October 7, 2009
Project No. 2695351-03

Preliminary Phase II Environmental Site Assessment

32-Acre Property
Sexton Avenue & Lincoln Street
Porter, Indiana

Prepared for:

Blalchly, Tabor, Bozik & Hartman, LLC
Attn.: Mr. Patrick Lyp
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Valparaiso, IN 46383

PRELIMINARY PHASE II ENVIRONMENTAL SITE ASSESSMENT
32-Acre Property
Sexton Avenue & Lincoln Street
Porter, Indiana

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1.0 INTRODUCTION

1.1 General

On behalf of Blachly, Tabor, Bozik & Hartman, LLC (BTBH), attorney for the Town of Porter, Indiana, **Weaver Boos Consultants, LLC** (Weaver Boos) has completed the following preliminary Phase II Environmental Site Assessment (ESA) of the 32 acre property located at the northwest corner of Sexton Avenue and Lincoln Street, in Porter, Indiana (the Property). Weaver Boos initiated this preliminary Phase II ESA pursuant to our Proposal No. M90307R1 dated August 10, 2009, and the written acceptance of our proposal by Mr. Patrick Lyp of BTBH received under correspondence dated September 9, 2009.

1.2 Background Information

Weaver Boos completed a Phase I ESA of the Property on behalf of the Property owner (Mr. William Blair) on July 5, 2006. Standard historical sources reviewed during the Phase I ESA indicated that the Property was initially developed in the late 1880s as a brickyard, which was operated by the Chicago Hydraulic Press Brick Company between approximately 1890 and 1925. The brick company closed in about 1925, reportedly because of a shortage of available clay materials for further brick manufacturing. Since the closure, no other historical development of the Property was found on record, and the Property has become overgrown with trees and other vegetation. Our Phase I ESA revealed no evidence of *recognized environmental conditions* in connection with the Property except as follows:

- The former presence of oil tanks west of the historic kiln area was identified for potential presence of significant petroleum contamination of soil or groundwater.

During our observations of the Property between August 3 and September 21, 2009, few intact remnants of historical structures were found. These appeared limited to small areas ground-level brick-work in several locations. Loose debris, including large sections of concrete, was observed, particularly along the southern portion of the Property. Weaver Boos also observed considerable fill material appearing to contain combustion residue such as cinders and small amounts of coal along the southern portion of the Property. A small article appearing to contain asbestos was found. Additional review of the historic maps included in our Phase I ESA indicated the former presence of an historic oil house to the east of the historic kiln area. The historic oil house was identified as an additional area of interest for the Phase II ESA.

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1.3 Purpose for Phase II ESA

The objective of the Phase II ESA is to preliminarily explore surface soil, subsurface soil, and shallow groundwater for the presence of petroleum products or hazardous substances that might be reasonably associated with historic brick-making operations and combustion residues observed at the Property. We understand that the Town of Porter is considering purchasing the Property and desires a preliminary quantitative assessment of its environmental condition.

1.4 Scope-of-Services

The Phase II ESA generally consisted of the following tasks as outlined in our proposal:

- Weaver Boos used historic Sanborn maps dated between 1893 and 1935 as a basis for locating former areas of concern, including the oil tanks west of the historic kiln area and the oil house formerly located to the east. Sampling locations were laid out using a compass, measuring tape, and a non-survey grade hand-held global positioning system (GPS) unit, and are therefore only approximate. Two sampling locations were laid out near to the historic oil tanks west of the kilns, and one sampling location was laid out near to the oil house located to the east. Three additional locations were located to assess combustion residue fill material located along the southern portion of the Property, the northern portion of the Property, and the western portion of the Property.
- Underground utilities were cleared through the Indiana Underground Plant Protection Service prior to advancing soil probes.
- Seven (7) soil probes were advanced using a small track-mounted Geoprobe® direct-push sampling rig to explore soil and groundwater conditions beneath selected portions of the Property. The soil probes were extended to depths of 16 to 24 ft below ground surface. Soil cores were field screened for indication of volatile organic or petroleum impact using a photoionization detector (PID) and logs were prepared describing soil and groundwater conditions encountered at each sampling location. Groundwater samples were collected from three of the probes using a temporary screen-point sampler that was removed upon completion of sample collection.
- Soil and groundwater samples were selected for quantitative laboratory analyses based on field observations. Soil and groundwater samples were analyzed as follows:
    - ► Three (3) surface soil samples were analyzed for total RCRA metals (As, Ba, Cd, Cr, Pb, Hg, Se, and Ag), polycyclic aromatic hydrocarbons (PAHs), and total petroleum hydrocarbons as extended range organics (TPH as ERO).

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- ► Three (3) subsurface soil samples were analyzed for PAHs and TPH as ERO.
- ► Three (3) groundwater samples were collected and analyzed for volatile organic compounds (VOCs).

- Upon completion of the fieldwork and receipt of analytical test results, Weaver Boos completed this written report describing the objectives of the assessment, the methods utilized, and the results obtained. Concentrations reported for petroleum products or hazardous substances were compared with default closure levels published by the Indiana Department of Environmental Management (IDEM) in its Risk Integrated System of Closure (RISC), latest edition. Our opinion regarding conditions at the Property is provided based upon these comparisons.

1.5 Qualifications and Limitations

Weaver Boos formulated this preliminary Phase II ESA using a defined scope of services considered appropriate and agreed upon by all parties on the date the service was authorized. Weaver Boos conducted this Phase II ESA in accordance with generally accepted practices in a manner consistent with that level of care exercised by other members of our profession in the same locality and under similar circumstances. The assessment is considered preliminary consistent with the limited number of samples collected what is a large Property. Our professional opinions are based upon our review of historical information describing the Property, our visual observations of the subsurface conditions, and the results we obtained for widely spaced samples of soil and groundwater. Although the scope of work is believed by Weaver Boos to be appropriate to address the stated objectives, we note that no environmental assessment can completely eliminate uncertainty with respect to the presence subsurface impacts by petroleum products or hazardous substances.

1.6 Reliance

This report has been prepared for the use and consideration of Blachly, Tabor, Bozik & Hartman, LLC (BTBH), attorney for the Town of Porter, and the Town of Porter for the purposes described herein. Any other use or reliance on the information or opinions contained in this report by other parties without the express written consent of Weaver Boos Consultants, LLC is at the sole risk of any other such parties.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Property is located at the northwest corner of Sexton Avenue and Lincoln Street, in Porter, Indiana. The general location is illustrated in **Figure 1**. The Property is comprised of approximately 32 acres of land located within the Northwest ¼ of Section 35, Township 37 North, Range 6 West of the 2nd Principal Meridian, in Porter County, Indiana.

2.2 General Characteristics

The Property is an irregular tract of land measuring approximately 1,000 feet north to south by between 1,100 and 1,800 feet east to west. The Property is bounded to the north by Beam Street, to the east by Sexton Avenue, to the south by tracks of the Norfolk Southern Railroad, and to the west by Interstate Highway 94. The Property is currently unimproved and forested, with areas of concrete and other debris, and dark appearing fill soils, particularly along the southern extent. The Property is located within an area of mixed commercial, municipal, agricultural and residential land use. Land to the north includes the Town of Porter municipal service complex. Lands to the east and west include residential properties. Lands to the south include railroad tracks and agricultural property.

2.2.1 Site Topography

The surface topography of nearby area is generally level. A review of the 1991 Chesterton, Indiana 7.5-minute quadrangle topographic maps published by the USGS indicates that the Property is at an elevation of approximately 639 feet above mean sea level. Portions of the Property have been excavated and as a result exhibit approximately 10 to 20 feet of vertical relief. A small borrow pit filled with water covers part of the southwest corner of the Property.

2.2.2 Geology and Hydrogeology

The Property geologically situated within a thick deposit (100 to 200 feet) of unconsolidated soil mapped as lacustrine clay, silt, and sand of the Atherton Formation (Schneider and Keller, 1970b). Bedrock occurs beneath the Property at an elevation of approximately 500 feet above mean sea level (Hartke, Hill and Reshkin, 1975). According to Schneider and Keller, 1970a, bedrock beneath the Property is Silurian aged rock of the Niagaran Series. According to Gray (1973), these rocks consist of cherty limestone, dolomite, and shale. Depending on the elevation of the buried bedrock surface, erosional remnants of Devonian aged Antrim Shale Formation may also be present.

The unconsolidated regional aquifer system is comprised of three heterogeneous sand and gravel aquifers. These are designated as the Calumet, Valparaiso and Kankakee aquifers. Other minor aquifers occur as isolated pockets of saturated sands in the heterogeneous glacial materials. The Calumet Aquifer directly underlies the Property.

Based upon the topography of the Property area and the locations of the nearest surface waters draining the Calumet Aquifer, groundwater is expected to flow generally northerly toward the Little Calumet River. Although the permeability of the Calumet Aquifer soil is relatively high, gradients are typically gentle and the speed of groundwater movement is not great.

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3.0 FIELD AND ANALYTICAL WORK

Weaver Boos conducted the fieldwork for the Phase II ESA on September 18 and 21, 2009. Weather conditions were fair and approximately 70 degrees F. Our subcontractor, Enviro-Dynamics, LLC, of Hebron, Indiana, advanced the soil probes under the supervision of Ms. Jodi Slough, Environmental Scientist, who collected all samples for this assessment with the assistance of the subcontractor.

3.1 Sampling Locations and Methodology

Sampling locations were selected for this assessment in consideration of historical facilities shown at the Property in the Sanborn fire insurance map dated 1893. The Sanborn map of 1893 was scanned, traced using a computer assisted design program, and visually registered to an aerial photograph taken by the USGS in 1998. The tracing and aerial photograph were scaled to approximately 1 inch equal to 200 ft, and a compass, measuring tape, and non-survey grade hand-held GPS unit were used to lay out the sampling locations as shown on **Figure 1**. Owing to the largely visual nature of the map-building process and presence of forest canopy which likely degraded the GPS unit's accuracy, the sampling locations illustrated on **Figure 1** are considered only an approximation. Little or no visible indication of the historic brick works is visible in the 1998 aerial photograph.

