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**MEMO**

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From:

Patrick Curry - ARCADIS

Date:

July 24, 2014

ARCADIS Project No.:

B0064478 & 80

Subject:

2014 Additional AOI Investigation - RACER Plants 2 & 3, Lansing, Michigan

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ARCADIS has completed two soil borings within additional areas of interest (AOIs) noted by the MDEQ in an email dated June 4, 2014. These AOIs consisted of a previously unknown “paint spray booth” located on Plant 2 and a “waste degreaser marshalling area” located on Plant 3. The locations of the additional AOIs are provided on Figure 1.

As outlined in ARCADIS’ email response on June 17, 2014, additional work consisted of advancing soil borings within the AOIs and collection of soil and groundwater samples. Soil boring locations are indicated on Figure 2. Sample collection was completed in general accordance with the approved Field Sampling Plan (ARCADIS 2011a) and Quality Assurance Project Plan (ARCADIS 2011b). The specific scope of work included the following:

- A direct push drilling rig was used to complete soil borings through the perched zone to a depth of 25-30 feet below ground surface (bgs) utilizing dual tube drilling techniques.
- Soil cores were screened with a PID and soil samples were collected at nominal 5 foot intervals (bias to impacted zones).
- Groundwater samples were collected from permeable saturated zones utilizing a temporary well assembly.

- Soil and groundwater samples were submitted to Merit Laboratory in Lansing, Michigan for constituents of concern (COCs) including:
  - o Target Analyte List (TAL) volatile organic compounds (VOCs) (Method SW8260B),
  - o 1,4-dioxane (SW8260B - SIM), and
  - o Semi-volatile organic compounds (SVOCs) (SW8270C).
- Each borehole was abandoned by grouting through the outer casing from the bottom of the borehole to the ground surface.

## Soil Boring Results

The soil borings were completed on June 24, 2014. The results of the soil sampling are summarized on Table 1 and the results of the groundwater sampling are summarized on Table 2. Laboratory analytical detections are also summarized on Figure 2. Soil boring logs for each location are included as Attachment 1 and laboratory analytical reports are included as Attachment 2.

### Plant 2 – Former Paint Spray Booth

Soil boring SB-P2-NA78 was completed at a location as close as possible to the location of the former paint spray booth given the presence of a subsurface storm sewer in this area. Stratigraphy encountered at the boring location was consistent with the conceptual site model and included a foot of sandy fill followed by a clay-rich glacial till extending to a depth of 24 feet below ground surface (bgs). A layer of saturated fine to medium sand was encountered between 24 and 25 feet bgs followed by glacial till to 30 feet bgs. The photo-ionization detector (PID) did not indicate elevated concentrations of VOCs within the borehole and there was no other indication of soil or groundwater impacts. Soil samples were collected at 5 foot intervals and a groundwater sample was collected from the saturated sand layer at 24-25 feet bgs.

Soil sampling indicated low concentrations (80 to 200 micrograms per kilogram [µg/Kg]) of chlorinated VOCs including 1,1,1-trichloroethane (TCA), 1,1-dichloroethane (DCA) and chloroethane at depths between 10 and 20 feet bgs. VOCs were not detected in the shallow 1-3 foot or 6-8 foot soil sample intervals, or within the deeper 21-23 foot and 28-30 foot samples and 1,4-dioxane was not detected in soil at this location. As shown on Table 1 all of the COCs detected in soil are below their respective Part 201 Drinking Water Protection Criteria (MDEQ, 2013).

The groundwater sample SB-P2-NA78 22'-25' contained 1,4-dioxane at a concentration of 40 micrograms per liter (µg/L), as well as low concentrations of 1,1-DCA, chloroethane and the SVOC bis(2-Ethylhexyl)phthalate (DEHP). Although phthalates have been detected sporadically across the Site, these detections are considered a laboratory contaminant (ARCADIS, 2014). Based on the lack of shallow soil impacts and low concentration of COCs detected in deeper soil, the former paint spray booth does not appear to be a source of 1,4-dioxane. It is possible the 1,4-dioxane migrated in the groundwater to this location from the Plant 2 light non-aqueous phase liquid (LNAPL) source area located 300 feet to the

southeast. This detection changes the interpreted extent of the perched 1,4-dioxane plume presented in previous submittals. The new interpreted extent of the perched 1,4-dioxane plume is shown on Figure 3. The revised version of the perched 1,4-dioxane plume will be included as part of the RFI Summary Report prepared for the MDEQ in August 2014.

A groundwater sample collected west of the former paint spray booth in 2012 (SB-A4-MY60 23-24') contained 1,4-dioxane at a concentration of 7 µg/L indicating the extent of the 1,4-dioxane is defined at the property boundary to the proposed drinking water standard (8.5 µg/L). ARCADIS proposes to install a new monitoring well near SB-A4-MY60 to confirm the extent of the perched 1,4-dioxane plume and provide a location for long-term groundwater monitoring. The proposed location of the additional well is included on Figure 3.

### Plant 3 – Former Waste Degreaser Marshalling Area

Soil boring SB-P3-GE40 was completed at a location as close as possible to the location of the former waste degreaser marshalling area given the presence of a large subsurface storm water structure in this area. Stratigraphy encountered at the boring location was consistent with the general conceptual site model and included 5 feet of sandy fill material followed by a clay-rich glacial till to a depth of 19 feet bgs. Below the till a dry fine sand and silt was encountered to a depth of 30 feet bgs. Groundwater was not encountered in the boring. The PID did not indicate the presence of VOCs and there was no other indication of soil impacts within the borehole. Soil samples were collected at 5 foot intervals throughout the borehole. Review of the analytical results summarized on Table 1 indicates COCs were not detected at this location.

### **Conclusions**

The distribution of soil and groundwater impacts identified at the Plant 2 former paint spray booth does not suggest the presence of a previously unknown source area. The 1,4-dioxane detected in groundwater at this location is likely associated with the Plant 2 LNAPL source area and is consistent with a revised interpretation of the perched 1,4-dioxane plume. An additional monitoring well will be installed west of this area to allow for long-term monitoring and verify the stability of this portion of the plume.

Soil and groundwater impacts were not identified at the former waste degreaser marshalling area at Plant 3. No additional work is proposed for this area.

## References

ARCADIS 2014, Revised Interim Groundwater Monitoring Work Plan, RACER Trust, Lansing Plants 2, 3, and 6 Industrial Land, Lansing, Michigan. May 23.

ARCADIS 2011a. Field Sampling Plan. RACER Trust, Lansing Plants 2, 3, and 6 Industrial Land, Lansing, Michigan. August 26.

ARCADIS 2011b. Quality Assurance Project Plan. RACER Trust, Lansing Plants 2, 3, and 6 Industrial Land, Lansing, Michigan, August 26.

MDEQ 2013. Michigan Natural Resources and Environmental Protection Act 451, Part 201, Generic Cleanup Criteria and Screening Levels, December 30.

**Tables**



**Table 1**  
**Summary of AOI Soil Sample Analytical Results**  
**RACER Trust Plants 2 and 3 - Lansing, Michigan**

**Table Notes:**

-- Shading indicates result exceeding one or more MDEQ Part 201 Generic Cleanup Criteria and Screening Levels, Dated March 25, 2011.

-- Bold fonts represent data where detections were noted above the MDL but below MDEQ Part 201 Generic Cleanup Criteria.

µg/kg - micrograms per kilogram

<sup>a</sup> - Sample exceeds Residential Drinking Water Protection Criteria

**MDEQ Criteria Footnotes: (as revised December 30, 2013)**

- - = Not listed in MDEQ Criteria Tables.

ID = Insufficient data to develop a criterion.

NA = Not available.

NLL = Not likely to leach.

C = Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat.

M = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.

W = Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.

Table 2  
Summary of AOI Groundwater Sample Analytical Results  
RACER Trust Plant 2 - Lansing, Michigan

