo (b) fluoranthene<br>(mg/kg) | Benzo (g,h,i) perylene<br>(mg/kg) | Benzo (k) fluoranthene<br>(mg/kg) | Chrysene<br>(mg/kg) | Dibenzo (a,h) anthracene<br>(mg/kg) | Fluoranthene<br>(mg/kg) | Fluorene<br>(mg/kg) | Indeno (1,2,3-cd) pyrene<br>(mg/kg) | Naphthalene<br>(mg/kg) | Phenanthrene<br>(mg/kg) | Pyrene<br>(mg/kg) |          |          |
| Soil Ingestion - Residential           | 4,700                                  | 2,300                     | 23,000                | 1.8 <sup>5)</sup>               | 2.1 <sup>5)</sup>           | 2.1 <sup>5)</sup>                 | 2,300                             | 9                                 | 88                  | 0.42 <sup>5)</sup>                  | 3,100                   | 3,100               | 1.6 <sup>5)</sup>                   | 1,600                  | 2,300                   | 2,300             |          |          |
| Soil Ingestion - Industrial/Commercial | 120,000                                | 61,000                    | 610,000               | 8                               | 2.1 <sup>5)</sup>           | 8                                 | 61,000                            | 78                                | 780                 | 0.8                                 | 82,000                  | 82,000              | 8                                   | 41,000                 | 61,000                  | 61,000            |          |          |
| Soil Ingestion - Construction Worker   | 120,000                                | 61,000                    | 610,000               | 170                             | 17                          | 170                               | 61,000                            | 1,700                             | 17,000              | 17                                  | 82,000                  | 82,000              | 170                                 | 4,100                  | 61,000                  | 61,000            |          |          |
| Inhalation - Residential               | --                                     | --                        | --                    | --                              | --                          | --                                | --                                | --                                | --                  | --                                  | --                      | --                  | --                                  | 170                    | --                      | --                |          |          |
| Inhalation - Industrial/Commercial     | --                                     | --                        | --                    | --                              | --                          | --                                | --                                | --                                | --                  | --                                  | --                      | --                  | --                                  | 270                    | --                      | --                |          |          |
| Inhalation - Construction Worker       | --                                     | --                        | --                    | --                              | --                          | --                                | --                                | --                                | --                  | --                                  | --                      | --                  | --                                  | 1.8                    | --                      | --                |          |          |
| SCGIER - Class I Groundwater           | 570                                    | 85                        | 12,000                | 2                               | 8                           | 5                                 | 27,000                            | 49                                | 160                 | 2                                   | 4,300                   | 560                 | 14                                  | 12                     | 210                     | 4,200             |          |          |
| SCGIER - Class II Groundwater          | 2,900                                  | 420                       | 59,000                | 8                               | 82                          | 25                                | 130,000                           | 250                               | 800                 | 7.6                                 | 21,000                  | 2,800               | 69                                  | 18                     | 1,100                   | 21,000            |          |          |
| Sample Location                        | Sample Date                            | Sample Depth (feet bis)   | Analytical Results    |                                 |                             |                                   |                                   |                                   |                     |                                     |                         |                     |                                     |                        |                         |                   |          |          |