The sampling locations were also checked using an aerial photograph taken in 1938. The approximate configuration of the site, Sanborn map features, and current sampling locations is illustrated on the 1938 aerial photo base as illustrated in **Figure 2**. The only feature identified in the 1938 aerial photograph appearing to correspond with the historical brick works looks like several linear features visible in the approximate area of the former brick kilns.

Subsurface soils and groundwater were sampled using a track-mounted Geoprobe® direct-push sampling rig on September 18 and 21, 2009. Our subcontractor, Enviro-Dynamics, LLC, of Hebron, Indiana, advanced the soil probes under the supervision of Ms. Jodi Slough, Environmental Scientist, who collected all samples for this assessment with the assistance of the subcontractor. Seven soil probes, designated WB1 through WB7, were advanced to collect samples of soil and groundwater. The soil probes were generally advanced to a depth of 16 ft below ground surface as proposed. Soil probes WB-1, WB-3, and WB-4 were extended to 24 to 28 ft below ground surface as needed to reach groundwater. The soil cores were field screened for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID).

Only a single noticeably elevated PID measurement was recorded at the Property near the surface in soil probe WB2, so a soil sample was collected from 0 to 1 ft. Other soil samples were collected from either surface soil (0 to 1 ft below ground surface), or subsurface soil near the midpoint of the soil probes (8 to 9 ft below ground surface) with no qualitative indication of environmental impact. Written logs describing soil and groundwater conditions encountered in each soil probe are provided in **Appendix A**.

Groundwater samples were collected from soil probes WB1, WB3, and WB4 using a temporary screen-point sampler. These probes were selected for groundwater sampling to provide a triangular array of sampling points centered about the features of interest. The groundwater samples were extracted from the temporary wells using a length of poly tubing and a peristaltic pump.

Laboratory-certified sampling containers were filled (and preserved) in accordance with laboratory specifications. The samples were placed into a cooler, packaged with ice to maintain a shipment temperature of approximately 4 degrees Centigrade, documented with a chain-of-custody form, sealed, and delivered to the laboratory by United Parcel Service overnight service. Pace Analytical, located in Indianapolis, Indiana, provided analytical services for this project.

3.2 Analytical Parameters

The soil samples were analyzed for TPH ERO, total metals, or PAHs, which are considered indicators for petroleum products and combustion residue. The groundwater samples were analyzed for VOCs, which are considered indicators of petroleum products and several other potential hazardous substances such as organic solvents that are typically mobile in groundwater. The resulting analytical reports are provided in **Appendix B**.

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4.0 FINDINGS AND RESULTS

4.1 Field Observations

4.1.1 General Subsurface Conditions

Subsurface soils encountered beneath the Property were generally consistent with the geological literature and the likely removal of clay strata during historical brick making operations. Soils beneath the Property consisted mostly of sand, silty sand, or sandy silt to the limits of exploration. Tan sandy clay was encountered from 4 to 8 ft below ground surface in soil probe WB4. Groundwater was encountered at approximately 20 ft below ground surface in soil probe WB1, approximately 24 ft below ground surface in soil probe WB3, and approximately 20 ft below ground surface in soil probe WB4. Groundwater was encountered in soil probes WB5 advanced in a low part of the Property, and at approximately 12 ft below ground surface in soil probe WB6. No groundwater was encountered in soil probe WB7, advanced to a depth of 16 ft below ground surface just south of the Yost School driveway.

Field screening using the PID revealed few detectable volatile organic vapors associated with any of the soil cores. A PID reading of 9.3 ppm was recorded at a depth of 0 to 1 ft below ground surface in soil probe WB2, and a PID reading of 1.0 ppm was recorded at a depth of 0 to 0.5 ft below ground surface in soil probe WB3. Other than dark coloration of fill soil found near the surface in soil probe WB2, no distinctive odors, visible staining, or other qualitative indications of potential environmental impact were encountered. Subsurface probe logs describing conditions encountered in each soil probe are provided in **Appendix A**

4.2 Analytical Results

4.2.1 Soil Samples

Total arsenic was detected in the surface soil sample collected from soil probe WB1 at 6.5 mg/kg, which is greater than residential and industrial default closure levels established in the IDEM's Risk Integrated System of Closure (RISC), revised May 1, 2009. This result does not appear directly attributable to the historical oil house formerly located nearby.

TPH as extended range organics (ERO) was detected at 736 mg/kg in the surface soil sampled at soil probe WB2, as was total lead at 191 mg/kg, dibenzo[a,h]anthracene at 1.02 mg/kg, and naphthalene at 1.7 mg/kg. These concentrations are greater than their respective residential default closure levels. Additionally, total arsenic was detected at 29.5 mg/kg, and benzo[a]pyrene was detected at 3.34 mg/kg in the surface soil sample from soil probe WB2, both

of which exceed their respective industrial default closure levels. These elevated concentrations appear to correspond with dark colored fill soil observed at the ground surface in the location of soil probe WB2. The soil sample results are summarized as shown on **Figure 1**.

As summarized in **Table 1**, target analytes in the remaining samples were either not detected, or they were detected at concentrations less than their respective residential default closure levels. No clear indications of petroleum impacts were therefore found in connection with oil tanks historically indicated in the Sanborn fire insurance map of the Property.

4.2.2 Groundwater Samples

No VOCs were detected in any of the three groundwater samples collected from the Property. The groundwater samples were collected from probes WB1, WB3, and WB4 at the locations shown on **Figure 1** where Weaver Boos believes that petroleum hydrocarbons would most likely be found in connection with historical use of oil at the Property.

4.3 Analytical Reports and Data Quality

The analytical report provided by Pace Analytical is presented in **Appendix B**. Because the results are reported by the laboratory to conform to NELAC standards without qualification, the results are considered usable for the site exploration objectives established for this Phase II ESA.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

Weaver Boos Consultants, LLC (Weaver Boos) has completed a preliminary Phase II Environmental Site Assessment (ESA) of the 32 acre property located at the northwest corner of Sexton Avenue and Lincoln Street, Porter, Indiana (the Property). This Phase II ESA was implemented to preliminarily explore for surface and subsurface impacts potentially associated with specific *recognized environmental conditions* described in our previous Phase I ESA completed at the Property in 2006.

Considering the data and information developed during this preliminary Phase II ESA, Weaver Boos identified no indications of petroleum impact in areas of the Property where oil was shown to be stored on the historical Sanborn fire insurance map.

Total arsenic was detected in two out of three surface soil samples collected from the Property at concentrations greater than IDEM's default industrial closure level of 5.8 mg/kg. Such results are not uncommon in Northwest Indiana, where Weaver Boos has sometimes detected arsenic in near surface soils at concentrations up to about 10 mg/kg. The IDEM (2004) states that background arsenic concentrations can be up to 13 mg/kg in Indiana. The concentration of 6.5 mg/kg detected in surface soil at WB1 appears consistent with typical background concentrations.

The total arsenic concentration of 29.5 mg/kg detected at WB2 appears to be greater than typical background levels. The total lead concentration of 191 mg/kg, the presence of TPH ERO at 736 mg/kg, and several PAHs (benzo[a]anthracene, dibenz[a,h]anthracene, and naphthalene) at concentrations greater than their respective residential or industrial default closure levels also appear to be greater than levels typically encountered in Northwest Indiana. These elevated concentrations at WB2 appear to correspond with dark colored surficial fill soil containing combustion residue such as cinders. These surficial fill were observed to cover a significant area along the south side of the Property, suggesting that target analyte concentrations like those detected at soil probe WB2 may be extensive.

Consistent with IDEM policy regarding environmental site assessments under RISC and re-development of Brownfield property, Weaver Boos believes that conditions encountered during this preliminary Phase II ESA warrant additional characterization and careful consideration under foreseeable development scenarios for the Property.

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5.2 Recommendations

In consideration of the results of this preliminary Phase II ESA suggesting the presence of petroleum products or hazardous substances at concentrations greater than IDEM's health-based default closure levels, Weaver Boos recommends that further environmental assessment be conducted prior to the re-use or re-development of the Property. The dark colored fill soils along the south side of the Property are an obvious focus for additional characterization.

Following additional characterization of the nature, concentration, and extent of petroleum products and hazardous substances, Weaver Boos recommends that conditions at the Property be further evaluated and possibly remediated as appropriate to support proposed future land use.

Because re-development of the Property is expected to include wide-spread disturbance of surface and subsurface soil, Weaver Boos believes that potential remains for encountering additional adverse environmental conditions that were not been revealed by this Phase II ESA. Weaver Boos therefore recommends that if indications of additional environmental impact, such as visibly stained soils, subsurface structures, or distinctive odors are encountered during site work, such occurrences should be promptly assessed. If additional petroleum products or hazardous substances are found to exceed default closure levels, they should be characterized and remediated to levels consistent with intended future land use.

6.0 REFERENCES CITED

The following references were reviewed and considered by Weaver Boos in preparation of the scope of work for this Phase II ESA:

Gray, H.H., 1973. "Regional Geologic Map Series, Supplementary Chart No.1", Printed by the Authority of the State of Indiana, Department of Natural Resources.

Hartke, E.J., Hill, J.R., and M. Reshkin, 1975. "Environmental Geology of Lake and Porter Counties, Indiana - An Aid to Planning", Department of Natural Resources Geological Survey Special Report 11, Printed by the Authority of the State of Indiana, Bloomington, Indiana.

IDEM, 2004. "Brownfields Bulletin, 1st Quarter, October 2004, Issue 23.

IDEM, 2006. "Risk Integrated System of Closure Technical Guide, January 31, 2006", (Revised May 1, 2009, Indiana Department of Environmental Management, Indianapolis, Indiana.

Schneider, A.F. and S.J. Keller, 1970. "Regional Geologic Map No. 4, Chicago Sheet, Parts A and B", Printed by the Authority of the State of Indiana, Department of Natural Resources.

Weaver Boos Consultants, July 2006. "Phase I Environmental Assessment, Proposed Commercial Development, Route 49 and County Road 1100 North, Chesterton, Indiana. Terracon, 135 Ambassador Drive, Naperville, IL 60540.