| Location ID:<br>Sample Depth():<br>Plant No.<br>Date Collected: |      | MI GW<br>(DEQ2013)<br>RES DW | SB-P2-NA78<br>22 - 25<br>Plant 2<br>06/24/14 |
|-----------------------------------------------------------------|------|------------------------------|----------------------------------------------|
| Volatile Organics                                               |      |                              |                                              |
| 1,2-Dibromo-3-chloropropane (DBCP)                              | ug/L | 0.2(A)                       | <1                                           |
| 1,2-Dibromoethane (Ethylene dibromide)                          | ug/L | 0.05(A)                      | <1                                           |
| 1,2-Dichlorobenzene                                             | ug/L | 600(A)                       | <1                                           |
| 1,4-Dichlorobenzene                                             | ug/L | 75(A)                        | <1                                           |
| 1,4-Dioxane                                                     | ug/L | 85                           | 40                                           |
| 1,1,1-Trichloroethane                                           | ug/L | 200(A)                       | <1                                           |
| 2-Hexanone                                                      | ug/L | 1,000                        | <10                                          |
| 1,1,2,2-Tetrachloroethane                                       | ug/L | 8.5                          | <1                                           |
| Acetone                                                         | ug/L | 730                          | <10                                          |
| 1,1,2-Trichloroethane                                           | ug/L | 5(A)                         | <1                                           |
| Bromodichloromethane                                            | ug/L | 80(A,W)                      | <1                                           |
| 1,1-Dichloroethane                                              | ug/L | 880                          | 3                                            |
| Bromoform                                                       | ug/L | 80(A,W)                      | <1                                           |
| 1,1-Dichloroethene                                              | ug/L | 7(A)                         | <1                                           |
| Bromomethane (Methyl bromide)                                   | ug/L | 10                           | <1                                           |
| 1,2-Dichloroethane                                              | ug/L | 5(A)                         | <1                                           |
| Carbon disulfide                                                | ug/L | 800                          | <1                                           |
| Carbon tetrachloride                                            | ug/L | 5(A)                         | <1                                           |
| cis-1,2-Dichloroethene                                          | ug/L | 70(A)                        | <1                                           |
| Chlorobenzene                                                   | ug/L | 100(A)                       | <1                                           |
| trans-1,2-Dichloroethene                                        | ug/L | 100(A)                       | <1                                           |
| Chloroform (Trichloromethane)                                   | ug/L | 80(A,W)                      | <1                                           |
| Trichloroethene                                                 | ug/L | 5(A)                         | <1                                           |
| Chloromethane (Methyl chloride)                                 | ug/L | 260                          | <1                                           |
| Tetrachloroethene                                               | ug/L | 5(A)                         | <1                                           |
| cis-1,3-Dichloropropene                                         | ug/L | 8.5                          | <1                                           |
| Vinyl chloride                                                  | ug/L | 2(A)                         | <1                                           |
| Chloroethane                                                    | ug/L | 430                          | 2                                            |
| Dichlorodifluoromethane (CFC-12)                                | ug/L | 1,700                        | <1                                           |
| Benzene                                                         | ug/L | 5(A)                         | <1                                           |
| Methyl acetate                                                  | ug/L | - -                          | <10                                          |
| Ethylbenzene                                                    | ug/L | 74(E)                        | <1                                           |
| Methylene chloride                                              | ug/L | 5(A)                         | <1                                           |
| Styrene                                                         | ug/L | 100(A)                       | <1                                           |
| Toluene                                                         | ug/L | 790(E)                       | <1                                           |
| trans-1,3-Dichloropropene                                       | ug/L | 8.5                          | <1                                           |
| Methyl tert butyl ether (MTBE)                                  | ug/L | 40(E)                        | <1                                           |
| Trichlorofluoromethane (CFC-11)                                 | ug/L | 2,600                        | <1                                           |
| Trifluorotrichloroethane (Freon 113)                            | ug/L | 1.70E+05(S)                  | <1                                           |
| 2-Butanone (Methyl ethyl ketone) (MEK)                          | ug/L | 13,000                       | <10                                          |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone)                   | ug/L | 1,800                        | <10                                          |
| 1,2,4-Trichlorobenzene                                          | ug/L | 70(A)                        | <1                                           |
| 1,2-Dichloropropane                                             | ug/L | 5(A)                         | <1                                           |
| 1,3-Dichlorobenzene                                             | ug/L | 6.6                          | <1                                           |
| Cyclohexane                                                     | ug/L | - -                          | <1                                           |
| Methyl cyclohexane                                              | ug/L | - -                          | <1                                           |
| Dibromochloromethane                                            | ug/L | 80(A,W)                      | <1                                           |
| Isopropyl benzene                                               | ug/L | 800                          | <1                                           |
| o-Xylene                                                        | ug/L | 280(E)                       | <1                                           |
| m&p-Xylene                                                      | ug/L | 280(E)                       | <2                                           |
| Xylene (total)                                                  | ug/L | 280(E)                       | <3                                           |
| Semivolatile Organics                                           |      |                              |                                              |
| Acenaphthene                                                    | ug/L | 1,300                        | <1                                           |
| Acenaphthylene                                                  | ug/L | 52                           | <1                                           |
| Acetophenone                                                    | ug/L | 1,500                        | <1                                           |
| Anthracene                                                      | ug/L | 43(S)                        | <1                                           |
| Atrazine                                                        | ug/L | 3(A)                         | <1                                           |
| Biphenyl (1,1-Biphenyl)                                         | ug/L | - -                          | <1                                           |
| 4-Bromophenyl phenyl ether                                      | ug/L | - -                          | <1                                           |
| Di-n-butylphthalate (DBP)                                       | ug/L | 880                          | <1                                           |
| Benzaldehyde                                                    | ug/L | - -                          | <1                                           |
| Benzo(a)anthracene                                              | ug/L | 2.1                          | <1                                           |
| Benzo(a)pyrene                                                  | ug/L | 5(A)                         | <1                                           |
| Benzo(b)fluoranthene                                            | ug/L | 1.5(S,AA)                    | <1                                           |
| Benzo(g,h,i)perylene                                            | ug/L | 1(M); 0.26(S)                | <1                                           |
| Benzo(k)fluoranthene                                            | ug/L | 1(M); 0.8(S)                 | <1                                           |
| Butyl benzylphthalate (BBP)                                     | ug/L | 1,200                        | <1                                           |
| 2-Chloronaphthalene                                             | ug/L | 1,800                        | <1                                           |
| 2-Chlorophenol                                                  | ug/L | 45                           | <1                                           |
| 4-Chloro-3-methylphenol                                         | ug/L | 150                          | <1                                           |
| 4-Chloroaniline                                                 | ug/L | - -                          | <1                                           |
| 4-Chlorophenyl phenyl ether                                     | ug/L | - -                          | <1                                           |
| Caprolactam                                                     | ug/L | 5,800                        | <1                                           |
| Carbazole                                                       | ug/L | 85                           | <1                                           |
| bis(2-Chloroethoxy)methane                                      | ug/L | - -                          | <1                                           |
| bis(2-Chloroethyl)ether                                         | ug/L | 2                            | <1                                           |
| 2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)     | ug/L | - -                          | <1                                           |
| Chrysene                                                        | ug/L | 1.6(S)                       | <1                                           |
| 2,4-Dichlorophenol                                              | ug/L | 73                           | <1                                           |
| 2,4-Dimethylphenol                                              | ug/L | 370                          | <1                                           |
| 2,4-Dinitrophenol                                               | ug/L | - -                          | <1                                           |
| 2,4-Dinitrotoluene                                              | ug/L | 7.7                          | <1                                           |
| 2,6-Dinitrotoluene                                              | ug/L | - -                          | <1                                           |
| 4,6-Dinitro-2-methylphenol                                      | ug/L | 20(M)                        | <1                                           |
| Dibenz(a,h)anthracene                                           | ug/L | 2(M)                         | <2                                           |
| Dibenzofuran                                                    | ug/L | ID                           | <1                                           |
| Diethyl phthalate                                               | ug/L | 5,500                        | <2                                           |
| Dimethyl phthalate                                              | ug/L | 73,000                       | <1                                           |
| bis(2-Ethylhexyl)phthalate (DEHP)                               | ug/L | 6(A)                         | 5                                            |
| Fluoranthene                                                    | ug/L | 210(S)                       | <1                                           |
| Fluorene                                                        | ug/L | 880                          | <1                                           |
| Hexachlorobutadiene                                             | ug/L | 15                           | <1                                           |
| Hexachlorocyclopentadiene                                       | ug/L | 50(A)                        | <1                                           |
| Hexachloroethane                                                | ug/L | 7.3                          | <1                                           |
| Indeno(1,2,3-cd)pyrene                                          | ug/L | 2(M); 0.022(S)               | <1                                           |
| Isophorone                                                      | ug/L | 770                          | <1                                           |
| 2-Methylnaphthalene                                             | ug/L | 260                          | <1                                           |
| 2-Methylphenol                                                  | ug/L | 370                          | <1                                           |
| 3&4-Methylphenol                                                | ug/L | 370                          | <1                                           |
| 2-Nitroaniline                                                  | ug/L | - -                          | <1                                           |
| 2-Nitrophenol                                                   | ug/L | 20                           | <1                                           |
| 3-Nitroaniline                                                  | ug/L | - -                          | <1                                           |
| 4-Nitroaniline                                                  | ug/L | - -                          | <1                                           |
| 4-Nitrophenol                                                   | ug/L | - -                          | <1                                           |
| N-Nitrosodi-n-propylamine                                       | ug/L | 5(M)                         | <1                                           |
| N-Nitrosodiphenylamine                                          | ug/L | 270                          | <1                                           |
| Naphthalene                                                     | ug/L | 520                          | <1                                           |
| Nitrobenzene                                                    | ug/L | 3.4                          | <1                                           |
| Di-n-octyl phthalate (DnOP)                                     | ug/L | 130                          | <1                                           |
| Pentachlorophenol                                               | ug/L | 1(A)                         | <1                                           |
| Phenanthrene                                                    | ug/L | 52                           | <1                                           |
| Phenol                                                          | ug/L | 4,400                        | <1                                           |
| Pyrene                                                          | ug/L | 140(S)                       | <1                                           |
| 2,4,5-Trichlorophenol                                           | ug/L | 730                          | <1                                           |
| 2,4,6-Trichlorophenol                                           | ug/L | 120                          | <1                                           |
| Hexachlorobenzene                                               | ug/L | 1(A)                         | <1                                           |

Table 2  
Summary of AOI Groundwater Sample Analytical Results  
RACER Trust Plant 2 - Lansing, Michigan

**Table Notes:**

-- Shading indicates result exceeding one or more MDEQ Part 201 Generic Cleanup Criteria and Screening Levels, Dated March 25, 2011.

-- Bold fonts represent data where detections were noted above the MDL but below MDEQ Part 201 Generic Cleanup Criteria.

µg/L - micrograms per liter

<sup>a</sup> - Sample exceeds Residential Drinking Water Criteria

**MDEQ Criteria Footnotes: (as revised December 30, 2013)**

-- = Not listed in the MDEQ Criteria Tables.

ID = Insufficient data to develop a criterion.

A = Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.

E = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA).

M = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.

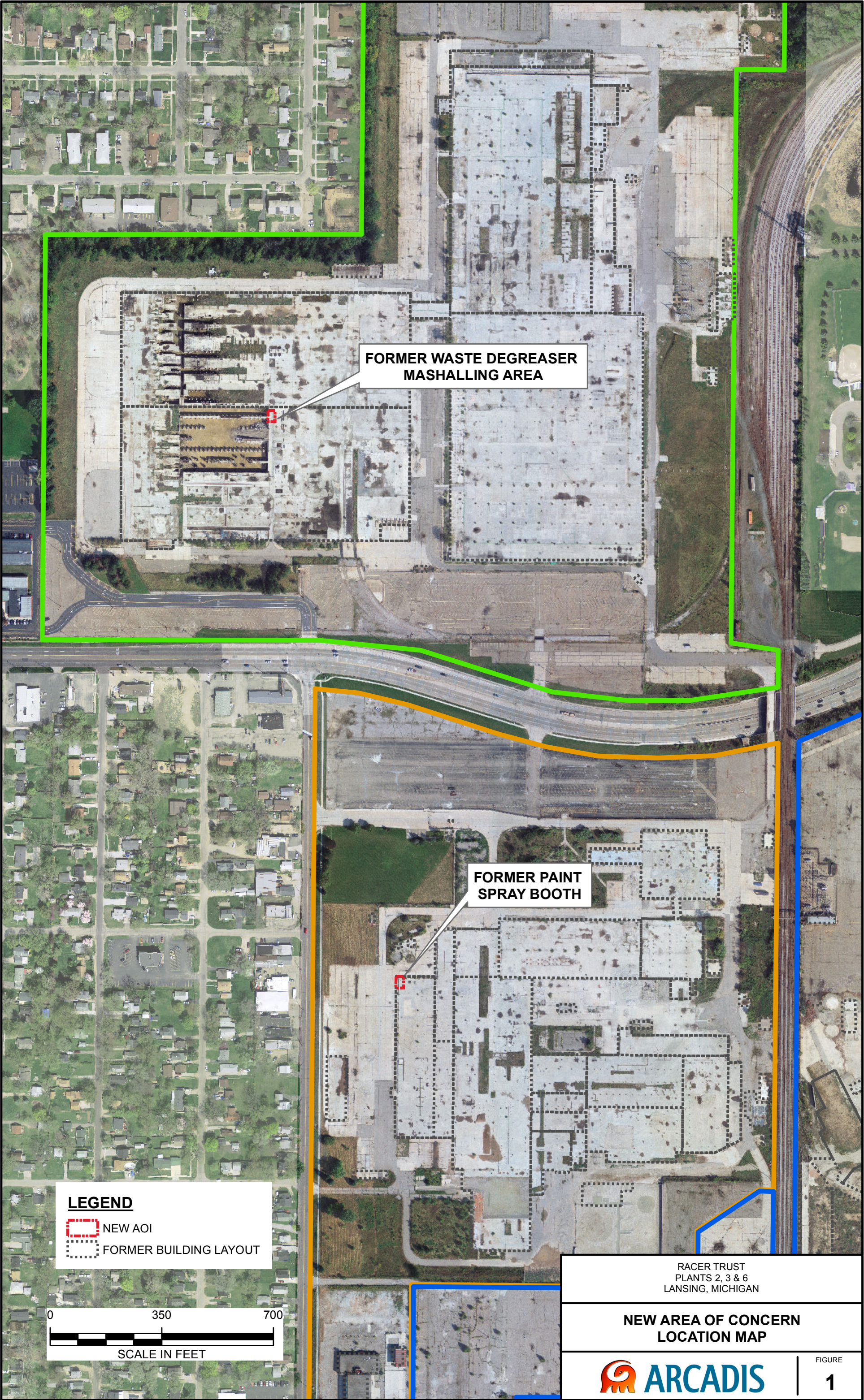
S = Criterion defaults to the hazardous substance-specific water solubility limit.

W = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L.

AA = Comparison to these criteria may take into account an evaluation of whether the hazardous substances are adsorbed to particulates rather than dissolved in water and whether filtered groundwater samples were used to evaluate

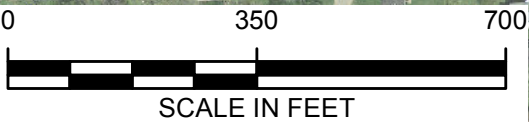
## Figures

CITY: KNOXVILLE DIV: ENV DB: A.SMITH PIC: PM: TR: PROJECT NUMBER: COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl  
G:\GIS\Project Files\MotorsLiquidation\Company\Lansing\Docs\New AOI Investigation\1 - New AOI Locations.mxd PLOTTED: 7/17/2014 12:15:09 PM BY: PCurry



**LEGEND**

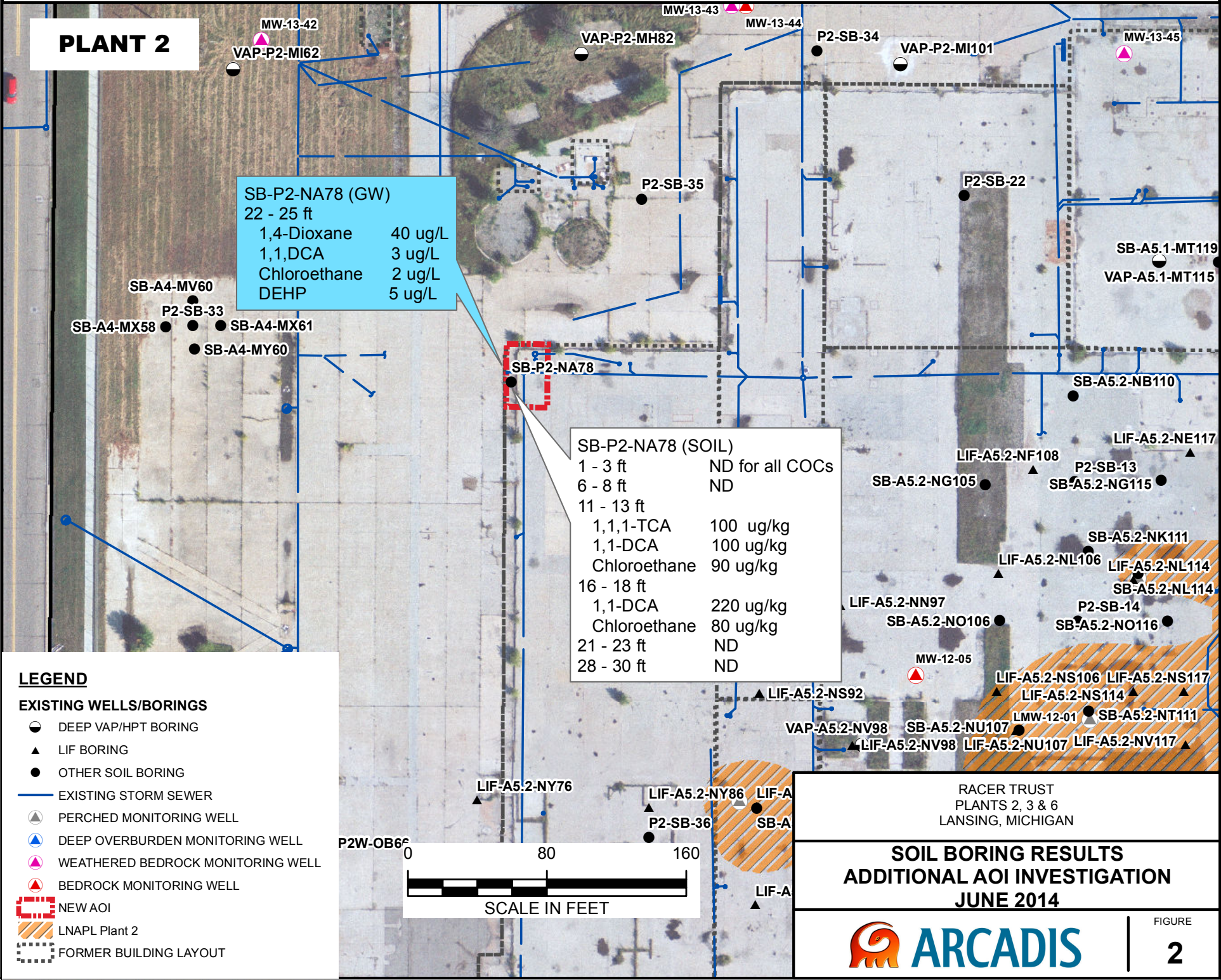
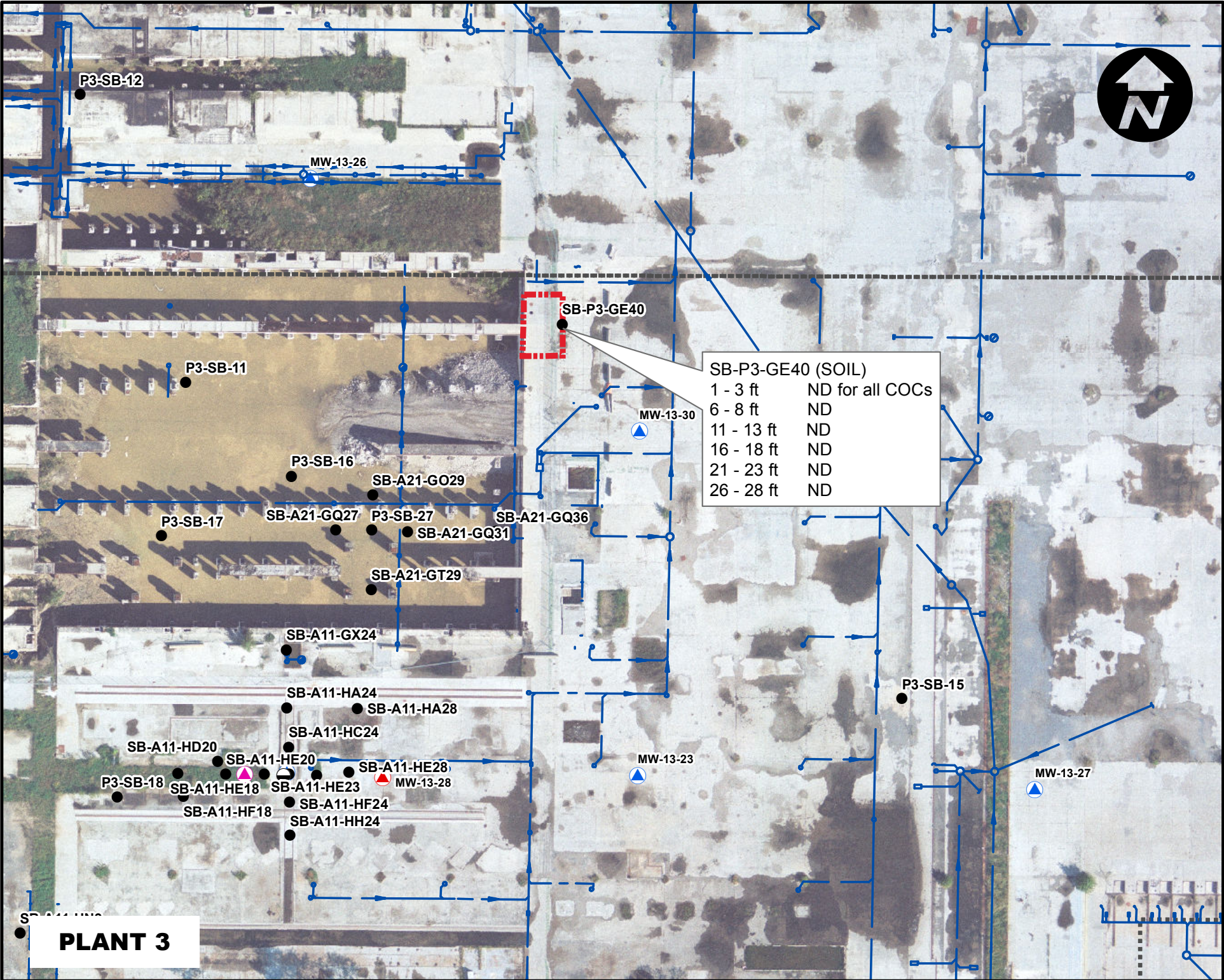
-  NEW AOI
-  FORMER BUILDING LAYOUT