| BH-30                                  | 9/26/16                                | 15-17.5                   | <0.0044               | <0.0038                         | <0.0065                     | <0.0036                           | <0.0029                           | 0.0033 J                          | 0.0062 J            | <0.0029                             | 0.0085 J                | <0.0026             | <0.0060                             | <0.0047                | <0.0025                 | <0.0097           | <0.0134  | 0.0082 J |
| BH-30A                                 | 9/26/16                                | 22.5-25                   | <0.0043               | <0.0037                         | <0.0064                     | <0.0035                           | <0.0028                           | <0.0032                           | <0.0023             | <0.0028                             | <0.0038                 | <0.0025             | <0.0058                             | <0.0046                | <0.0025                 | <0.0094           | <0.0130  | <0.0050  |
| BH-30A                                 | 9/26/16                                | 27.5-30                   | <0.0045               | <0.0038                         | <0.0066                     | <0.0037                           | <0.0029                           | <0.0033                           | 0.0028 J            | <0.0029                             | <0.0039                 | <0.0026             | <0.0060                             | <0.0048                | <0.0025                 | 0.0128 J          | <0.0134  | <0.0052  |
| BH-31                                  | 9/26/16                                | 2.5-5                     | 0.0222                | 0.0142                          | 0.139                       | 0.593                             | 0.725                             | 0.708                             | 0.367               | 0.406                               | 0.828                   | 0.112               | 1.160                               | 0.0317                 | 0.377                   | 0.0107 J          | 0.747    | 0.890    |
| BH-31                                  | 9/26/16                                | 5-7.5                     | <0.0052               | <0.0044                         | <0.0076                     | <0.0042                           | <0.0034                           | <0.0038                           | <0.0027             | <0.0033                             | <0.0045                 | <0.0030             | <0.0069                             | <0.0055                | <0.0029                 | <0.0112           | <0.0155  | <0.0060  |
| BH-31                                  | 9/26/16                                | 12.5-15                   | <0.0045               | <0.0038                         | <0.0066                     | <0.0037                           | <0.0029                           | <0.0033                           | 0.0042 J            | <0.0029                             | 0.0074 J                | <0.0026             | <0.0060                             | <0.0048                | <0.0025                 | <0.0097           | <0.0135  | 0.0078 J |
| BH-31                                  | 9/26/16                                | 15-17.5                   | <0.0044               | <0.0037                         | <0.0065                     | <0.0036                           | <0.0029                           | 0.0038 J                          | 0.0118              | <0.0029                             | 0.0109 J                | <0.0025             | <0.0059                             | <0.0047                | <0.0025                 | <0.0096           | 0.0345 J | 0.0061 J |
| BH-31                                  | 9/26/16                                | 22.5-25                   | <0.0046               | <0.0039                         | <0.0068                     | <0.0038                           | <0.0030                           | <0.0033                           | 0.0037 J            | <0.0030                             | <0.0040                 | <0.0026             | <0.0062                             | <0.0049                | <0.0026                 | <0.010            | <0.0138  | <0.0053  |
| BH-31                                  | 9/26/16                                | 25-27.5                   | <0.0046               | <0.0039                         | <0.0067                     | <0.0037                           | <0.0030                           | <0.0033                           | <0.0024             | <0.0030                             | <0.0040                 | <0.0026             | <0.0061                             | <0.0049                | <0.0026                 | <0.0099           | <0.0137  | <0.0053  |