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7.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This Phase II ESA was performed by, or under direct supervision of, or reviewed by the undersigned environmental professional(s).

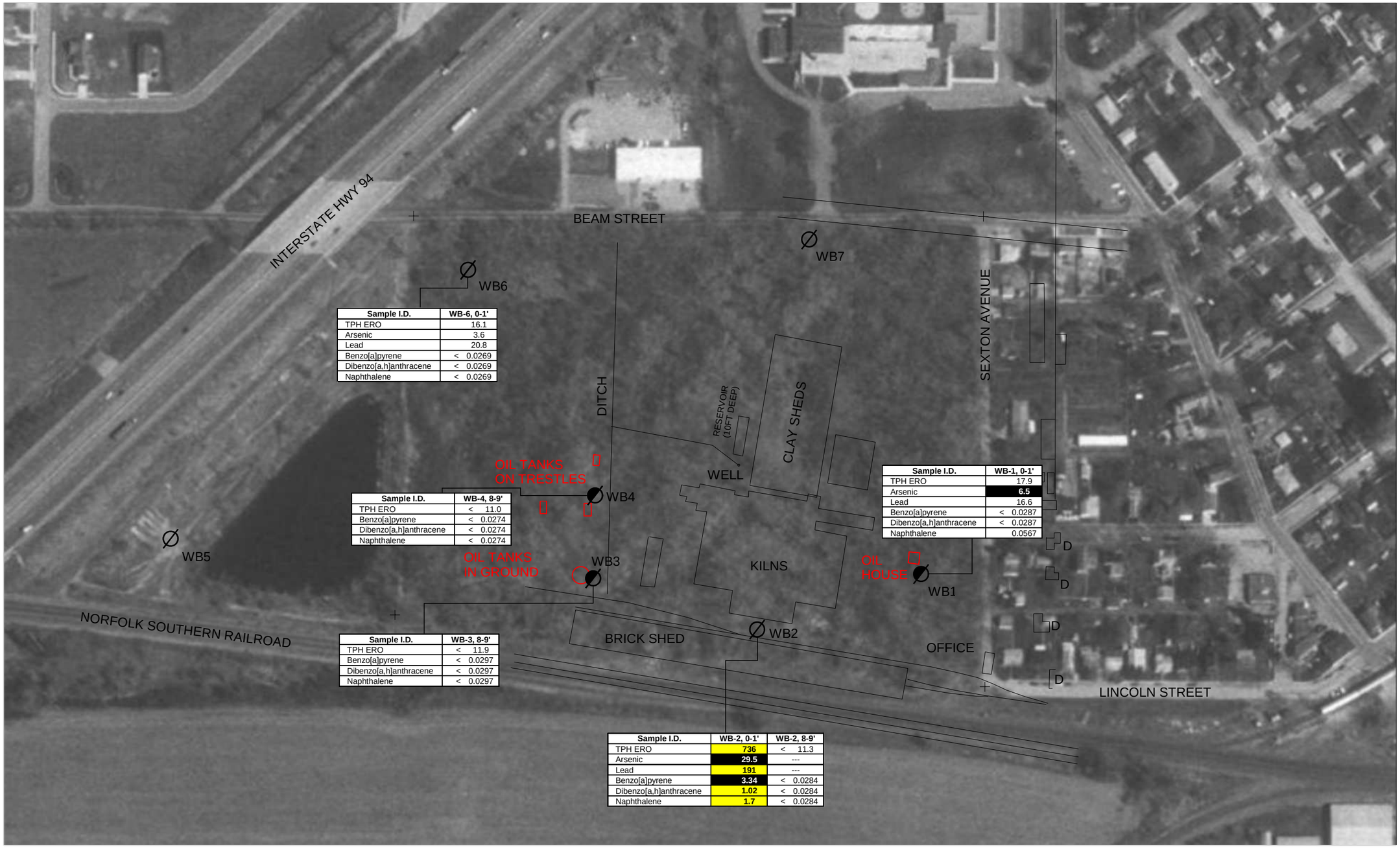
Jodi Slough
Environmental Scientist

October 7, 2009

Steven M. Stanford, LPG
Senior Project Manager

LICENSED
STEVEN M. STANFORD
No. 968
STATE OF INDIANA
PROFESSIONAL GEOLOGIST

FIGURES



Sample I.D.	WB-6, 0-1'
TPH ERO	16.1
Arsenic	3.6
Lead	20.8
Benzo[a]pyrene	< 0.0269
Dibenzo[a,h]anthracene	< 0.0269
Naphthalene	< 0.0269

Sample I.D.	WB-4, 8-9'
TPH ERO	< 11.0
Benzo[a]pyrene	< 0.0274
Dibenzo[a,h]anthracene	< 0.0274
Naphthalene	< 0.0274

Sample I.D.	WB-1, 0-1'
TPH ERO	17.9
Arsenic	6.5
Lead	16.6
Benzo[a]pyrene	< 0.0287
Dibenzo[a,h]anthracene	< 0.0287
Naphthalene	0.0567

Sample I.D.	WB-3, 8-9'
TPH ERO	< 11.9
Benzo[a]pyrene	< 0.0297
Dibenzo[a,h]anthracene	< 0.0297
Naphthalene	< 0.0297

Sample I.D.	WB-2, 0-1'	WB-2, 8-9'
TPH ERO	736	< 11.3
Arsenic	29.5	---
Lead	191	---
Benzo[a]pyrene	3.34	< 0.0284
Dibenzo[a,h]anthracene	1.02	< 0.0284
Naphthalene	1.7	< 0.0284

1998 USGS AERIAL PHOTOGRAPH FROM TERRASERVERUSA.COM.

EXPLANATION

WB1 ∅ SOIL PROBE WITH GROUNDWATER SAMPLE

WB2 ∅ SOIL PROBE LOCATION

OIL HOUSE □ RECOGNIZED ENVIRONMENTAL CONDITION (1893 SANBORN MAP)

Legend:

14 - Concentration excceeds residential default closure level.

2,500 - Concentration exceeds industrial default closure level.

SCALE (Approximate)

0 100' 200'

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WEAVER BOOS CONSULTANTS LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

☒ REPORT
☐ PERMIT APPLICATION
☐ FOR BIDDING PURPOSES
☐ CLIENT APPROVAL BY:

DATE: 09/23/09
FILE: 2695351-03
CAD: 2695351-03_01.TCW

DRAWN BY: SMS
DESIGN BY: SMS
REVIEWED BY:

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PREPARED FOR
BLACHLY, TABOR, BOZIK & HARTMAN, LLC
VALPARAISO, INDIANA

REVISIONS

NO.	DATE	DESCRIPTION

SITE PLAN/SAMPLE RESULTS (mg/kg)

32-ACRE FORESTED TRACT
PORTER, INDIANA

WEAVER BOOS CONSULTANTS

NAPERVILLE, IL
SPRINGFIELD, IL
COLUMBUS, OH

SOUTH BEND, IN
(574) 271-3447

CHICAGO, IL
FORT WORTH, TX
ST. LOUIS, MO

FIGURE 1

1938 USGS AERIAL PHOTOGRAPH FROM USDA FIELD OFFICE, VALPARAISO, INDIANA.

EXPLANATION

WB1 SOIL PROBE WITH GROUNDWATER SAMPLE

WB2 SOIL PROBE LOCATION

OIL HOUSE RECOGNIZED ENVIRONMENTAL CONDITION (1893 SANBORN MAP)

SCALE (Approximate)

0 100' 200'

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WEAVER BOOS CONSULTANTS LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

☒ REPORT
☐ PERMIT APPLICATION
☐ FOR BIDDING PURPOSES
☐ CLIENT APPROVAL BY: _____

DATE: 09/23/09
FILE: 2695351-03
CAD: 2695351-03_01.TCW

DRAWN BY: SMS
DESIGN BY: SMS
REVIEWED BY:

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PREPARED FOR
BLACHLY, TABOR, BOZIK & HARTMAN, LLC
VALPARAISO, INDIANA