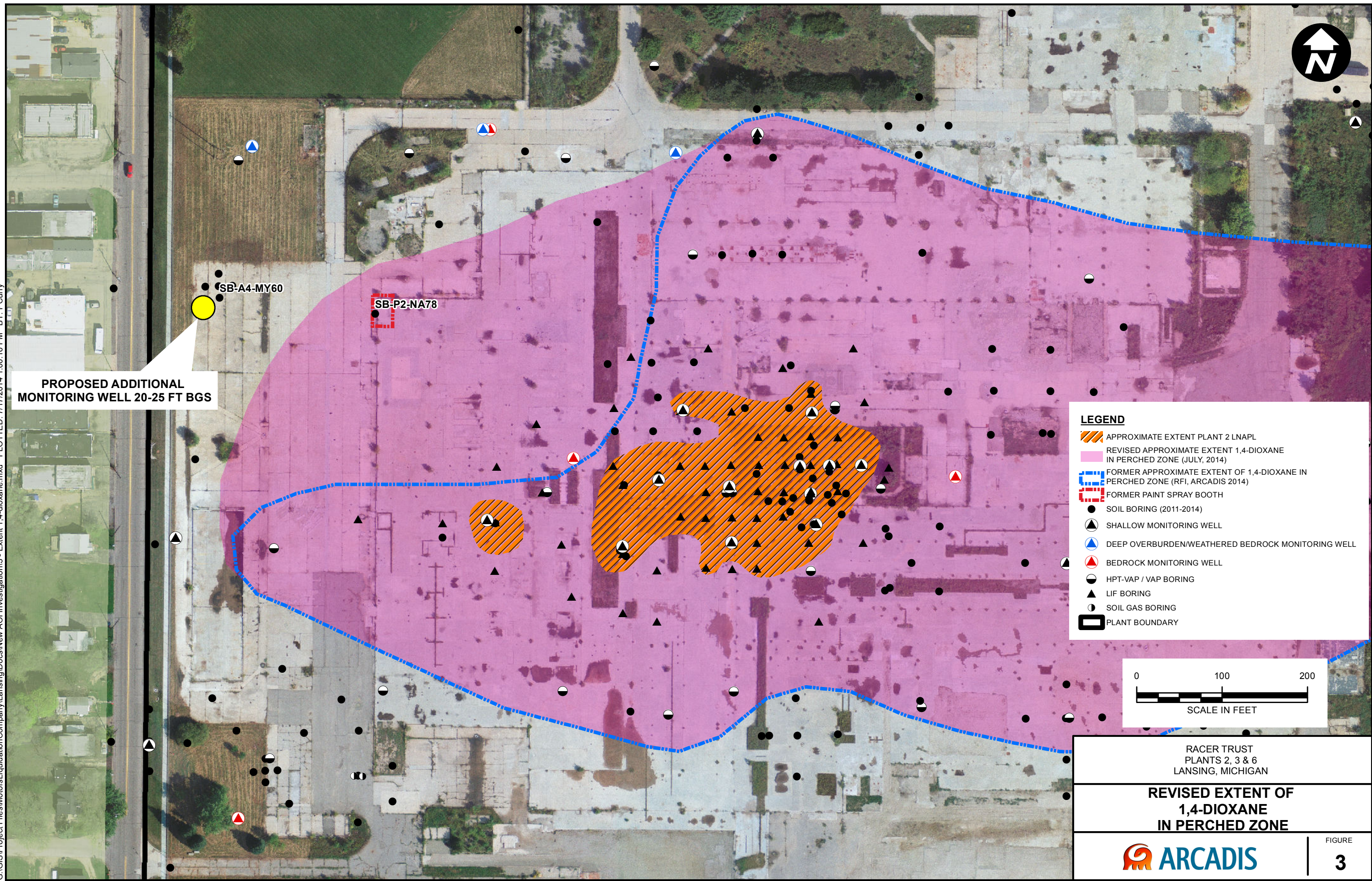


RACER TRUST  
PLANTS 2, 3 & 6  
LANSING, MICHIGAN

**NEW AREA OF CONCERN  
LOCATION MAP**









**Attachment 1**

Boring Logs

|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                              |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start:</b> 6/24/2014<br><b>Date Finish:</b> 6/24/2014<br><b>Drilling Company:</b> PM Environmental<br><b>Driller's Name:</b> S.Stelter<br><b>Drilling Method:</b> Geoprobe/Hand Auger<br><b>Sampling Method:</b> Dual Tube<br><b>Rig Type:</b> Geoprobe<br><b>Water Level Start (ft. bgs.):</b> NA<br><b>Water Level Finish (ft. btoc.):</b> NA | <b>Northing:</b><br><b>Easting:</b><br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth (ft. bgs.):</b> 30.0' bgs<br><b>Surface Elevation:</b><br><br><b>Descriptions By:</b> A.Westhuis | <b>Well/Boring ID:</b> SB-P2-NA78<br><br><b>Client:</b> RACER<br><br><b>Location:</b> RACER Lansing Plant 2<br><br><b>Weather Conditions:</b> Rain ~70 F |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

| DEPTH (feet bgs.) | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Analytical Sample | Geologic Column | Stratigraphic Description                                                                                                                                                                                      | Water Level (ft. bgs.) | Well/Boring Construction |
|-------------------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|
| 0                 | 0         |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 1.6               |           | 1                 | 0.0-5.0         | 5.0             |                     |                   |                 | (0.0'-1.0') CONCRETE.                                                                                                                                                                                          |                        |                          |
| 2.2               |           |                   |                 |                 |                     |                   |                 | (1.0'-2.0') SAND, fine grained, trace granules to small pebbles, subround; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/6).                                                                  |                        |                          |
| 1.4               |           |                   |                 |                 |                     |                   |                 | (2.0'-8.0') CLAY, some silt, high plasticity, no dilatancy; trace very fine sand, subround; moist; stiff; gray (10YR 6/1).                                                                                     |                        |                          |
| 1.1               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 1.0               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.1               |           | 2                 | 5.0-10.0        | 5.0             |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.2               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.3               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.1               |           |                   |                 |                 |                     |                   |                 | (8.0'-24.0') CLAY, some silt, medium plasticity, no dilatancy; trace to little very fine to fine sand, trace granules to medium pebbles, subround; moist; stiff; grayish brown (10YR 5/2). NOTE: Glacial Till. |                        |                          |
| 0.0               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.1               |           | 3                 | 10.0-15.0       | 5.0             |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.0               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.0               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |
| 0.1               |           |                   |                 |                 |                     |                   |                 |                                                                                                                                                                                                                |                        |                          |

|                                                                                    |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface<br>Groundwater encountered from 24.0' - 25.0' bgs.<br>No odor or staining observed. |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                              |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start:</b> 6/24/2014<br><b>Date Finish:</b> 6/24/2014<br><b>Drilling Company:</b> PM Environmental<br><b>Driller's Name:</b> S.Stelter<br><b>Drilling Method:</b> Geoprobe/Hand Auger<br><b>Sampling Method:</b> Dual Tube<br><b>Rig Type:</b> Geoprobe<br><b>Water Level Start (ft. bgs.):</b> NA<br><b>Water Level Finish (ft. btoc.):</b> NA | <b>Northing:</b><br><b>Easting:</b><br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth (ft. bgs.):</b> 30.0' bgs<br><b>Surface Elevation:</b><br><br><b>Descriptions By:</b> A.Westhuis | <b>Well/Boring ID:</b> SB-P2-NA78<br><br><b>Client:</b> RACER<br><br><b>Location:</b> RACER Lansing Plant 2<br><br><b>Weather Conditions:</b> Rain ~70 F |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

| DEPTH (feet bgs.) | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Analytical Sample | Geologic Column | Stratigraphic Description                                                                                                                                                      | Water Level (ft. bgs.) | Well/Boring Construction |
|-------------------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|
| -15               | -15       |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           | 4                 | 15.0-20.0       | 5.0             | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.1                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
| -20               | -20       |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           | 5                 | 20.0-25.0       | 5.0             | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.1                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
| -25               | -25       |                   |                 |                 | 0.0                 |                   |                 | (24.0'-25.0') SAND, fine to medium, trace granules to small pebbles, subangular; little silt; poorly sorted; wet; dark gray (10YR 4/1).                                        |                        |                          |
|                   |           | 6                 | 25.0-30.0       | 5.0             | 0.0                 |                   |                 | (25.0'-30.0') CLAY, some silt, medium plasticity, no dilatancy; trace fine sand, trace granules to large pebbles, subround; moist; stiff; gray (10YR 5/1). NOTE: Glacial Till. |                        |                          |
|                   |           |                   |                 |                 | 0.1                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.1                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                |                        |                          |
| -30               | -30       |                   |                 |                 | 0.0                 |                   |                 | End of boring at 30.0' bgs.                                                                                                                                                    |                        |                          |

|                                                                                    |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface<br>Groundwater encountered from 24.0' - 25.0' bgs.<br>No odor or staining observed. |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|

**Well/Boring ID:** SB-P3-GE40

**Client:** RACER

**Location:** RACER Lansing Plant 3

**Weather Conditions:** Rain ~70 F

|                                                                                    |                                                                                                                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Remarks:</b> bgs = below ground surface<br/>No groundwater encountered.<br/>No odor or staining observed.</p> |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                              |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start:</b> 6/24/2014<br><b>Date Finish:</b> 6/24/2014<br><b>Drilling Company:</b> PM Environmental<br><b>Driller's Name:</b> S.Stelter<br><b>Drilling Method:</b> Geoprobe/Hand Auger<br><b>Sampling Method:</b> Dual Tube<br><b>Rig Type:</b> Geoprobe<br><b>Water Level Start (ft. bgs.):</b> NA<br><b>Water Level Finish (ft. btoc.):</b> NA | <b>Northing:</b><br><b>Easting:</b><br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth (ft. bgs.):</b> 30.0' bgs<br><b>Surface Elevation:</b><br><br><b>Descriptions By:</b> A.Westhuis | <b>Well/Boring ID:</b> SB-P3-GE40<br><br><b>Client:</b> RACER<br><br><b>Location:</b> RACER Lansing Plant 3<br><br><b>Weather Conditions:</b> Rain ~70 F |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

| DEPTH (feet bgs.) | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Analytical Sample | Geologic Column | Stratigraphic Description                                                                                                                                                                   | Water Level (ft. bgs.) | Well/Boring Construction |
|-------------------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|
| -15               | -15       | 4                 | 13.0-15.0       | 2.0             | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           | 5                 | 15.0-18.0       | 2.0             | 0.0                 |                   |                 | (16.0'-19.0') CLAY and SILT, low to non-plastic, no dilatancy; little very fine sand, trace granules to small pebbles, subround; dry to moist; very stiff; dark yellowish brown (10YR 4/4). |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           | 6                 | 18.0-20.0       | 2.0             | 0.0                 |                   |                 | (19.0'-30.0') SAND, very fine to fine, subround; trace to little silt; well sorted; dry to moist; yellow (10YR 7/3).                                                                        |                        |                          |
| -20               | -20       |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           | 7                 | 20.0-25.0       | 3.0             | 0.1                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
| -25               | -25       |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           | 8                 | 25.0-30.0       | 5.0             | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
| -30               | -30       |                   |                 |                 | 0.0                 |                   |                 |                                                                                                                                                                                             |                        |                          |
|                   |           |                   |                 |                 |                     |                   |                 | End of boring at 30.0' bgs.                                                                                                                                                                 |                        |                          |

|                                                                                    |                                                                                                            |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface<br>No groundwater encountered.<br>No odor or staining observed. |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|



**Attachment 2**

Laboratory Analytical Report



## Analytical Laboratory Report

Report ID: S61629.01(01)  
Generated on 07/07/2014

### Report to

Attention: Randy Christensen  
Arcadis  
10559 Citation Drive  
Suite 100  
Brighton, MI 48116

Phone: 810-225-1940 FAX: 810-229-8837  
Email: Randy.Christensen@arcadis-us.com

Additional Contacts: Cordelia Swegal

### Report produced by

Merit Laboratories, Inc.  
2680 East Lansing Drive  
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

### Contacts for report questions:

Kevin George (kgeorge@meritlabs.com)  
Barbara Ball (bball@meritlabs.com)

### Report Summary

Lab Sample ID(s): S61629.01-S61629.07  
Project: RACER Lansing / Lansing, MI  
Collected Date: 06/24/2014  
Submitted Date/Time: 06/24/2014 16:36  
Sampled by: Austin Westhuis  
P.O. #: B0064480.0014.00102

### Report Notes

Results relate only to items tested as received by the laboratory.  
Methods may be modified for improved performance.  
Results reported on a dry weight basis where applicable.  
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).  
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.  
Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc..