- Notes:**
- 1) **Bold** = detected concentration or method detection limit exceeds a SRO listed in 35 IAC Part 742 or in the Non-TACO Objectives tables
  - 2) <0.0122 = concentration less than the laboratory reporting limit or method detection limit
  - 3) J = estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
  - 4) -- = no toxicity criteria available for the route of exposure
  - 5) Shaded cells = not applicable or sample located was excavated
  - 6) Pursuant to 35 IAC Section 742, Appendix B, Table A, the SRO listed in 35 IAC Section 742, Appendix A, Table H was utilized

Table 3  
Soil Characterization Results

BOI, LLC  
1196 State Street  
Lemont, Cook County, Illinois 60439

| Sample Location           | BH-1    | SCB-1  | BH-6A                     | BH-7A  | BH-8A  | BH-18   | Waste Disposal                         | Waste Disposal | Waste Disposal-1 |
|---------------------------|---------|--|---------------------------|--------|--------|---------|--|----------------|------------------|
| Sample Depth (feet bls)   | 5-7     | 20-22.5  | 5                         | 4      | 3      | 10-11   |  |                |                  |
| Sample Date               | 9/18/03 | 8/10/04  | 8/2/05                    | 8/2/05 | 8/2/05 | 8/25/05 | 3/18/15                                | 3/25/15        | 7/7/17           |
| Analysis                  | Units   | Results  |                           |        |        |         |  |                |                  |
| Visual Classification     |         | Silty Clay, some fine to coarse sand, trace fine gravel - Brown (CL) | Silty CLAY (CL) with sand |        |        |         | Fat CLAY - CH (Glacial Till)           |                |                  |
| Permeability              | cm/sec  |  | 3x10 <sup>-8</sup>        |        |        |         | 5.06x10 <sup>-8</sup>                  |                |                  |
| Dry Unit Weight           | pcf     | 117.7  | 115.5                     |        |        |         | 99.4                                   |                |                  |
| Moisture Content          | %       | 15.9   | 13.7                      |        |        |         | 23.2                                   | 29.3           | 20.0             |
| Grain-Size Analysis       | %       | 35% Clay<br>38.4% Silt<br>21.3% Sand<br>5.3% Gravel                  |                           |        |        |         | 50.1% Clay<br>35.6% Silt<br>14.3% Sand |                |                  |
| Hydraulic Conductivity    | cm/sec  | 5.76x10 <sup>-9</sup>  |                           |        |        |         |  |                |                  |
| Fractional Organic Carbon | %       |  |                           | 0.82   | 1.84   | 0.82    |  |                |                  |
| pH                        |         |  |                           |        |        |         | 7.2                                    |                | 7.92             |
| TCLP Lead                 | mg/L    |  |                           |        |        |         | <0.0030                                |                | <0.0043          |
| Flashpoint                | °F      |  |                           |        |        |         | >210                                   |                | >210             |
| Paint Filter Liquid Test  |         |  |                           |        |        |         | Pass                                   |                | Pass             |
| Reactive Cyanide          | mg/kg   |  |                           |        |        |         |  | <25.0          |                  |
| Reactive Sulfide          | mg/kg   |  |                           |        |        |         |  | <50.0          |                  |

Notes:

1) Shaded cells = not applicable or not analyzed

Table 4  
Groundwater Elevations and Analytical Results

BOI, LLC  
1196 State Street  
Lemont, Cook County, Illinois 60439

| Tier 1 Exposure Routes        |             |                         |                      |                                 |                              | Indicator Contaminants and Tier 1 GROs |                |                     |                      |             |
|-------------------------------|-------------|-------------------------|----------------------|---------------------------------|------------------------------|--|----------------|---------------------|----------------------|-------------|
|                               |             |                         |                      |                                 |                              | Benzene (mg/L)                         | Toluene (mg/L) | Ethylbenzene (mg/L) | Total Xylenes (mg/L) | MTBE (mg/L) |
| GCGIER - Class I Groundwater  |             |                         |                      |                                 |                              | 0.005                                  | 1              | 0.7                 | 10                   | 0.07        |
| GCGIER - Class II Groundwater |             |                         |                      |                                 |                              | 0.026                                  | 2.5            | 1                   | 10                   | 0.07        |
| Sample Location               | Sample Date | Ground Elevation (feet) | TOC Elevation (feet) | Depth to Water (feet below TOC) | Groundwater Elevation (feet) | Analytical Results                     |                |                     |                      |             |
| MW-1                          | 7/19/17     | 99.44                   | 99.04                | 13.09                           | 85.95                        | 1.300                                  | 0.476          | 1.540               | 4.600                | <0.0035     |
| MW-2                          | 7/19/17     | 99.30                   | 98.84                | 12.98                           | 85.86                        | <0.00050                               | <0.00050       | <0.00050            | <0.0015              | <0.00017    |
| MW-3                          | 7/19/17     | 100.53                  | 100.16               | 14.21                           | 85.95                        | <0.00050                               | <0.00050       | <0.00050            | <0.0015              | <0.00017    |
| MW-4                          | 7/19/17     | 100.72                  | 100.34               | 13.33                           | 87.01                        | <0.00050                               | <0.00050       | <0.00050            | <0.0015              | <0.00017    |
| MW-5                          | 7/19/17     | 100.01                  | 99.44                | 12.68                           | 88.76                        | <0.00050                               | <0.00050       | <0.00050            | <0.0015              | <0.00017    |

Notes:

- 1) Bold = detected concentration exceeds a Tier 1 GRO listed in 35 IAC Part 742
- 2) <0.0122 = concentration less than the laboratory reporting limit or method detection limit
- 3) J = estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- 4) Groundwater elevations are relative to a site-specific benchmark of 100 feet.