REVISIONS

NO.	DATE	DESCRIPTION

SITE PLAN / SAMPLE LOCATIONS 1938 AERIAL PHOTO BASE

BLAIR PROPERTY
PORTER, INDIANA

WEAVER BOOS CONSULTANTS

NAPERVILLE, IL
SPRINGFIELD, IL
COLUMBUS, OH

SOUTH BEND, IN
(574) 271-3447

CHICAGO, IL
FORT WORTH, TX
ST. LOUIS, MO

FIGURE 2

TABLES

TABLE 1

SOIL ANALYTICAL RESULTS SUMMARY

32-Acre Forested Property

Sexton Avenue & Lincoln Street

Porter, Indiana

	Sample I.D.	**WB-1**	**WB-2**	**WB-2**	**WB-3**	**WB-4**	**WB-6**	**RISC Default Closure Levels[a]**	
	Depth of Collection (ft)	0 to 1	0 to 1	8 to 9	8 to 9	8 to 9	0 to 1		
	Date Collected	9/21/2009	9/18/2009	9/18/2009	9/18/2009	9/18/2009	9/21/2005		
	Lab I.D.:	5030546001	5030546002	5030546001	5030546001	5030546001	5030546001	**Residential**	**Industrial**
Parameter	**Units**								
TPH									
TPH ERO[b]	mg/Kg-dry	17.9	**736**	< 11.3	< 11.9	< 11.0	16.1	80	1,000
METALS									
Arsenic	mg/Kg-dry	**6.5**	**29.5**	---	---	---	3.6	3.9	5.8
Barium	mg/Kg-dry	47.9	72.2	---	---	---	23.5	1,600	10,000
Cadmium	mg/Kg-dry	< 2.1	< 2.2	---	---	---	< 2.1	7.5	77
Chromium[c]	mg/Kg-dry	13.3	18.0	---	---	---	7.7	38	120
Lead	mg/Kg-dry	16.6	**191**	---	---	---	20.8	81	230
Mercury	mg/Kg-dry	< 0.37	< 0.40	---	---	---	< 0.35	2.1	32
Selenium	mg/Kg-dry	< 2.1	< 2.2	---	---	---	< 2.1	5.2	53
Silver	mg/Kg-dry	< 2.1	< 2.2	---	---	---	< 2.1	31	87
POLYCYCLIC AROMATIC HYDROCARBONS									
Acenapthene	mg/Kg-dry	< 0.0287	0.331	< 0.0284	< 0.0297	< 0.0274	< 0.0269	130	1,800
Acenapthylene	mg/Kg-dry	< 0.0287	1.35	< 0.0284	< 0.0297	< 0.0274	< 0.0269	18	180
Anthracene	mg/Kg-dry	< 0.0287	1.62	< 0.0284	< 0.0297	< 0.0274	< 0.0269	2,000	2,000
Benzo[a]anthracene	mg/Kg-dry	< 0.0287	4.15	< 0.0284	< 0.0297	< 0.0274	< 0.0269	5	15
Benzo[a]pyrene	mg/Kg-dry	< 0.0287	**3.34**	< 0.0284	< 0.0297	< 0.0274	< 0.0269	0.5	1.5
Benzo[b]fluoranthene	mg/Kg-dry	0.0483	4.35	< 0.0284	< 0.0297	< 0.0274	0.0341	5	15
Benzo[g,h,i]perylene	mg/Kg-dry	0.0288	1.75	< 0.0284	< 0.0297	< 0.0274	< 0.0269	NA	NA
Benzo[k]fluoranthene	mg/Kg-dry	< 0.0287	3.49	< 0.0284	< 0.0297	< 0.0274	< 0.0269	50	150
Chrysene	mg/Kg-dry	0.0422	4.39	< 0.0284	< 0.0297	< 0.0274	0.0312	500	1,500
Dibenzo[a,h]anthracene	mg/Kg-dry	< 0.0287	**1.02**	< 0.0284	< 0.0297	< 0.0274	< 0.0269	0.5	1.5
Fluoranthene	mg/Kg-dry	0.0595	7.08	< 0.0284	< 0.0297	< 0.0274	0.0512	2,000	2,000
Fluorene	mg/Kg-dry	< 0.0287	0.469	< 0.0284	< 0.0297	< 0.0274	< 0.0269	170	2,000
Indeno[1,2,3cd]pyrene	mg/Kg-dry	< 0.0287	1.78	< 0.0284	< 0.0297	< 0.0274	< 0.0269	5	15
2-Methylnaphthalene	mg/Kg-dry	0.0599	1.83	< 0.0284	< 0.0297	< 0.0274	< 0.0269	3.1	42
Naphthalene	mg/Kg-dry	0.0567	**1.7**	< 0.0284	< 0.0297	< 0.0274	< 0.0269	0.7	170
Phenanthrene	mg/Kg-dry	0.0637	5.47	< 0.0284	< 0.0297	< 0.0274	0.0294	13	170
Pyrene	mg/Kg-dry	0.0609	6.51	< 0.0284	< 0.0297	< 0.0274	0.0472	2,000	2,000
MOISTURE									
Percent Moisture	WT%	13.0	14.0	11.8	15.9	8.8	7.2	NA	NA

a - IDEM RISC Technical Guide - January 31, 2006 Appendix 1 (Revised May 1, 2009).
b - RISC Technical Guide, Chapter 8, June 15, 2008, assuming petroleum is diesel fuel.
c - Closure levels for chromium are the more restrictive levels for Chromium +VI.
NA - Not applicable.
--- - Not analyzed.

Legend:
14 - Concentration excceeds residential default closure level.
2,500 - Concentration exceeds industrial default closure level.

APPENDIX A

Soil Probe Logs

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-1**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA

20 While Drilling (feet)

_____ At Completion (feet)

_____ __ hours after drilling (feet)

Time Started: 0830

Time Completed: 0855

Driller: M. Montalvo, Envirodynamics, LLC

Location: 32 Acre Blair Property
Porter, IN 46304

Temporary Monitoring Well Information

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
1.0	Dark Brown SANDY TOPSOIL			
2.0	Brown SILTY SAND	75	0.0	Dry
3.0	Brown, dense, SILTY SAND			
4.0	NO RECOVERY			
5.0	Brown, dense, CLAYEY SILT			
6.0		75	0.0	Dry
7.0				
8.0				
9.0	Brown, SILTY SAND			
10.0		100	0.0	Dry
11.0				
12.0	Brown, fine SAND			
13.0	Brown, fine to medium SAND			
14.0		100	0.0	Dry
15.0				
16.0				
17.0				
18.0		100	0.0	Dry
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-1**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA			
20	While Drilling (feet)	Time Started:	0830
	At Completion (feet)	Time Completed:	0855
	__ hours after drilling (feet)	Driller:	M. Montalvo, Envirodynamics, LLC
		Location:	32 Acre Blair Property Porter, IN 46304

Temporary Monitoring Well Information

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
21.0	Brown, fine to medium SAND			
22.0		100	0.0	Wet
23.0				
24.0				
25.0	End Of Boring at 24'			
26.0				
27.0				
28.0				
29.0				
30.0				
31.0				
32.0				
33.0				
34.0				
35.0				
36.0				
37.0				
38.0				
39.0				
40.0				

Well Screen

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-2**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA		
None	While Drilling (feet)	Time Started: 1506
	At Completion (feet)	Time Completed: 1520
	__ hours after drilling (feet)	Driller: M. Montalvo, Envirodynamics, LLC
		Location: 32 Acre Blair Property, Porter, IN 46304

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
1.0	Dark Brown, SANDY TOPSOIL		9.3	
2.0	Brown SILTY SAND	75	0.0	Dry
3.0				
4.0	NO RECOVERY			
5.0	Brown, dense, SANDY SILT			
6.0	Orangish brown mottled SANDY SILT	100	0.0	Dry
7.0				
8.0				
9.0	Tan CLAYEY SILT			
10.0		100	0.0	Dry
11.0	Tan, SANDY SILT			
12.0				
13.0	Tan, SILTY SAND			
14.0		100	0.0	
15.0				
16.0				Damp
17.0	End Of Boring at 16'			
18.0				
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-3**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/18/09

WATER LEVEL DATA

24 While Drilling (feet)

_____ At Completion (feet)

_____ __ hours after drilling (feet)

Time Started: 1345

Time Completed: 1430

Driller: M. Montalvo, Envirodynamics, LLC

Location: 32 Acre Blair Property
Porter, IN 46304

Temporary Monitoring Well Information

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
	Dark Brown, SANDY TOPSOIL		1.0	
1.0	Dark Brown, SILTY SAND w/pebbles			
	NO RECOVERY			
2.0		25	0.0	Dry
3.0				
4.0				
	Dark Brown, SANDY SILT, with brick			
5.0				
	Brown, SANDY SILT			
6.0		75	0.0	Dry
7.0				
	NO RECOVERY			
8.0				
	Brown, CLAYEY SILT			
9.0				
10.0		100	0.0	Dry
11.0				
12.0				
13.0				
	Brown, SILTY SAND			
14.0		100	0.0	Dry
	Brown, CLAYEY SILT			
15.0				
	Brown, fine to medium SAND			
16.0				
17.0				
18.0		100	0.0	Dry
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-3**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA

20 While Drilling (feet)

_____ At Completion (feet)

_____ __ hours after drilling (feet)

Time Started: 1345

Time Completed: 1430

Driller: M. Montalvo, Envirodynamics, LLC

Location: 32 Acre Blair Property
Porter, IN 46304

Temporary Monitoring Well Information

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
21.0	Brown, fine to medium SAND			
22.0		100	0.0	Wet
23.0				
24.0				
	End Of Boring at 24'			
25.0				
26.0				
27.0				
28.0				
29.0				
30.0				
31.0				
32.0				
33.0				
34.0				
35.0				
36.0				
37.0				
38.0				
39.0				
40.0				

Well Screen

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-4**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/18/09

WATER LEVEL DATA

20 While Drilling (feet)

_____ At Completion (feet)

_____ __ hours after drilling (feet)

Time Started: 1220

Time Completed: 1315

Driller: M. Montalvo, Envirodynamics, LLC

Location: 32 Acre Blair Property
Porter, IN 46304

Temporary Monitoring Well Information

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
1.0	Brown, SANDY SILT	100	0.0	Dry
2.0				
3.0				
4.0				
5.0	Tan, SANDY CLAY	100	0.0	Dry
6.0				
7.0				
8.0				
9.0		100	0.0	Dry
10.0	Tan, fine to medium SAND			
11.0				
12.0				
13.0		100	0.0	Dry
14.0				
15.0				
16.0				
17.0		100	0.0	Dry
18.0				
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-4**

File No.: 2695351-03

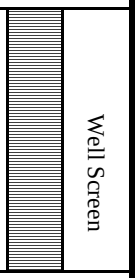
Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA			
20	While Drilling (feet)	Time Started:	1220
	At Completion (feet)	Time Completed:	1315
	__ hours after drilling (feet)	Driller:	M. Montalvo, Envirodynamics, LLC
		Location:	32 Acre Blair Property Porter, IN 46304

Temporary Monitoring Well Information

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
21.0	Tan, fine to medium SAND			
22.0		100	0.0	Wet
23.0				
24.0				
	End Of Boring at 24'			
25.0				
26.0				
27.0				
28.0				
29.0				
30.0				
31.0				
32.0				
33.0				
34.0				
35.0				
36.0				
37.0				
38.0				
39.0				
40.0				



NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-5**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA		
8 While Drilling (feet)	Time Started:	1506
At Completion (feet)	Time Completed:	1520
__ hours after drilling (feet)	Driller:	M. Montalvo, Envirodynamics, LLC
	Location:	32 Acre Blair Property Porter, IN 46304

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
1.0	Brown, fine to medium SAND	100	0.0	Dry
2.0				
3.0				
4.0	NO RECOVERY			
5.0	Brown, medium SAND	100	0.0	Dry
6.0				
7.0				
8.0				Moist
9.0	Brown, medium to coarse SAND	100	0.0	Wet
10.0				
11.0				
12.0				
13.0	Brown, coarse SAND	100	0.0	Wet
14.0	Brown, medium to coarse SAND			
15.0	Brown, fine to medium SAND			
16.0				
17.0	End Of Boring at 16'			
18.0				
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-6**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA			
12	While Drilling (feet)	Time Started:	1010
	At Completion (feet)	Time Completed:	1030
	__ hours after drilling (feet)	Driller:	M. Montalvo, Envirodynamics, LLC
		Location:	32 Acre Blair Property Porter, IN 46304