### Laboratory Certifications:

Michigan DNRE (#9956), DOD/ISO 17025 (#69699), WBENC (#2005110032), Ohio EPA (#CL0002)  
IN Drinking Water (#C-MI-07), NELAC NY (#11814), NCDENR (#680), NC Drinking Water (#26702)  
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak  
Laboratory Director



## Analytical Laboratory Report

### Sample Summary (7 samples)

| Sample ID | Sample Tag              | Matrix   | Collected Date/Time |
|-----------|-------------------------|----------|---------------------|
| S61629.01 | SB-P3-GE40(1-3)062414   | Soil     | 06/24/2014 11:05    |
| S61629.02 | SB-P3-GE40(6-8)062414   | Soil     | 06/24/2014 11:20    |
| S61629.03 | SB-P3-GE40(11-13)062414 | Soil     | 06/24/2014 11:25    |
| S61629.04 | SB-P3-GE40(16-18)062414 | Soil     | 06/24/2014 11:30    |
| S61629.05 | SB-P3-GE40(21-23)062414 | Soil     | 06/24/2014 11:55    |
| S61629.06 | SB-P3-GE40(26-28)062414 | Soil     | 06/24/2014 12:25    |
| S61629.07 | Trip Blank - 1          | Methanol | 06/24/2014 00:01    |



# Analytical Laboratory Report

Lab Sample ID: S61629.01

Sample Tag: SB-P3-GE40(1-3)062414

Collected Date/Time: 06/24/2014 11:05

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 95 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 00:57 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 00:57 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 00:57 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 00:57 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 00:57 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 00:57 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61629.01 (continued)

Sample Tag: SB-P3-GE40(1-3)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 00:57 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 00:57 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 00:57 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 00:57 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 00:57 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 15:28 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 550 | 5035/8260B    | 06/26/14 15:23 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 550 | 5035/8260B    | 06/26/14 15:23 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 550 | 5035/8260B    | 06/26/14 15:23 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 15:23 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.01 (continued)

Sample Tag: SB-P3-GE40(1-3)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 550 | 5035/8260B | 06/26/14 15:23 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 550 | 5035/8260B | 06/26/14 15:23 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 15:23 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 15:23 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.02

Sample Tag: SB-P3-GE40(6-8)062414

Collected Date/Time: 06/24/2014 11:20

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 89 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:20 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:20 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:20 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:20 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:20 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:20 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61629.02 (continued)

Sample Tag: SB-P3-GE40(6-8)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:20 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:20 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:20 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:20 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:20 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 15:47 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 640 | 5035/8260B    | 06/26/14 15:44 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 640 | 5035/8260B    | 06/26/14 15:44 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 640 | 5035/8260B    | 06/26/14 15:44 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 15:44 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.02 (continued)

Sample Tag: SB-P3-GE40(6-8)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 640 | 5035/8260B | 06/26/14 15:44 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 640 | 5035/8260B | 06/26/14 15:44 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 15:44 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 15:44 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.03  
Sample Tag: SB-P3-GE40(11-13)062414  
Collected Date/Time: 06/24/2014 11:25  
Matrix: Soil  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

## Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

## Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 88 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

## Organics - Semi-Volatiles

### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:48 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:48 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:48 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:48 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 02:48 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 02:48 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61629.03 (continued)  
Sample Tag: SB-P3-GE40(11-13)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:48 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:48 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:48 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 02:48 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 02:48 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 16:05 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 630 | 5035/8260B    | 06/26/14 16:05 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 630 | 5035/8260B    | 06/26/14 16:05 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 630 | 5035/8260B    | 06/26/14 16:05 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:05 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.03 (continued)  
Sample Tag: SB-P3-GE40(11-13)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 630 | 5035/8260B | 06/26/14 16:05 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 630 | 5035/8260B | 06/26/14 16:05 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 16:05 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:05 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.04  
Sample Tag: SB-P3-GE40(16-18)062414  
Collected Date/Time: 06/24/2014 11:30  
Matrix: Soil  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

## Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

## Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 94 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

## Organics - Semi-Volatiles

### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:15 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:15 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:15 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:15 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:15 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:15 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61629.04 (continued)  
Sample Tag: SB-P3-GE40(16-18)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:15 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:15 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:15 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:15 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:15 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 16:23 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 580 | 5035/8260B    | 06/26/14 16:25 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 580 | 5035/8260B    | 06/26/14 16:25 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 580 | 5035/8260B    | 06/26/14 16:25 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:25 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.04 (continued)  
Sample Tag: SB-P3-GE40(16-18)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 580 | 5035/8260B | 06/26/14 16:25 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 580 | 5035/8260B | 06/26/14 16:25 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 16:25 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:25 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.05  
Sample Tag: SB-P3-GE40(21-23)062414  
Collected Date/Time: 06/24/2014 11:55  
Matrix: Soil  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

## Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

## Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 96 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

## Organics - Semi-Volatiles

### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:43 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 03:43 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 03:43 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61629.05 (continued)  
Sample Tag: SB-P3-GE40(21-23)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:43 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:43 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:43 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 03:43 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 03:43 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 16:41 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 560 | 5035/8260B    | 06/26/14 16:46 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 560 | 5035/8260B    | 06/26/14 16:46 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 560 | 5035/8260B    | 06/26/14 16:46 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 06/26/14 16:46 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.05 (continued)  
Sample Tag: SB-P3-GE40(21-23)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 560 | 5035/8260B | 06/26/14 16:46 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 560 | 5035/8260B | 06/26/14 16:46 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 16:46 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 06/26/14 16:46 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.06

Sample Tag: SB-P3-GE40(26-28)062414

Collected Date/Time: 06/24/2014 12:25

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 97 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:10 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:10 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:10 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61629.06 (continued)  
Sample Tag: SB-P3-GE40(26-28)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:10 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:10 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:10 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:10 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:10 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 16:59 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 550 | 5035/8260B    | 06/26/14 17:28 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 550 | 5035/8260B    | 06/26/14 17:28 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 550 | 5035/8260B    | 06/26/14 17:28 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 50  | 5035/8260B    | 06/26/14 17:28 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.06 (continued)  
Sample Tag: SB-P3-GE40(26-28)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 550 | 5035/8260B | 06/26/14 17:28 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 550 | 5035/8260B | 06/26/14 17:28 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 17:28 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:28 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61629.07  
Sample Tag: Trip Blank - 1  
Collected Date/Time: 06/24/2014 00:01  
Matrix: Methanol  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Organics - Volatiles

|             |              |       |     |               |                |     |          |  |
|-------------|--------------|-------|-----|---------------|----------------|-----|----------|--|
| 1,4-Dioxane | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 17:18 | WAT | 123-91-1 |  |
|-------------|--------------|-------|-----|---------------|----------------|-----|----------|--|

### TCL Volatile Organics HighLevl 5035/8260

|                                       |              |       |     |            |                |     |            |  |
|---------------------------------------|--------------|-------|-----|------------|----------------|-----|------------|--|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 76-13-1    |  |
| Acetone                               | Not detected | ug/kg | 500 | 5035/8260B | 06/26/14 17:49 | WAT | 67-64-1    |  |
| Carbon disulfide                      | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-15-0    |  |
| Methyl Acetate                        | Not detected | ug/kg | 500 | 5035/8260B | 06/26/14 17:49 | WAT | 79-20-9    |  |
| tert-Methyl butyl ether (MTBE)        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 1634-04-4  |  |
| 2-Butanone (MEK)                      | Not detected | ug/kg | 500 | 5035/8260B | 06/26/14 17:49 | WAT | 78-93-3    |  |
| Dichlorodifluoromethane               | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-71-8    |  |
| Chloromethane                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 74-87-3    |  |
| Vinyl chloride                        | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-01-4    |  |
| Bromomethane                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 74-83-9    |  |
| Chloroethane                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-00-3    |  |
| Trichlorofluoromethane                | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-69-4    |  |
| 1,1-Dichloroethene                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-35-4    |  |
| Methylene chloride                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-09-2    |  |
| trans-1,2-Dichloroethene              | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 156-60-5   |  |
| 1,1-Dichloroethane                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-34-3    |  |
| cis-1,2-Dichloroethene                | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 156-59-2   |  |
| Chloroform                            | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 67-66-3    |  |
| 1,1,1-Trichloroethane                 | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 71-55-6    |  |
| Cyclohexane                           | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 110-82-7   |  |
| 4-Methyl-2-pentanone (MIBK)           | Not detected | ug/kg | 500 | 5035/8260B | 06/26/14 17:49 | WAT | 108-10-1   |  |
| 2-Hexanone                            | Not detected | ug/kg | 500 | 5035/8260B | 06/26/14 17:49 | WAT | 591-78-6   |  |
| Carbon tetrachloride                  | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 56-23-5    |  |
| Benzene                               | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 71-43-2    |  |
| 1,2-Dichloroethane                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 107-06-2   |  |
| Trichloroethene                       | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 79-01-6    |  |
| 1,2-Dichloropropane                   | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 78-87-5    |  |
| Bromodichloromethane                  | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 75-27-4    |  |
| Methyl cyclohexane                    | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 108-87-2   |  |
| cis-1,3-Dichloropropene               | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 10061-01-5 |  |
| Toluene                               | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 108-88-3   |  |
| trans-1,3-Dichloropropene             | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 10061-02-6 |  |
| 1,1,2-Trichloroethane                 | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 79-00-5    |  |
| Tetrachloroethene                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 127-18-4   |  |
| Dibromochloromethane                  | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 124-48-1   |  |
| 1,2-Dibromoethane                     | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 106-93-4   |  |
| Chlorobenzene                         | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 108-90-7   |  |
| 1,1,2,2-Tetrachloroethane             | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 79-34-5    |  |
| Ethylbenzene                          | Not detected | ug/kg | 50  | 5035/8260B | 06/26/14 17:49 | WAT | 100-41-4   |  |
| p,m-Xylene                            | Not detected | ug/kg | 100 | 5035/8260B | 06/26/14 17:49 | WAT |            |  |