Attachment 5

Stage 3 Site Investigation Budget Approval

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

The Stage 3 Site Investigation Budget is approved for the following amounts:

| Category                                       | Amount     |
|--|------------|
| Drilling and Monitoring Well Costs             | \$0.00     |
| Analytical Costs                               | \$4,650.00 |
| Remediation and Disposal Costs                 | \$0.00     |
| UST Removal and Abandonment Costs              | \$0.00     |
| Paving, Demolition, and Well Abandonment Costs | \$0.00     |
| Consulting Personnel Costs                     | \$6,849.28 |
| Consultant's Materials Costs                   | \$24.00    |

Attachment 6

Site Investigation Completion Report Rejection Reasons

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

The Site Investigation Completion Report is rejected for the following reasons:

1. In accordance with 35 Illinois Administrative Code 734.310, the extent of the soil and groundwater contamination must be defined.
  - a. The extent of the soil contamination has not been defined to the south or east of soil boring BH-31.
  - b. The extent of the groundwater contamination has not been defined to the west of groundwater monitoring well MW-1.

Attachment 7

Corrective Action Plan Rejection Reasons

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

The Corrective Action Plan is rejected for the following reasons:

1. The Corrective Action Plan does not include a Tier 3 impractical remediation evaluation for the TCK (Walgreens) property as discussed with the Illinois EPA. If the owner or operator hopes to demonstrate that best efforts have been made to address the TCK (Walgreens) property, the owner or operator will need to demonstrate that an Environmental Land Use Control cannot be negotiated, it is impractical to remediate the TCK (Walgreens) property, and a Tier 3 impractical remediation evaluation is appropriate given the proximity of the two community water supply wells.
2. The Corrective Action Plan does not include a Tier 3 evaluation for sample locations at the TCK (Walgreens) property that exceed the Tier 1 remediation objectives for the outdoor inhalation exposure pathway as stated in the plan.
3. The Tier 3 evaluation to utilize measured concentrations in lieu of modeled concentrations does not include the information required at 35 Illinois Administrative Code 742.925(a) through (d).

It should be noted that the Corrective Action Plan does not propose institutional controls for sample locations at the TCK (Walgreens) property that exceed the Tier 1 remediation objectives for the soil and groundwater components of the groundwater ingestion exposure pathway. Even if the owner or operator is unable to negotiate an Environmental Land Use Control for the TCK (Walgreens) property, the Corrective Action Plan should identify the necessary institutional controls.

4. The Tier 3 impractical remediation evaluation being proposed for sample locations within the rights-of-way of 127<sup>th</sup> Street and State Street that exceed the Tier 1 soil saturation limits does not include the information required at 35 Illinois Administrative Code 742.920(a) through (g).

It should be noted that, since Highway Authority Agreements will be utilized for portions of 127<sup>th</sup> Street and State Street, SSL equations may be used to develop Tier 2 soil saturation limits for sample locations within the rights-of-way of 127<sup>th</sup> Street and State Street that exceed the Tier 1 soil saturation limits.

5. With regard to the contaminant modeling, which was performed using Equation R26, the figures illustrate the modeled plumes of contamination in groundwater as being a series of line segments. This is not appropriate. The modeled plumes of contamination in groundwater are a physical area, not a series of line segments.

Attachment 8

Corrective Action Budget Disapproval Reasons

Re: 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
Leaking UST Incidents 942117 & 20141348  
Leaking UST Technical File

The Corrective Action Budget is rejected for the following reasons:

1. The Illinois EPA cannot approve a Corrective Action Budget without an approved Corrective Action Plan.

The Corrective Action Plan is rejected for the reasons explained in Attachment 7 of this letter.

Attachment 9

Appeal Rights

An underground storage tank system owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period of time not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact

Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph Street  
Suite 11-500  
Chicago, Illinois 60601-3233  
312-814-3620

For information regarding the filing of an extension, please contact

Illinois Environmental Protection Agency  
Division of Legal Counsel  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217-782-5544



**Annie Mergen**

**Subject:** FW: LUST Incidents 942117 & 20141348 (Lemont Kar Gas)  
**Attachments:** May 18, 2020 Illinois EPA Letter (Lemont Kar Gas).pdf; 2017-01-23 - Correspondence Regarding BH-31.pdf