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
1.0	Dark brown, SILTY Topsoil Brown, fine to medium SAND	100	0.0	Dry
2.0				
3.0				
4.0				
5.0	Tan, fine to medium SAND	100	0.0	Dry
6.0				
7.0				
8.0				
9.0		100	0.0	Dry
10.0				
11.0				
12.0	Tan, medium to coarse SAND with trace pebbles			Damp
13.0	Orangish brown, medium to coarse SAND	100	0.0	Wet
14.0	Tan, medium to coarse SAND with trace pebbles			
15.0				
16.0				
17.0	End Of Boring at 16'			
18.0				
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

WEAVER BOOS CONSULTANTS, LLC

GEO-ENVIRONMENTAL ENGINEERS AND SCIENTISTS

Soil Probe No.: **WB-7**

File No.: 2695351-03

Client: B. T. B. & H., LLC

Date of Probe: 09/21/09

WATER LEVEL DATA		
None	While Drilling (feet)	
	At Completion (feet)	
	__ hours after drilling (feet)	

Time Started:	0940
Time Completed:	1030
Driller:	M. Montalvo, Envirodynamics, LLC
Location:	32 Acre Blair Property Porter, IN 46304

DEPTH (ft)	SOIL DESCRIPTION	SAMPLE DATA REC (%)	PID (ppm)	MOISTURE CONTENT
1.0	Tan, SILTY SAND			
2.0	Light grey SANDY SILT	100	0.0	Dry
3.0	Orangish grey mottled, dense SANDY SILT			
4.0				
5.0				
6.0		100	0.0	Dry
7.0				
8.0				
9.0				
10.0	Brown, fine to medium SAND	100	0.0	Dry
11.0				
12.0				
13.0				
14.0		100	0.0	
15.0				
16.0				Damp
17.0	End Of Boring at 16'			
18.0				
19.0				
20.0				

NOTES: Soil probe completed as a temporary monitoring well using Screen Point 15. Sealed with bentonite chips after completion.

Logged by: Jodi L. E. Slough

APPENDIX B

Analytical Report

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

October 05, 2009

Mr. Steve Stanford
Weaver Boos & Gordon
4085 Meghan Beeler Court
South Bend, IN 46628

RE: Project: 32 Acre Blair Property
Pace Project No.: 5030546

Dear Mr. Stanford:
Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andrew Votaw

andrew.votaw@pacelabs.com
Project Manager

Illinois/NELAC Certification #: 100418
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification #: 330

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

SAMPLE SUMMARY

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5030546001	**WB-1@0-1'**	Solid	09/21/09 08:35	09/23/09 11:01
5030546002	**WB-2@0-1'**	Solid	09/18/09 15:25	09/23/09 11:01
5030546003	**WB-2@8-9'**	Solid	09/18/09 15:35	09/23/09 11:01
5030546004	**WB-3@8-9'**	Solid	09/18/09 14:25	09/23/09 11:01
5030546005	**WB-4@8-9'**	Solid	09/18/09 12:55	09/23/09 11:01
5030546006	**WB-6@0-1'**	Solid	09/21/09 10:15	09/23/09 11:01
5030546007	**WB-1**	Water	09/21/09 09:05	09/23/09 11:01
5030546008	**WB-3**	Water	09/18/09 14:35	09/23/09 11:01
5030546009	**WB-4**	Water	09/18/09 13:20	09/23/09 11:01

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Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

SAMPLE ANALYTE COUNT

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5030546001	**WB-1@0-1'**	ASTM D2974-87	LLB	1
		EPA 6010	LLB	7
		EPA 7471	RAK	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8270 by SIM	DMT	19
5030546002	**WB-2@0-1'**	ASTM D2974-87	LLB	1
		EPA 6010	LLB	7
		EPA 7471	RAK	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8270 by SIM	DMT	19
5030546003	**WB-2@8-9'**	ASTM D2974-87	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8270 by SIM	DMT	19
5030546004	**WB-3@8-9'**	ASTM D2974-87	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8270 by SIM	DMT	19
5030546005	**WB-4@8-9'**	ASTM D2974-87	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8270 by SIM	DMT	19
5030546006	**WB-6@0-1'**	ASTM D2974-87	LLB	1
		EPA 6010	LLB	7
		EPA 7471	RAK	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8270 by SIM	DMT	19
5030546007	**WB-1**	EPA 8260	SLB	74
5030546008	**WB-3**	EPA 8260	SLB	74
5030546009	**WB-4**	EPA 8260	SLB	74

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Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-1@0-1' **Lab ID: 5030546001** Collected: 09/21/09 08:35 Received: 09/23/09 11:01 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	**17.9**	mg/kg	11.5	1	09/23/09 23:10	09/24/09 13:36		
n-Pentacosane (S)	82	%	45-170	1	09/23/09 23:10	09/24/09 13:36	629-99-2	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.5**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7440-38-2	
Barium	**47.9**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7440-39-3	
Cadmium	ND	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7440-43-9	
Chromium	**13.3**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7440-47-3	
Lead	**16.6**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7439-92-1	
Selenium	ND	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7782-49-2	
Silver	ND	mg/kg	2.1	1	09/24/09 00:00	09/24/09 18:52	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.37	1	10/01/09 00:00	10/02/09 11:02	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	83-32-9	
Acenaphthylene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	208-96-8	
Anthracene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	50-32-8	
Benzo(b)fluoranthene	**48.3**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	205-99-2	
Benzo(g,h,i)perylene	**28.8**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	207-08-9	
Chrysene	**42.2**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	53-70-3	
Fluoranthene	**59.5**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	206-44-0	
Fluorene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	193-39-5	
2-Methylnaphthalene	**59.9**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	91-57-6	
Naphthalene	**56.7**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	91-20-3	
Phenanthrene	**63.7**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	85-01-8	
Pyrene	**60.9**	ug/kg	28.7	1	09/23/09 21:35	09/24/09 12:53	129-00-0	
2-Fluorobiphenyl (S)	80	%	45-120	1	09/23/09 21:35	09/24/09 12:53	321-60-8	
Terphenyl-d14 (S)	81	%	41-120	1	09/23/09 21:35	09/24/09 12:53	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.0**	%	0.10	1		09/30/09 16:48		

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-2@0-1' **Lab ID: 5030546002** Collected: 09/18/09 15:25 Received: 09/23/09 11:01 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	**736**	mg/kg	58.1	5	09/23/09 23:10	09/24/09 13:43		
n-Pentacosane (S)	0	%	45-170	5	09/23/09 23:10	09/24/09 13:43	629-99-2	S4
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**29.5**	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7440-38-2	
Barium	**72.2**	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7440-39-3	
Cadmium	ND	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7440-43-9	
Chromium	**18.0**	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7440-47-3	
Lead	**191**	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7439-92-1	
Selenium	ND	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7782-49-2	
Silver	ND	mg/kg	2.2	1	09/24/09 00:00	09/24/09 19:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.40	1	10/01/09 00:00	10/02/09 11:03	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**331**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	83-32-9	
Acenaphthylene	**1350**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	208-96-8	
Anthracene	**1620**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	120-12-7	
Benzo(a)anthracene	**4150**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	56-55-3	
Benzo(a)pyrene	**3340**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	50-32-8	
Benzo(b)fluoranthene	**4350**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	205-99-2	
Benzo(g,h,i)perylene	**1750**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	191-24-2	
Benzo(k)fluoranthene	**3490**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	207-08-9	
Chrysene	**4390**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	218-01-9	
Dibenz(a,h)anthracene	**1020**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	53-70-3	
Fluoranthene	**7080**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	206-44-0	
Fluorene	**469**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	86-73-7	
Indeno(1,2,3-cd)pyrene	**1780**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	193-39-5	
2-Methylnaphthalene	**1830**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	91-57-6	
Naphthalene	**1700**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	91-20-3	
Phenanthrene	**5470**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	85-01-8	
Pyrene	**6510**	ug/kg	58.1	1	09/24/09 21:55	09/26/09 12:49	129-00-0	
2-Fluorobiphenyl (S)	78	%	45-120	1	09/24/09 21:55	09/26/09 12:49	321-60-8	
Terphenyl-d14 (S)	84	%	41-120	1	09/24/09 21:55	09/26/09 12:49	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.0**	%	0.10	1		09/30/09 16:48		

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-2@8-9' **Lab ID: 5030546003** Collected: 09/18/09 15:35 Received: 09/23/09 11:01 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	ND	mg/kg	11.3	1	09/23/09 23:10	09/24/09 13:50		
n-Pentacosane (S)	76	%	45-170	1	09/23/09 23:10	09/24/09 13:50	629-99-2	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	83-32-9	
Acenaphthylene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	208-96-8	
Anthracene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	120-12-7	
Benzo(a)anthracene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	56-55-3	
Benzo(a)pyrene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	207-08-9	
Chrysene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	53-70-3	
Fluoranthene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	206-44-0	
Fluorene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	193-39-5	
2-Methylnaphthalene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	91-57-6	
Naphthalene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	91-20-3	
Phenanthrene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	85-01-8	
Pyrene	ND	ug/kg	28.4	1	09/23/09 21:35	09/24/09 13:29	129-00-0	
2-Fluorobiphenyl (S)	85	%	45-120	1	09/23/09 21:35	09/24/09 13:29	321-60-8	
Terphenyl-d14 (S)	83	%	41-120	1	09/23/09 21:35	09/24/09 13:29	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.8**	%	0.10	1		09/30/09 16:48		