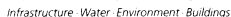


# Analytical Laboratory Report

Lab Sample ID: S61629.07 (continued)

Sample Tag: Trip Blank - 1

| Analysis                                                    | Results      | Units | RL | Method     | Run Date/Time  | Analyst | CAS #    | Flags |
|-------------------------------------------------------------|--------------|-------|----|------------|----------------|---------|----------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |    |            |                |         |          |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |    |            |                |         |          |       |
| o-Xylene                                                    | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 95-47-6  |       |
| Styrene                                                     | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 100-42-5 |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 98-82-8  |       |
| Bromoform                                                   | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 75-25-2  |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 541-73-1 |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 106-46-7 |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 95-50-1  |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 96-12-8  |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 50 | 5035/8260B | 06/26/14 17:49 | WAT     | 120-82-1 |       |



ID#:

## CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order #

[illegible]



## Analytical Laboratory Report

Report ID: S61630.01(01)  
Generated on 07/07/2014

### Report to

Attention: Randy Christensen  
Arcadis  
10559 Citation Drive  
Suite 100  
Brighton, MI 48116

Phone: 810-225-1940 FAX: 810-229-8837  
Email: Randy.Christensen@arcadis-us.com

Additional Contacts: Cordelia Swegal

### Report produced by

Merit Laboratories, Inc.  
2680 East Lansing Drive  
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

### Contacts for report questions:

Kevin George (kgeorge@meritlabs.com)  
Barbara Ball (bball@meritlabs.com)

### Report Summary

Lab Sample ID(s): S61630.01-S61630.08  
Project: RACER Lansing / Lansing, MI  
Collected Date: 06/24/2014  
Submitted Date/Time: 06/24/2014 16:36  
Sampled by: Austin Westhuis  
P.O. #: B0064479.0014.00102

### Report Notes

Results relate only to items tested as received by the laboratory.  
Methods may be modified for improved performance.  
Results reported on a dry weight basis where applicable.  
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).  
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.  
Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc..

### Laboratory Certifications:

Michigan DNRE (#9956), DOD/ISO 17025 (#69699), WBENC (#2005110032), Ohio EPA (#CL0002)  
IN Drinking Water (#C-MI-07), NELAC NY (#11814), NCDENR (#680), NC Drinking Water (#26702)  
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak  
Laboratory Director



## Analytical Laboratory Report

### Sample Summary (8 samples)

| Sample ID | Sample Tag              | Matrix | Collected Date/Time |
|-----------|-------------------------|--------|---------------------|
| S61630.01 | SB-P2-NA78(1-3)062414   | Soil   | 06/24/2014 14:30    |
| S61630.02 | SB-P2-NA78(6-8)062414   | Soil   | 06/24/2014 14:50    |
| S61630.03 | SB-P2-NA78(11-13)062414 | Soil   | 06/24/2014 14:55    |
| S61630.04 | SB-P2-NA78(16-18)062414 | Soil   | 06/24/2014 15:05    |
| S61630.05 | SB-P2-NA78(21-23)062414 | Soil   | 06/24/2014 15:10    |
| S61630.06 | SB-P2-NA78(28-30)062414 | Soil   | 06/24/2014 15:20    |
| S61630.07 | SB-P2-NA78(22-25)062414 | Water  | 06/24/2014 15:45    |
| S61630.08 | Trip Blank - 2          | Water  | 06/24/2014 00:01    |



# Analytical Laboratory Report

Lab Sample ID: S61630.01

Sample Tag: SB-P2-NA78(1-3)062414

Collected Date/Time: 06/24/2014 14:30

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 88 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:38 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:38 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:38 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:38 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 04:38 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 04:38 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61630.01 (continued)

Sample Tag: SB-P2-NA78(1-3)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:38 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:38 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:38 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 04:38 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 04:38 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 17:36 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 660 | 5035/8260B    | 07/02/14 15:03 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 660 | 5035/8260B    | 07/02/14 15:03 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 660 | 5035/8260B    | 07/02/14 15:03 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:03 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.01 (continued)

Sample Tag: SB-P2-NA78(1-3)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 660 | 5035/8260B | 07/02/14 15:03 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 660 | 5035/8260B | 07/02/14 15:03 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 07/02/14 15:03 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:03 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.02  
Sample Tag: SB-P2-NA78(6-8)062414  
Collected Date/Time: 06/24/2014 14:50  
Matrix: Soil  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

## Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

## Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 84 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

## Organics - Semi-Volatiles

### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:06 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:06 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:06 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:06 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:06 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:06 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61630.02 (continued)

Sample Tag: SB-P2-NA78(6-8)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:06 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:06 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:06 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:06 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:06 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 17:55 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 700 | 5035/8260B    | 07/02/14 15:23 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 700 | 5035/8260B    | 07/02/14 15:23 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 700 | 5035/8260B    | 07/02/14 15:23 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 15:23 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.02 (continued)

Sample Tag: SB-P2-NA78(6-8)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 700 | 5035/8260B | 07/02/14 15:23 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 700 | 5035/8260B | 07/02/14 15:23 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 07/02/14 15:23 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 15:23 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.03

Sample Tag: SB-P2-NA78(11-13)062414

Collected Date/Time: 06/24/2014 14:55

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 89 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:33 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:33 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:33 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:33 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 05:33 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 05:33 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61630.03 (continued)  
Sample Tag: SB-P2-NA78(11-13)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:33 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:33 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:33 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 05:33 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 05:33 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 18:14 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 600 | 5035/8260B    | 07/02/14 15:44 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 600 | 5035/8260B    | 07/02/14 15:44 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 600 | 5035/8260B    | 07/02/14 15:44 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 74-83-9    |       |
| Chloroethane                                    | 90           | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 15:44 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.03 (continued)  
Sample Tag: SB-P2-NA78(11-13)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | 100          | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | 100          | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 600 | 5035/8260B | 07/02/14 15:44 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 600 | 5035/8260B | 07/02/14 15:44 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 07/02/14 15:44 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 15:44 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.04  
Sample Tag: SB-P2-NA78(16-18)062414  
Collected Date/Time: 06/24/2014 15:05  
Matrix: Soil  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

## Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

## Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 88 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

## Organics - Semi-Volatiles

### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:01 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:01 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:01 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:01 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:01 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:01 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61630.04 (continued)  
Sample Tag: SB-P2-NA78(16-18)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:01 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:01 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:01 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:01 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:01 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 18:32 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 630 | 5035/8260B    | 07/02/14 16:05 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 630 | 5035/8260B    | 07/02/14 16:05 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 630 | 5035/8260B    | 07/02/14 16:05 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 74-83-9    |       |
| Chloroethane                                    | 80           | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:05 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.04 (continued)  
Sample Tag: SB-P2-NA78(16-18)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | 220          | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 630 | 5035/8260B | 07/02/14 16:05 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 630 | 5035/8260B | 07/02/14 16:05 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 07/02/14 16:05 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:05 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.05

Sample Tag: SB-P2-NA78(21-23)062414

Collected Date/Time: 06/24/2014 15:10

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 83 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:28 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:28 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:28 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:28 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:28 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:28 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61630.05 (continued)  
Sample Tag: SB-P2-NA78(21-23)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:28 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:28 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:28 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:28 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:28 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 18:50 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 700 | 5035/8260B    | 07/02/14 16:24 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 700 | 5035/8260B    | 07/02/14 16:24 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 700 | 5035/8260B    | 07/02/14 16:24 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 70  | 5035/8260B    | 07/02/14 16:24 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.05 (continued)  
Sample Tag: SB-P2-NA78(21-23)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 700 | 5035/8260B | 07/02/14 16:24 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 700 | 5035/8260B | 07/02/14 16:24 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 07/02/14 16:24 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 70  | 5035/8260B | 07/02/14 16:24 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.06

Sample Tag: SB-P2-NA78(28-30)062414

Collected Date/Time: 06/24/2014 15:20

Matrix: Soil

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | MeOH            | Yes           | 7.1               | IR            |
| 1 | 4oz Glass  | None            | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                |           |  |  |         |                |     |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|
| BNA Extraction | Completed |  |  | SW3550C | 06/26/14 20:48 | EMR |  |  |
|----------------|-----------|--|--|---------|----------------|-----|--|--|

### Inorganics

|              |    |   |   |              |                |     |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|
| Total Solids | 90 | % | 1 | Std M 2540 B | 06/26/14 18:25 | ASB |  |  |
|--------------|----|---|---|--------------|----------------|-----|--|--|

### Organics - Semi-Volatiles

#### TCL Semi-Volatile Organics

|                             |              |       |     |         |                |    |           |  |
|-----------------------------|--------------|-------|-----|---------|----------------|----|-----------|--|
| Acenaphthene                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 83-32-9   |  |
| Acenaphthylene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 208-96-8  |  |
| Acetophenone                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 98-86-2   |  |
| Anthracene                  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 120-12-7  |  |
| Atrazine                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 1912-24-9 |  |
| 1,1'-Biphenyl               | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 92-52-4   |  |
| 4-Bromophenyl phenyl ether  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 101-55-3  |  |
| di-n-Butyl phthalate        | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:56 | PL | 84-74-2   |  |
| Benzaldehyde                | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:56 | PL | 100-52-7  |  |
| Benzo(a)anthracene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 56-55-3   |  |
| Benzo(a)pyrene              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 50-32-8   |  |
| Benzo(b)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 205-99-2  |  |
| Benzo(ghi)perylene          | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:56 | PL | 191-24-2  |  |
| Benzo(k)fluoranthene        | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 207-08-9  |  |
| Butyl benzyl phthalate      | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:56 | PL | 85-68-7   |  |
| 2-Chloronaphthalene         | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 91-58-7   |  |
| 2-Chlorophenol              | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 95-57-8   |  |
| 4-Chloro-3-methylphenol     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 59-50-7   |  |
| 4-Chloroaniline             | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 106-47-8  |  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 7005-72-3 |  |
| Caprolactam                 | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 105-60-2  |  |
| Carbazole                   | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 86-74-8   |  |
| bis(2-Chloroethoxy)methane  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 111-91-1  |  |
| bis(2-Chloroethyl)ether     | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 111-44-4  |  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 108-60-1  |  |
| Chrysene                    | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 218-01-9  |  |
| 2,4-Dichlorophenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 120-83-2  |  |
| 2,4-Dimethylphenol          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 105-67-9  |  |
| 2,4-Dinitrophenol           | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 51-28-5   |  |
| 2,4-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 121-14-2  |  |
| 2,6-Dinitrotoluene          | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 606-20-2  |  |
| 3,3'-Dichlorobenzidine      | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 91-94-1   |  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 534-52-1  |  |
| Dibenzo(ah)anthracene       | Not detected | ug/kg | 200 | SW8270C | 07/03/14 06:56 | PL | 53-70-3   |  |
| Dibenzofuran                | Not detected | ug/kg | 100 | SW8270C | 07/03/14 06:56 | PL | 132-64-9  |  |