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**From:** Marcos Czako <[marcos.czako@tricoreweb.com](mailto:marcos.czako@tricoreweb.com)>  
**Sent:** Tuesday, May 19, 2020 1:08 PM  
**To:** 'Piggush, Michael' <[Michael.Piggush@Illinois.gov](mailto:Michael.Piggush@Illinois.gov)>; Trent Benanti <[Trent.Benanti@Illinois.gov](mailto:Trent.Benanti@Illinois.gov)>; Brian Bauer <[Brian.Bauer@Illinois.gov](mailto:Brian.Bauer@Illinois.gov)>  
**Subject:** RE: LUST Incidents 942117 & 20141348 (Lemont Kar Gas)

Hi Michael,

I realize that you were transferred this project well after the correspondences and decisions below were made. I'd like to know if there's been an internal change in thought about the technical requirements of how this site is to be evaluated or if it was just a matter of not having the information due to the transfer of a complex project. So, I wanted to discuss your SICR rejection reasons (Attachment 6 in the attached letter) before sending in a formal response.

**Reason 1. a. The extent of soil contamination has not been defined to the south or east of soil boring BH-31.**

On January 23, 2017, I emailed Trent regarding the total xylenes concentration in soil boring BH-31, asking if we are required to delineate the concentration or if we could call that delineated based on the concentration. I received no response from Trent to my email. In the Amended CAP dated January 27, 2017, the results from BH-31 were presented along with results from other soil borings that were proposed in the October 19, 2015 Amended CAP. The 2017 Amended CAP proposed additional investigation activities on the TCK property. The IEPA modified the 2017 CAP in a letter dated June 2, 2017. There was no comment about requiring delineation of BH-31 in that letter. Since the IEPA did not comment on that and the information was presented in the 2017 email and Amended CAP, it was understood that delineation of BH-31 was not required. If it was going to be required, why didn't the IEPA comment on it back in 2017? We could have done the delineation at that time.

**Reason 1. b. The extent of the groundwater contamination has not been defined to the west of groundwater monitoring well MW-1.**

In the Amended CAPs dated October 19, 2015 and January 27, 2017, it was presented that a continuous groundwater table was not present on site and that an on-site groundwater evaluation would not be completed. The Amended CAP dated January 27, 2017 proposed the installation of monitoring well MW-1 (off-site). The plan also proposed the installation of additional monitoring wells MW-2 through MW-5 (TCK property) if a continuous groundwater table was present on the TCK property. Monitoring wells MW-2 through MW-5 were installed because a continuous groundwater table was observed on the TCK property as documented in the soil borings installed.

The 2015 and 2017 Amended CAPs were modified in the IEPA letters dated February 19, 2016 and June 2, 2017. The IEPA did not comment or request that an on-site groundwater investigation was required. Therefore, it was understood that an on-site groundwater investigation would not be required. If it was going to be required, why didn't the IEPA comment on it back in 2016 and 2017? We could have completed an on-site groundwater investigation during the installation of monitoring wells MW-1 through MW-5.

Marcos

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**From:** Piggush, Michael <[Michael.Piggush@Illinois.gov](mailto:Michael.Piggush@Illinois.gov)>  
**Sent:** Tuesday, May 19, 2020 9:04 AM  
**To:** CZAKO, MARCOS <[MARCOS.CZAKO@TRICOREWEB.COM](mailto:MARCOS.CZAKO@TRICOREWEB.COM)>; MILLER, KIM <[KIM.MILLER@TRICOREWEB.COM](mailto:KIM.MILLER@TRICOREWEB.COM)>;  
RODECK, SHAWN <[SHAWN.RODECK@TRICOREWEB.COM](mailto:SHAWN.RODECK@TRICOREWEB.COM)>  
**Subject:** LUST Incidents 942117 & 20141348 (Lemont Kar Gas)

RE: LPC 0314625010 - Cook County  
Lemont - Lemont Kar Gas  
1196 State Street  
LUST Incidents 942117 & 20141348  
LUST TECHNICAL FILE

Attached is a PDF copy of an Illinois EPA letter which was mailed on May 18, 2020.

Michael Piggush  
Leaking Underground Storage Tank Section  
Illinois Environmental Protection Agency

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