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-3@8-9' **Lab ID: 5030546004** Collected: 09/18/09 14:25 Received: 09/23/09 11:01 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	ND	mg/kg	11.9	1	09/23/09 23:10	09/24/09 13:57		
n-Pentacosane (S)	80	%	45-170	1	09/23/09 23:10	09/24/09 13:57	629-99-2	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	83-32-9	
Acenaphthylene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	208-96-8	
Anthracene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	120-12-7	
Benzo(a)anthracene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	56-55-3	
Benzo(a)pyrene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	207-08-9	
Chrysene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	53-70-3	
Fluoranthene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	206-44-0	
Fluorene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	193-39-5	
2-Methylnaphthalene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	91-57-6	
Naphthalene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	91-20-3	
Phenanthrene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	85-01-8	
Pyrene	ND	ug/kg	29.7	1	09/23/09 21:35	09/24/09 13:46	129-00-0	
2-Fluorobiphenyl (S)	84	%	45-120	1	09/23/09 21:35	09/24/09 13:46	321-60-8	
Terphenyl-d14 (S)	83	%	41-120	1	09/23/09 21:35	09/24/09 13:46	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.9**	%	0.10	1		09/30/09 16:49		

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-4@8-9' **Lab ID: 5030546005** Collected: 09/18/09 12:55 Received: 09/23/09 11:01 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	ND	mg/kg	11.0	1	09/23/09 23:10	09/24/09 14:04		
n-Pentacosane (S)	71	%	45-170	1	09/23/09 23:10	09/24/09 14:04	629-99-2	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	83-32-9	
Acenaphthylene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	208-96-8	
Anthracene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	207-08-9	
Chrysene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	53-70-3	
Fluoranthene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	206-44-0	
Fluorene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	193-39-5	
2-Methylnaphthalene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	91-57-6	
Naphthalene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	91-20-3	
Phenanthrene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	85-01-8	
Pyrene	ND	ug/kg	27.4	1	09/23/09 21:35	09/24/09 14:04	129-00-0	
2-Fluorobiphenyl (S)	89	%	45-120	1	09/23/09 21:35	09/24/09 14:04	321-60-8	
Terphenyl-d14 (S)	87	%	41-120	1	09/23/09 21:35	09/24/09 14:04	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.8**	%	0.10	1		09/30/09 16:49		

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-6@0-1' **Lab ID: 5030546006** Collected: 09/21/09 10:15 Received: 09/23/09 11:01 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
High End Organics (C8-C34)	**16.1**	mg/kg	10.8	1	09/23/09 23:10	09/24/09 14:19		
n-Pentacosane (S)	58	%	45-170	1	09/23/09 23:10	09/24/09 14:19	629-99-2	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.6**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7440-38-2	
Barium	**23.5**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7440-39-3	
Cadmium	ND	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7440-43-9	
Chromium	**7.7**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7440-47-3	
Lead	**20.8**	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7439-92-1	
Selenium	ND	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7782-49-2	
Silver	ND	mg/kg	2.1	1	09/24/09 00:00	09/24/09 19:15	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.35	1	10/01/09 00:00	10/02/09 11:05	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	83-32-9	
Acenaphthylene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	208-96-8	
Anthracene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	120-12-7	
Benzo(a)anthracene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	56-55-3	
Benzo(a)pyrene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	50-32-8	
Benzo(b)fluoranthene	**34.1**	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	207-08-9	
Chrysene	**31.2**	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	53-70-3	
Fluoranthene	**51.2**	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	206-44-0	
Fluorene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	193-39-5	
2-Methylnaphthalene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	91-57-6	
Naphthalene	ND	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	91-20-3	
Phenanthrene	**29.4**	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	85-01-8	
Pyrene	**47.2**	ug/kg	26.9	1	09/23/09 21:35	09/24/09 14:21	129-00-0	
2-Fluorobiphenyl (S)	62	%	45-120	1	09/23/09 21:35	09/24/09 14:21	321-60-8	
Terphenyl-d14 (S)	67	%	41-120	1	09/23/09 21:35	09/24/09 14:21	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.2**	%	0.10	1		09/30/09 16:49		

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-1 **Lab ID: 5030546007** Collected: 09/21/09 09:05 Received: 09/23/09 11:01 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/28/09 09:09	67-64-1	
Acrolein	ND	ug/L	100	1		09/28/09 09:09	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/28/09 09:09	107-13-1	
Benzene	ND	ug/L	5.0	1		09/28/09 09:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/28/09 09:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/28/09 09:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/28/09 09:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/28/09 09:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/28/09 09:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/28/09 09:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/28/09 09:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/28/09 09:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/28/09 09:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/28/09 09:09	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/28/09 09:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/28/09 09:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/28/09 09:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/28/09 09:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		09/28/09 09:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/28/09 09:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/28/09 09:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/28/09 09:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/28/09 09:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/28/09 09:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/28/09 09:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/28/09 09:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/28/09 09:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/28/09 09:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/28/09 09:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/28/09 09:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/28/09 09:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/28/09 09:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/28/09 09:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/28/09 09:09	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		09/28/09 09:09	123-91-1	
Ethylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/28/09 09:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/28/09 09:09	87-68-3	
n-Hexane	ND	ug/L	5.0	1		09/28/09 09:09	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		09/28/09 09:09	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/28/09 09:09	74-88-4	

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-1 **Lab ID: 5030546007** Collected: 09/21/09 09:05 Received: 09/23/09 11:01 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/28/09 09:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/28/09 09:09	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		09/28/09 09:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/28/09 09:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/28/09 09:09	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/28/09 09:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	103-65-1	
Styrene	ND	ug/L	5.0	1		09/28/09 09:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/28/09 09:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/28/09 09:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/28/09 09:09	127-18-4	
Toluene	ND	ug/L	5.0	1		09/28/09 09:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/28/09 09:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/28/09 09:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/28/09 09:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/28/09 09:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/28/09 09:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/28/09 09:09	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/28/09 09:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/28/09 09:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/28/09 09:09	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		09/28/09 09:09	1868-53-7	
4-Bromofluorobenzene (S)	103	%	70-126	1		09/28/09 09:09	460-00-4	
Toluene-d8 (S)	96	%	80-116	1		09/28/09 09:09	2037-26-5	

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-3 **Lab ID: 5030546008** Collected: 09/18/09 14:35 Received: 09/23/09 11:01 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/28/09 09:39	67-64-1	
Acrolein	ND	ug/L	100	1		09/28/09 09:39	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/28/09 09:39	107-13-1	
Benzene	ND	ug/L	5.0	1		09/28/09 09:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/28/09 09:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/28/09 09:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/28/09 09:39	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/28/09 09:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/28/09 09:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/28/09 09:39	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/28/09 09:39	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/28/09 09:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/28/09 09:39	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/28/09 09:39	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/28/09 09:39	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/28/09 09:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/28/09 09:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/28/09 09:39	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		09/28/09 09:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/28/09 09:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/28/09 09:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/28/09 09:39	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/28/09 09:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/28/09 09:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/28/09 09:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/28/09 09:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/28/09 09:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/28/09 09:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/28/09 09:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/28/09 09:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/28/09 09:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/28/09 09:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/28/09 09:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/28/09 09:39	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		09/28/09 09:39	123-91-1	
Ethylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/28/09 09:39	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/28/09 09:39	87-68-3	
n-Hexane	ND	ug/L	5.0	1		09/28/09 09:39	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		09/28/09 09:39	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/28/09 09:39	74-88-4	

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-3 **Lab ID: 5030546008** Collected: 09/18/09 14:35 Received: 09/23/09 11:01 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/28/09 09:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/28/09 09:39	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		09/28/09 09:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/28/09 09:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/28/09 09:39	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/28/09 09:39	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	103-65-1	
Styrene	ND	ug/L	5.0	1		09/28/09 09:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/28/09 09:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/28/09 09:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/28/09 09:39	127-18-4	
Toluene	ND	ug/L	5.0	1		09/28/09 09:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/28/09 09:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/28/09 09:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/28/09 09:39	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/28/09 09:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/28/09 09:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/28/09 09:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/28/09 09:39	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/28/09 09:39	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/28/09 09:39	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/28/09 09:39	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		09/28/09 09:39	1868-53-7	
4-Bromofluorobenzene (S)	99	%	70-126	1		09/28/09 09:39	460-00-4	
Toluene-d8 (S)	92	%	80-116	1		09/28/09 09:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-4 **Lab ID: 5030546009** Collected: 09/18/09 13:20 Received: 09/23/09 11:01 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/28/09 10:08	67-64-1	
Acrolein	ND	ug/L	100	1		09/28/09 10:08	107-02-8	
Acrylonitrile	ND	ug/L	100	1		09/28/09 10:08	107-13-1	
Benzene	ND	ug/L	5.0	1		09/28/09 10:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		09/28/09 10:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		09/28/09 10:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		09/28/09 10:08	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/28/09 10:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/28/09 10:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/28/09 10:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		09/28/09 10:08	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/28/09 10:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/28/09 10:08	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/28/09 10:08	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/28/09 10:08	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/28/09 10:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		09/28/09 10:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		09/28/09 10:08	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		09/28/09 10:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/28/09 10:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		09/28/09 10:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 10:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 10:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/28/09 10:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/28/09 10:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/28/09 10:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/28/09 10:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/28/09 10:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/28/09 10:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/28/09 10:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/28/09 10:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/28/09 10:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		09/28/09 10:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		09/28/09 10:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		09/28/09 10:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/28/09 10:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/28/09 10:08	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		09/28/09 10:08	123-91-1	
Ethylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		09/28/09 10:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		09/28/09 10:08	87-68-3	
n-Hexane	ND	ug/L	5.0	1		09/28/09 10:08	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		09/28/09 10:08	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/28/09 10:08	74-88-4	

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ANALYTICAL RESULTS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