# Analytical Laboratory Report

Lab Sample ID: S61630.06 (continued)  
Sample Tag: SB-P2-NA78(28-30)062414

| Analysis                                        | Results      | Units | RL  | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------|--------------|-------|-----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>    |              |       |     |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b>   |              |       |     |               |                |         |            |       |
| Diethyl phthalate                               | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:56 | PL      | 84-66-2    |       |
| Dimethyl phthalate                              | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 131-11-3   |       |
| bis(2-Ethylhexyl)phthalate                      | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:56 | PL      | 117-81-7   |       |
| Fluoranthene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 206-44-0   |       |
| Fluorene                                        | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 86-73-7    |       |
| Hexachlorobenzene                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 118-74-1   |       |
| Hexachlorobutadiene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 77-47-4    |       |
| Hexachloroethane                                | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 193-39-5   |       |
| Isophorone                                      | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                             | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 91-57-6    |       |
| 2-Methylphenol                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                              | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:56 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                  | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                   | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                       | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 86-30-6    |       |
| Naphthalene                                     | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 91-20-3    |       |
| Nitrobenzene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                            | Not detected | ug/kg | 200 | SW8270C       | 07/03/14 06:56 | PL      | 117-84-0   |       |
| Pentachlorophenol                               | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 87-86-5    |       |
| Phenanthrene                                    | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 85-01-8    |       |
| Phenol                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 108-95-2   |       |
| Pyrene                                          | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                           | Not detected | ug/kg | 100 | SW8270C       | 07/03/14 06:56 | PL      | 88-06-2    |       |
| <b>Organics - Volatiles</b>                     |              |       |     |               |                |         |            |       |
| 1,4-Dioxane                                     | Not detected | ug/kg | 300 | SW8260B - SIM | 07/02/14 19:08 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics HighLevl 5035/8260</b> |              |       |     |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane           | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 76-13-1    |       |
| Acetone                                         | Not detected | ug/kg | 610 | 5035/8260B    | 07/02/14 16:45 | WAT     | 67-64-1    |       |
| Carbon disulfide                                | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-15-0    |       |
| Methyl Acetate                                  | Not detected | ug/kg | 610 | 5035/8260B    | 07/02/14 16:45 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                  | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                                | Not detected | ug/kg | 610 | 5035/8260B    | 07/02/14 16:45 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                         | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-71-8    |       |
| Chloromethane                                   | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 74-87-3    |       |
| Vinyl chloride                                  | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-01-4    |       |
| Bromomethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 74-83-9    |       |
| Chloroethane                                    | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                          | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                              | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-35-4    |       |
| Methylene chloride                              | Not detected | ug/kg | 60  | 5035/8260B    | 07/02/14 16:45 | WAT     | 75-09-2    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.06 (continued)  
Sample Tag: SB-P2-NA78(28-30)062414

| Analysis                                                    | Results      | Units | RL  | Method     | Run Date/Time  | Analyst | CAS #      | Flags |
|-------------------------------------------------------------|--------------|-------|-----|------------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>                     |              |       |     |            |                |         |            |       |
| <b>TCL Volatile Organics HighLevl 5035/8260 (continued)</b> |              |       |     |            |                |         |            |       |
| trans-1,2-Dichloroethene                                    | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                                      | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 156-59-2   |       |
| Chloroform                                                  | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 71-55-6    |       |
| Cyclohexane                                                 | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                                 | Not detected | ug/kg | 610 | 5035/8260B | 07/02/14 16:45 | WAT     | 108-10-1   |       |
| 2-Hexanone                                                  | Not detected | ug/kg | 610 | 5035/8260B | 07/02/14 16:45 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 56-23-5    |       |
| Benzene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 107-06-2   |       |
| Trichloroethene                                             | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 78-87-5    |       |
| Bromodichloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                                          | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 10061-01-5 |       |
| Toluene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                                       | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 79-00-5    |       |
| Tetrachloroethene                                           | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 127-18-4   |       |
| Dibromochloromethane                                        | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 124-48-1   |       |
| 1,2-Dibromoethane                                           | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 106-93-4   |       |
| Chlorobenzene                                               | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 79-34-5    |       |
| Ethylbenzene                                                | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 100-41-4   |       |
| p,m-Xylene                                                  | Not detected | ug/kg | 100 | 5035/8260B | 07/02/14 16:45 | WAT     |            |       |
| o-Xylene                                                    | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 95-47-6    |       |
| Styrene                                                     | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 100-42-5   |       |
| Isopropylbenzene                                            | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 98-82-8    |       |
| Bromoform                                                   | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                                         | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 95-50-1    |       |
| 1,2-Dibromo-3-chloropropane                                 | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 96-12-8    |       |
| 1,2,4-Trichlorobenzene                                      | Not detected | ug/kg | 60  | 5035/8260B | 07/02/14 16:45 | WAT     | 120-82-1   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.07

Sample Tag: SB-P2-NA78(22-25)062414

Collected Date/Time: 06/24/2014 15:45

Matrix: Water

COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 3 | 40ml Glass | HCL             | Yes           | 7.1               | IR            |
| 1 | 1L Amber   | None            | Yes           | 7.1               | IR            |

| Analysis                  | Results   | Units     | RL | Method  | Run Date/Time  | Analyst | CAS # | Flags |
|---------------------------|-----------|-----------|----|---------|----------------|---------|-------|-------|
| <b>Extraction / Prep.</b> |           |           |    |         |                |         |       |       |
| BNA Extraction            | Completed |           |    | SW3510C | 06/26/14 22:20 | EMR     |       |       |
| pH check for VOCs         | <2        | STD Units |    | N/A     | 06/30/14 12:40 | LBR     |       |       |

## Organics - Semi-Volatiles

### TCL Semi-Volatile Organics

|                             |              |      |   |         |                |    |           |
|-----------------------------|--------------|------|---|---------|----------------|----|-----------|
| Acenaphthene                | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 83-32-9   |
| Acenaphthylene              | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 208-96-8  |
| Acetophenone                | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 98-86-2   |
| Anthracene                  | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 120-12-7  |
| Atrazine                    | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 1912-24-9 |
| 1,1'-Biphenyl               | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 92-52-4   |
| 4-Bromophenyl phenyl ether  | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 101-55-3  |
| di-n-Butyl phthalate        | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 84-74-2   |
| Benzaldehyde                | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 100-52-7  |
| Benzo(a)anthracene          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 56-55-3   |
| Benzo(a)pyrene              | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 50-32-8   |
| Benzo(b)fluoranthene        | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 205-99-2  |
| Benzo(ghi)perylene          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 191-24-2  |
| Benzo(k)fluoranthene        | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 207-08-9  |
| Butyl benzyl phthalate      | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 85-68-7   |
| 2-Chloronaphthalene         | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 91-58-7   |
| 2-Chlorophenol              | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 95-57-8   |
| 4-Chloro-3-methylphenol     | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 59-50-7   |
| 4-Chloroaniline             | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 106-47-8  |
| 4-Chlorophenyl phenyl ether | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 7005-72-3 |
| Caprolactam                 | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 105-60-2  |
| Carbazole                   | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 86-74-8   |
| bis(2-Chloroethoxy)methane  | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 111-91-1  |
| bis(2-Chloroethyl)ether     | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 111-44-4  |
| bis(2-Chloroisopropyl)ether | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 108-60-1  |
| Chrysene                    | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 218-01-9  |
| 2,4-Dichlorophenol          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 120-83-2  |
| 2,4-Dimethylphenol          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 105-67-9  |
| 2,4-Dinitrophenol           | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 51-28-5   |
| 2,4-Dinitrotoluene          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 121-14-2  |
| 2,6-Dinitrotoluene          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 606-20-2  |
| 4,6-Dinitro-2-methylphenol  | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 534-52-1  |
| Dibenzo(ah)anthracene       | Not detected | ug/L | 2 | SW8270D | 07/03/14 00:02 | PL | 53-70-3   |
| Dibenzofuran                | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 132-64-9  |
| Diethyl phthalate           | Not detected | ug/L | 2 | SW8270D | 07/03/14 00:02 | PL | 84-66-2   |
| Dimethyl phthalate          | Not detected | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 131-11-3  |
| bis(2-Ethylhexyl)phthalate  | 5            | ug/L | 1 | SW8270D | 07/03/14 00:02 | PL | 117-81-7  |



# Analytical Laboratory Report

Lab Sample ID: S61630.07 (continued)  
Sample Tag: SB-P2-NA78(22-25)062414

| Analysis                                      | Results      | Units | RL | Method        | Run Date/Time  | Analyst | CAS #      | Flags |
|-----------------------------------------------|--------------|-------|----|---------------|----------------|---------|------------|-------|
| <b>Organics - Semi-Volatiles (continued)</b>  |              |       |    |               |                |         |            |       |
| <b>TCL Semi-Volatile Organics (continued)</b> |              |       |    |               |                |         |            |       |
| Fluoranthene                                  | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 206-44-0   |       |
| Fluorene                                      | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 86-73-7    |       |
| Hexachlorobutadiene                           | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 87-68-3    |       |
| Hexachlorocyclopentadiene                     | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 77-47-4    |       |
| Hexachloroethane                              | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 67-72-1    |       |
| Indeno(1,2,3-cd)pyrene                        | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 193-39-5   |       |
| Isophorone                                    | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 78-59-1    |       |
| 2-Methylnaphthalene                           | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 91-57-6    |       |
| 2-Methylphenol                                | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 95-48-7    |       |
| 3-, 4-Methylphenol                            | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 3/4-Cresol |       |
| 2-Nitroaniline                                | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 88-74-4    |       |
| 2-Nitrophenol                                 | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 88-75-5    |       |
| 3-Nitroaniline                                | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 99-09-2    |       |
| 4-Nitroaniline                                | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 100-01-6   |       |
| 4-Nitrophenol                                 | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 100-02-7   |       |
| N-Nitrosodi-n-propylamine                     | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 621-64-7   |       |
| N-Nitrosodiphenylamine                        | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 86-30-6    |       |
| Naphthalene                                   | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 91-20-3    |       |
| Nitrobenzene                                  | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 98-95-3    |       |
| di-n-Octyl phthalate                          | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 117-84-0   |       |
| Pentachlorophenol                             | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 87-86-5    |       |
| Phenanthrene                                  | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 85-01-8    |       |
| Phenol                                        | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 108-95-2   |       |
| Pyrene                                        | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 129-00-0   |       |
| 2,4,5-Trichlorophenol                         | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 95-95-4    |       |
| 2,4,6-Trichlorophenol                         | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 88-06-2    |       |
| Hexachlorobenzene                             | Not detected | ug/L  | 1  | SW8270D       | 07/03/14 00:02 | PL      | 118-74-1   |       |
| <b>Organics - Volatiles</b>                   |              |       |    |               |                |         |            |       |
| 1,4-Dioxane                                   | 40           | ug/L  | 5  | SW8260B - SIM | 06/30/14 17:09 | WAT     | 123-91-1   |       |
| <b>TCL Volatile Organics 8260</b>             |              |       |    |               |                |         |            |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane         | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 76-13-1    |       |
| Acetone                                       | Not detected | ug/L  | 10 | SW8260C       | 07/02/14 20:30 | WAT     | 67-64-1    |       |
| Carbon disulfide                              | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-15-0    |       |
| Methyl Acetate                                | Not detected | ug/L  | 10 | SW8260C       | 07/02/14 20:30 | WAT     | 79-20-9    |       |
| tert-Methyl butyl ether (MTBE)                | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 1634-04-4  |       |
| 2-Butanone (MEK)                              | Not detected | ug/L  | 10 | SW8260C       | 07/02/14 20:30 | WAT     | 78-93-3    |       |
| Dichlorodifluoromethane                       | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-71-8    |       |
| Chloromethane                                 | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 74-87-3    |       |
| Vinyl chloride                                | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-01-4    |       |
| Bromomethane                                  | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 74-83-9    |       |
| Chloroethane                                  | 2            | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-00-3    |       |
| Trichlorofluoromethane                        | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-69-4    |       |
| 1,1-Dichloroethene                            | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-35-4    |       |
| Methylene chloride                            | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-09-2    |       |
| trans-1,2-Dichloroethene                      | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 156-60-5   |       |
| 1,1-Dichloroethane                            | 3            | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 75-34-3    |       |
| cis-1,2-Dichloroethene                        | Not detected | ug/L  | 1  | SW8260C       | 07/02/14 20:30 | WAT     | 156-59-2   |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.07 (continued)  
Sample Tag: SB-P2-NA78(22-25)062414