Sample: WB-4 **Lab ID: 5030546009** Collected: 09/18/09 13:20 Received: 09/23/09 11:01 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/28/09 10:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		09/28/09 10:08	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		09/28/09 10:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/28/09 10:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/28/09 10:08	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		09/28/09 10:08	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	103-65-1	
Styrene	ND	ug/L	5.0	1		09/28/09 10:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/28/09 10:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/28/09 10:08	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/28/09 10:08	127-18-4	
Toluene	ND	ug/L	5.0	1		09/28/09 10:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		09/28/09 10:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/28/09 10:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/28/09 10:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/28/09 10:08	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/28/09 10:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/28/09 10:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		09/28/09 10:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		09/28/09 10:08	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		09/28/09 10:08	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		09/28/09 10:08	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		09/28/09 10:08	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		09/28/09 10:08	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-126	1		09/28/09 10:08	460-00-4	
Toluene-d8 (S)	91	%	80-116	1		09/28/09 10:08	2037-26-5	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: OEXT/15065 — Analysis Method: EPA 8015 Mod Ext
QC Batch Method: EPA 3546 — Analysis Description: EPA 8015 Modified
Associated Lab Samples: 5030546001, 5030546002, 5030546003, 5030546004, 5030546005, 5030546006

METHOD BLANK: 348420 — Matrix: Solid
Associated Lab Samples: 5030546001, 5030546002, 5030546003, 5030546004, 5030546005, 5030546006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
High End Organics (C8-C34)	mg/kg	ND	10.0	09/24/09 12:17	
n-Pentacosane (S)	%	82	45-170	09/24/09 12:17	

LABORATORY CONTROL SAMPLE: 348421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
High End Organics (C8-C34)	mg/kg	83.3	65.5	79	41-139	
n-Pentacosane (S)	%			84	45-170	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348422 348423

Parameter	Units	5030541001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
High End Organics (C8-C34)	mg/kg	ND	111	111	85.3	92.9	68	75	40-146	9	20	
n-Pentacosane (S)	%						84	86	45-170		20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: OEXT/15068 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5030546001, 5030546003, 5030546004, 5030546005, 5030546006

METHOD BLANK: 348432 Matrix: Solid
Associated Lab Samples: 5030546001, 5030546003, 5030546004, 5030546005, 5030546006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	25.0	09/24/09 11:08	
Acenaphthene	ug/kg	ND	25.0	09/24/09 11:08	
Acenaphthylene	ug/kg	ND	25.0	09/24/09 11:08	
Anthracene	ug/kg	ND	25.0	09/24/09 11:08	
Benzo(a)anthracene	ug/kg	ND	25.0	09/24/09 11:08	
Benzo(a)pyrene	ug/kg	ND	25.0	09/24/09 11:08	
Benzo(b)fluoranthene	ug/kg	ND	25.0	09/24/09 11:08	
Benzo(g,h,i)perylene	ug/kg	ND	25.0	09/24/09 11:08	
Benzo(k)fluoranthene	ug/kg	ND	25.0	09/24/09 11:08	
Chrysene	ug/kg	ND	25.0	09/24/09 11:08	
Dibenz(a,h)anthracene	ug/kg	ND	25.0	09/24/09 11:08	
Fluoranthene	ug/kg	ND	25.0	09/24/09 11:08	
Fluorene	ug/kg	ND	25.0	09/24/09 11:08	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	25.0	09/24/09 11:08	
Naphthalene	ug/kg	ND	25.0	09/24/09 11:08	
Phenanthrene	ug/kg	ND	25.0	09/24/09 11:08	
Pyrene	ug/kg	ND	25.0	09/24/09 11:08	
2-Fluorobiphenyl (S)	%	99	45-120	09/24/09 11:08	
Terphenyl-d14 (S)	%	108	41-120	09/24/09 11:08	

LABORATORY CONTROL SAMPLE: 348433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	1670	1290	77	48-120	
Acenaphthene	ug/kg	1670	1360	82	54-118	
Acenaphthylene	ug/kg	1670	1340	80	54-129	
Anthracene	ug/kg	1670	1470	88	46-136	
Benzo(a)anthracene	ug/kg	1670	1380	83	55-125	
Benzo(a)pyrene	ug/kg	1670	1540	92	46-140	
Benzo(b)fluoranthene	ug/kg	1670	1500	90	46-137	
Benzo(g,h,i)perylene	ug/kg	1670	1410	84	41-124	
Benzo(k)fluoranthene	ug/kg	1670	1560	94	44-132	
Chrysene	ug/kg	1670	1470	88	54-121	
Dibenz(a,h)anthracene	ug/kg	1670	1360	81	44-133	
Fluoranthene	ug/kg	1670	1340	80	57-131	
Fluorene	ug/kg	1670	1310	79	56-123	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1370	82	42-133	
Naphthalene	ug/kg	1670	1450	87	48-117	
Phenanthrene	ug/kg	1670	1470	88	55-120	
Pyrene	ug/kg	1670	1590	95	56-124	
2-Fluorobiphenyl (S)	%			91	45-120	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

LABORATORY CONTROL SAMPLE: 348433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Terphenyl-d14 (S)	%			96	41-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348434 348435

Parameter	Units	5030546006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Methylnaphthalene	ug/kg	ND	1800	1800	993	862	55	48	25-123	14	20	
Acenaphthene	ug/kg	ND	1800	1800	1060	961	59	54	27-126	10	20	
Acenaphthylene	ug/kg	ND	1800	1800	1070	969	60	54	23-138	10	20	
Anthracene	ug/kg	ND	1800	1800	1100	981	61	55	22-136	11	20	
Benzo(a)anthracene	ug/kg	ND	1800	1800	1140	1020	62	56	20-134	11	20	
Benzo(a)pyrene	ug/kg	ND	1800	1800	1130	1030	62	56	20-137	9	20	
Benzo(b)fluoranthene	ug/kg	34.1	1800	1800	1330	1080	72	58	20-138	21	20	R1
Benzo(g,h,i)perylene	ug/kg	ND	1800	1800	1010	928	55	51	20-116	9	20	
Benzo(k)fluoranthene	ug/kg	ND	1800	1800	1070	1070	59	59	15-136	.05	20	
Chrysene	ug/kg	31.2	1800	1800	1130	1020	61	55	16-136	11	20	
Dibenz(a,h)anthracene	ug/kg	ND	1800	1800	983	934	55	52	15-129	5	20	
Fluoranthene	ug/kg	51.2	1800	1800	1170	1020	62	54	11-155	13	20	
Fluorene	ug/kg	ND	1800	1800	976	895	54	50	20-141	9	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1800	1800	1030	945	56	52	10-129	9	20	
Naphthalene	ug/kg	ND	1800	1800	1100	951	61	53	18-137	14	20	
Phenanthrene	ug/kg	29.4	1800	1800	1200	1070	65	58	20-180	12	20	
Pyrene	ug/kg	47.2	1800	1800	1340	1190	72	64	18-142	11	20	
2-Fluorobiphenyl (S)	%						60	64	45-120		20	
Terphenyl-d14 (S)	%						68	63	41-120		20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348717 348718

Parameter	Units	5030077011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Methylnaphthalene	ug/kg	ND	2100	2100	1250	1320	60	63	25-123	6	20	
Acenaphthene	ug/kg	ND	2100	2100	1330	1520	63	73	27-126	14	20	
Acenaphthylene	ug/kg	ND	2100	2100	1280	1480	61	70	23-138	15	20	
Anthracene	ug/kg	ND	2100	2100	1200	1400	56	66	22-136	15	20	
Benzo(a)anthracene	ug/kg	32.8	2100	2100	1000	1190	46	55	20-134	17	20	
Benzo(a)pyrene	ug/kg	43.3	2100	2100	986	1200	45	55	20-137	20	20	
Benzo(b)fluoranthene	ug/kg	55.9	2100	2100	988	1200	44	54	20-138	19	20	
Benzo(g,h,i)perylene	ug/kg	39.2	2100	2100	827	1000	38	46	20-116	19	20	
Benzo(k)fluoranthene	ug/kg	ND	2100	2100	1090	1300	51	61	15-136	17	20	
Chrysene	ug/kg	44.1	2100	2100	1100	1300	50	60	16-136	16	20	
Dibenz(a,h)anthracene	ug/kg	ND	2100	2100	870	1050	41	49	15-129	19	20	
Fluoranthene	ug/kg	62.4	2100	2100	1060	1250	48	56	11-155	16	20	
Fluorene	ug/kg	ND	2100	2100	1180	1340	56	64	20-141	13	20	
Indeno(1,2,3-cd)pyrene	ug/kg	31.6	2100	2100	848	1030	39	48	10-129	19	20	
Naphthalene	ug/kg	ND	2100	2100	1440	1530	67	71	18-137	6	20	1d

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348717 348718

Parameter	Units	5030077011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenanthrene	ug/kg	75.2	2100	2100	1280	1480	58	67	20-180	14	20	
Pyrene	ug/kg	66.9	2100	2100	1260	1480	57	67	18-142	16	20	
2-Fluorobiphenyl (S)	%						76	85	45-120		20	
Terphenyl-d14 (S)	%						66	77	41-120		20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: MPRP/4834 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 5030546001, 5030546002, 5030546006

METHOD BLANK: 348796 Matrix: Solid
Associated Lab Samples: 5030546001, 5030546002, 5030546006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	09/24/09 18:29	
Barium	mg/kg	ND	2.0	09/24/09 18:29	
Cadmium	mg/kg	ND	2.0	09/24/09 18:29	
Chromium	mg/kg	ND	2.0	09/24/09 18:29	
Lead	mg/kg	ND	2.0	09/24/09 18:29	
Selenium	mg/kg	ND	2.0	09/24/09 18:29	
Silver	mg/kg	ND	2.0	09/24/09 18:29	

LABORATORY CONTROL SAMPLE: 348797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.9	98	80-120	
Barium	mg/kg	50	49.1	98	80-120	
Cadmium	mg/kg	50	48.6	97	80-120	
Chromium	mg/kg	50	51.8	104	80-120	
Lead	mg/kg	50	48.4	97	80-120	
Selenium	mg/kg	50	48.2	96	80-120	
Silver	mg/kg	25	23.9	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348798 348799