| Analysis                                      | Results      | Units | RL | Method  | Run Date/Time  | Analyst | CAS #      | Flags |
|-----------------------------------------------|--------------|-------|----|---------|----------------|---------|------------|-------|
| <b>Organics - Volatiles (continued)</b>       |              |       |    |         |                |         |            |       |
| <b>TCL Volatile Organics 8260 (continued)</b> |              |       |    |         |                |         |            |       |
| Chloroform                                    | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 67-66-3    |       |
| 1,1,1-Trichloroethane                         | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 71-55-6    |       |
| Cyclohexane                                   | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 110-82-7   |       |
| 4-Methyl-2-pentanone (MIBK)                   | Not detected | ug/L  | 10 | SW8260C | 07/02/14 20:30 | WAT     | 108-10-1   |       |
| 2-Hexanone                                    | Not detected | ug/L  | 10 | SW8260C | 07/02/14 20:30 | WAT     | 591-78-6   |       |
| Carbon tetrachloride                          | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 56-23-5    |       |
| Benzene                                       | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 71-43-2    |       |
| 1,2-Dichloroethane                            | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 107-06-2   |       |
| Trichloroethene                               | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 79-01-6    |       |
| 1,2-Dichloropropane                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 78-87-5    |       |
| Bromodichloromethane                          | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 75-27-4    |       |
| Methyl cyclohexane                            | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 108-87-2   |       |
| cis-1,3-Dichloropropene                       | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 10061-01-5 |       |
| Toluene                                       | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 108-88-3   |       |
| trans-1,3-Dichloropropene                     | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 10061-02-6 |       |
| 1,1,2-Trichloroethane                         | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 79-00-5    |       |
| Tetrachloroethene                             | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 127-18-4   |       |
| Dibromochloromethane                          | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 124-48-1   |       |
| Chlorobenzene                                 | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 108-90-7   |       |
| 1,1,2,2-Tetrachloroethane                     | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 79-34-5    |       |
| Ethylbenzene                                  | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 100-41-4   |       |
| p,m-Xylene                                    | Not detected | ug/L  | 2  | SW8260C | 07/02/14 20:30 | WAT     |            |       |
| o-Xylene                                      | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 95-47-6    |       |
| Styrene                                       | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 100-42-5   |       |
| Isopropylbenzene                              | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 98-82-8    |       |
| Bromoform                                     | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 75-25-2    |       |
| 1,3-Dichlorobenzene                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 541-73-1   |       |
| 1,4-Dichlorobenzene                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 106-46-7   |       |
| 1,2-Dichlorobenzene                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 95-50-1    |       |
| 1,2,4-Trichlorobenzene                        | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 120-82-1   |       |
| 1,2-Dibromoethane                             | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 106-93-4   |       |
| 1,2-Dibromo-3-chloropropane                   | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:30 | WAT     | 96-12-8    |       |



# Analytical Laboratory Report

Lab Sample ID: S61630.08  
Sample Tag: Trip Blank - 2  
Collected Date/Time: 06/24/2014 00:01  
Matrix: Water  
COC Reference:

## Sample Containers

| # | Type       | Preservative(s) | Refrigerated? | Arrival Temp. (C) | Thermometer # |
|---|------------|-----------------|---------------|-------------------|---------------|
| 1 | 40ml Glass | HCL             | Yes           | 7.1               | IR            |

| Analysis | Results | Units | RL | Method | Run Date/Time | Analyst | CAS # | Flags |
|----------|---------|-------|----|--------|---------------|---------|-------|-------|
|----------|---------|-------|----|--------|---------------|---------|-------|-------|

### Extraction / Prep.

|                   |    |           |  |     |                |     |  |  |
|-------------------|----|-----------|--|-----|----------------|-----|--|--|
| pH check for VOCs | <2 | STD Units |  | N/A | 06/30/14 12:40 | LBR |  |  |
|-------------------|----|-----------|--|-----|----------------|-----|--|--|

### Organics - Volatiles

|             |              |      |   |               |                |     |          |  |
|-------------|--------------|------|---|---------------|----------------|-----|----------|--|
| 1,4-Dioxane | Not detected | ug/L | 5 | SW8260B - SIM | 06/30/14 17:27 | WAT | 123-91-1 |  |
|-------------|--------------|------|---|---------------|----------------|-----|----------|--|

### TCL Volatile Organics 8260

|                                       |              |      |    |         |                |     |            |  |
|---------------------------------------|--------------|------|----|---------|----------------|-----|------------|--|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 76-13-1    |  |
| Acetone                               | Not detected | ug/L | 10 | SW8260C | 07/02/14 20:52 | WAT | 67-64-1    |  |
| Carbon disulfide                      | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-15-0    |  |
| Methyl Acetate                        | Not detected | ug/L | 10 | SW8260C | 07/02/14 20:52 | WAT | 79-20-9    |  |
| tert-Methyl butyl ether (MTBE)        | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 1634-04-4  |  |
| 2-Butanone (MEK)                      | Not detected | ug/L | 10 | SW8260C | 07/02/14 20:52 | WAT | 78-93-3    |  |
| Dichlorodifluoromethane               | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-71-8    |  |
| Chloromethane                         | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 74-87-3    |  |
| Vinyl chloride                        | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-01-4    |  |
| Bromomethane                          | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 74-83-9    |  |
| Chloroethane                          | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-00-3    |  |
| Trichlorofluoromethane                | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-69-4    |  |
| 1,1-Dichloroethene                    | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-35-4    |  |
| Methylene chloride                    | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-09-2    |  |
| trans-1,2-Dichloroethene              | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 156-60-5   |  |
| 1,1-Dichloroethane                    | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-34-3    |  |
| cis-1,2-Dichloroethene                | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 156-59-2   |  |
| Chloroform                            | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 67-66-3    |  |
| 1,1,1-Trichloroethane                 | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 71-55-6    |  |
| Cyclohexane                           | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 110-82-7   |  |
| 4-Methyl-2-pentanone (MIBK)           | Not detected | ug/L | 10 | SW8260C | 07/02/14 20:52 | WAT | 108-10-1   |  |
| 2-Hexanone                            | Not detected | ug/L | 10 | SW8260C | 07/02/14 20:52 | WAT | 591-78-6   |  |
| Carbon tetrachloride                  | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 56-23-5    |  |
| Benzene                               | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 71-43-2    |  |
| 1,2-Dichloroethane                    | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 107-06-2   |  |
| Trichloroethene                       | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 79-01-6    |  |
| 1,2-Dichloropropane                   | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 78-87-5    |  |
| Bromodichloromethane                  | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 75-27-4    |  |
| Methyl cyclohexane                    | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 108-87-2   |  |
| cis-1,3-Dichloropropene               | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 10061-01-5 |  |
| Toluene                               | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 108-88-3   |  |
| trans-1,3-Dichloropropene             | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 10061-02-6 |  |
| 1,1,2-Trichloroethane                 | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 79-00-5    |  |
| Tetrachloroethene                     | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 127-18-4   |  |
| Dibromochloromethane                  | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 124-48-1   |  |
| Chlorobenzene                         | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 108-90-7   |  |
| 1,1,2,2-Tetrachloroethane             | Not detected | ug/L | 1  | SW8260C | 07/02/14 20:52 | WAT | 79-34-5    |  |

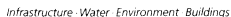


## Analytical Laboratory Report

Lab Sample ID: S61630.08 (continued)

Sample Tag: Trip Blank - 2

| Analysis                                      | Results      | Units | RL | Method  | Run Date/Time  | Analyst | CAS #    | Flags |
|-----------------------------------------------|--------------|-------|----|---------|----------------|---------|----------|-------|
| <b>Organics - Volatiles (continued)</b>       |              |       |    |         |                |         |          |       |
| <b>TCL Volatile Organics 8260 (continued)</b> |              |       |    |         |                |         |          |       |
| Ethylbenzene                                  | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 100-41-4 |       |
| p,m-Xylene                                    | Not detected | ug/L  | 2  | SW8260C | 07/02/14 20:52 | WAT     |          |       |
| o-Xylene                                      | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 95-47-6  |       |
| Styrene                                       | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 100-42-5 |       |
| Isopropylbenzene                              | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 98-82-8  |       |
| Bromoform                                     | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 75-25-2  |       |
| 1,3-Dichlorobenzene                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 541-73-1 |       |
| 1,4-Dichlorobenzene                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 106-46-7 |       |
| 1,2-Dichlorobenzene                           | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 95-50-1  |       |
| 1,2,4-Trichlorobenzene                        | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 120-82-1 |       |
| 1,2-Dibromoethane                             | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 106-93-4 |       |
| 1,2-Dibromo-3-chloropropane                   | Not detected | ug/L  | 1  | SW8260C | 07/02/14 20:52 | WAT     | 96-12-8  |       |



ID#:

## CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

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Lab Work Order #

[illegible]