Parameter	Units	5030546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	6.5	56.3	56.3	55.3	55.7	87	87	75-125	.8	20	
Barium	mg/kg	47.9	56.3	56.3	96.2	99.0	86	91	75-125	3	20	
Cadmium	mg/kg	ND	56.3	56.3	47.4	47.4	84	84	75-125	.05	20	
Chromium	mg/kg	13.3	56.3	56.3	65.1	64.9	92	92	75-125	.4	20	
Lead	mg/kg	16.6	56.3	56.3	59.4	59.4	76	76	75-125	.09	20	
Selenium	mg/kg	ND	56.3	56.3	48.2	47.7	85	84	75-125	1	20	
Silver	mg/kg	ND	28.2	28.2	24.4	24.4	87	87	75-125	.005	20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: OEXT/15090
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5030546002

METHOD BLANK: 348969
Matrix: Solid
Associated Lab Samples: 5030546002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	25.0	09/26/09 09:52	
Acenaphthene	ug/kg	ND	25.0	09/26/09 09:52	
Acenaphthylene	ug/kg	ND	25.0	09/26/09 09:52	
Anthracene	ug/kg	ND	25.0	09/26/09 09:52	
Benzo(a)anthracene	ug/kg	ND	25.0	09/26/09 09:52	
Benzo(a)pyrene	ug/kg	ND	25.0	09/26/09 09:52	
Benzo(b)fluoranthene	ug/kg	ND	25.0	09/26/09 09:52	
Benzo(g,h,i)perylene	ug/kg	ND	25.0	09/26/09 09:52	
Benzo(k)fluoranthene	ug/kg	ND	25.0	09/26/09 09:52	
Chrysene	ug/kg	ND	25.0	09/26/09 09:52	
Dibenz(a,h)anthracene	ug/kg	ND	25.0	09/26/09 09:52	
Fluoranthene	ug/kg	ND	25.0	09/26/09 09:52	
Fluorene	ug/kg	ND	25.0	09/26/09 09:52	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	25.0	09/26/09 09:52	
Naphthalene	ug/kg	ND	25.0	09/26/09 09:52	
Phenanthrene	ug/kg	ND	25.0	09/26/09 09:52	
Pyrene	ug/kg	ND	25.0	09/26/09 09:52	
2-Fluorobiphenyl (S)	%	98	45-120	09/26/09 09:52	
Terphenyl-d14 (S)	%	106	41-120	09/26/09 09:52	

LABORATORY CONTROL SAMPLE: 348970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	1670	1320	79	48-120	
Acenaphthene	ug/kg	1670	1440	86	54-118	
Acenaphthylene	ug/kg	1670	1420	85	54-129	
Anthracene	ug/kg	1670	1490	89	46-136	
Benzo(a)anthracene	ug/kg	1670	1460	88	55-125	
Benzo(a)pyrene	ug/kg	1670	1570	94	46-140	
Benzo(b)fluoranthene	ug/kg	1670	1580	95	46-137	
Benzo(g,h,i)perylene	ug/kg	1670	1410	84	41-124	
Benzo(k)fluoranthene	ug/kg	1670	1560	93	44-132	
Chrysene	ug/kg	1670	1500	90	54-121	
Dibenz(a,h)anthracene	ug/kg	1670	1390	83	44-133	
Fluoranthene	ug/kg	1670	1390	83	57-131	
Fluorene	ug/kg	1670	1350	81	56-123	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1410	85	42-133	
Naphthalene	ug/kg	1670	1450	87	48-117	
Phenanthrene	ug/kg	1670	1530	92	55-120	
Pyrene	ug/kg	1670	1630	98	56-124	
2-Fluorobiphenyl (S)	%			95	45-120	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

LABORATORY CONTROL SAMPLE: 348970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Terphenyl-d14 (S)	%			98	41-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348971 348972

Parameter	Units	5030592011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Methylnaphthalene	ug/kg	9.6 mg/kg	1900	1900	12300	17100	144	395	25-123	32	20	M0,R1
Acenaphthene	ug/kg	0.037 mg/kg	1900	1900	1200	1270	61	65	27-126	6	20	
Acenaphthylene	ug/kg	ND	1900	1900	1220	1290	64	68	23-138	6	20	
Anthracene	ug/kg	ND	1900	1900	1050	1120	55	58	22-136	6	20	
Benzo(a)anthracene	ug/kg	0.042 mg/kg	1900	1900	1150	1220	58	62	20-134	6	20	
Benzo(a)pyrene	ug/kg	0.041 mg/kg	1900	1900	1120	1190	57	61	20-137	6	20	
Benzo(b)fluoranthene	ug/kg	0.048 mg/kg	1900	1900	1300	1280	66	65	20-138	.9	20	
Benzo(g,h,i)perylene	ug/kg	0.031 mg/kg	1900	1900	985	1020	50	52	20-116	4	20	
Benzo(k)fluoranthene	ug/kg	0.034 mg/kg	1900	1900	1050	1130	54	58	15-136	7	20	
Chrysene	ug/kg	0.043 mg/kg	1900	1900	1090	1150	55	59	16-136	5	20	
Dibenz(a,h)anthracene	ug/kg	ND	1900	1900	1010	1040	53	54	15-129	3	20	
Fluoranthene	ug/kg	0.066 mg/kg	1900	1900	1070	1200	53	60	11-155	11	20	
Fluorene	ug/kg	ND	1900	1900	1090	1150	56	59	20-141	5	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1900	1900	1010	1040	52	54	10-129	3	20	
Naphthalene	ug/kg	6.5 mg/kg	1900	1900	8510	11900	106	287	18-137	34	20	M0,R1
Phenanthrene	ug/kg	0.078 mg/kg	1900	1900	1210	1400	60	70	20-180	14	20	
Pyrene	ug/kg	0.071 mg/kg	1900	1900	1290	1410	64	71	18-142	9	20	
2-Fluorobiphenyl (S)	%						72	72	45-120		20	
Terphenyl-d14 (S)	%						77	74	41-120		20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: MSV/18875 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5030546007, 5030546008, 5030546009

METHOD BLANK: 350188 Matrix: Water
Associated Lab Samples: 5030546007, 5030546008, 5030546009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	09/28/09 08:39	
1,1,1-Trichloroethane	ug/L	ND	5.0	09/28/09 08:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	09/28/09 08:39	
1,1,2-Trichloroethane	ug/L	ND	5.0	09/28/09 08:39	
1,1-Dichloroethane	ug/L	ND	5.0	09/28/09 08:39	
1,1-Dichloroethene	ug/L	ND	5.0	09/28/09 08:39	
1,1-Dichloropropene	ug/L	ND	5.0	09/28/09 08:39	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	09/28/09 08:39	
1,2,3-Trichloropropane	ug/L	ND	5.0	09/28/09 08:39	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	09/28/09 08:39	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	09/28/09 08:39	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	09/28/09 08:39	
1,2-Dichlorobenzene	ug/L	ND	5.0	09/28/09 08:39	
1,2-Dichloroethane	ug/L	ND	5.0	09/28/09 08:39	
1,2-Dichloropropane	ug/L	ND	5.0	09/28/09 08:39	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	09/28/09 08:39	
1,3-Dichlorobenzene	ug/L	ND	5.0	09/28/09 08:39	
1,3-Dichloropropane	ug/L	ND	5.0	09/28/09 08:39	
1,4-Dichlorobenzene	ug/L	ND	5.0	09/28/09 08:39	
1,4-Dioxane (p-Dioxane)	ug/L	ND	100	09/28/09 08:39	
2,2-Dichloropropane	ug/L	ND	5.0	09/28/09 08:39	
2-Butanone (MEK)	ug/L	ND	25.0	09/28/09 08:39	
2-Chlorotoluene	ug/L	ND	5.0	09/28/09 08:39	
2-Hexanone	ug/L	ND	25.0	09/28/09 08:39	
4-Chlorotoluene	ug/L	ND	5.0	09/28/09 08:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	09/28/09 08:39	
Acetone	ug/L	ND	100	09/28/09 08:39	
Acrolein	ug/L	ND	100	09/28/09 08:39	
Acrylonitrile	ug/L	ND	100	09/28/09 08:39	
Benzene	ug/L	ND	5.0	09/28/09 08:39	
Bromobenzene	ug/L	ND	5.0	09/28/09 08:39	
Bromochloromethane	ug/L	ND	5.0	09/28/09 08:39	
Bromodichloromethane	ug/L	ND	5.0	09/28/09 08:39	
Bromoform	ug/L	ND	5.0	09/28/09 08:39	
Bromomethane	ug/L	ND	5.0	09/28/09 08:39	
Carbon disulfide	ug/L	ND	10.0	09/28/09 08:39	
Carbon tetrachloride	ug/L	ND	5.0	09/28/09 08:39	
Chlorobenzene	ug/L	ND	5.0	09/28/09 08:39	
Chloroethane	ug/L	ND	5.0	09/28/09 08:39	
Chloroform	ug/L	ND	5.0	09/28/09 08:39	
Chloromethane	ug/L	ND	5.0	09/28/09 08:39	
cis-1,2-Dichloroethene	ug/L	ND	5.0	09/28/09 08:39	
cis-1,3-Dichloropropene	ug/L	ND	5.0	09/28/09 08:39	

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(317)875-5894

QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

METHOD BLANK: 350188 Matrix: Water

Associated Lab Samples: 5030546007, 5030546008, 5030546009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	5.0	09/28/09 08:39	
Dibromomethane	ug/L	ND	5.0	09/28/09 08:39	
Dichlorodifluoromethane	ug/L	ND	5.0	09/28/09 08:39	
Ethyl methacrylate	ug/L	ND	100	09/28/09 08:39	
Ethylbenzene	ug/L	ND	5.0	09/28/09 08:39	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	09/28/09 08:39	
Iodomethane	ug/L	ND	10.0	09/28/09 08:39	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	09/28/09 08:39	
Methyl-tert-butyl ether	ug/L	ND	4.0	09/28/09 08:39	
Methylene chloride	ug/L	ND	5.0	09/28/09 08:39	
n-Butylbenzene	ug/L	ND	5.0	09/28/09 08:39	
n-Hexane	ug/L	ND	5.0	09/28/09 08:39	
n-Propylbenzene	ug/L	ND	5.0	09/28/09 08:39	
Naphthalene	ug/L	ND	5.0	09/28/09 08:39	
p-Isopropyltoluene	ug/L	ND	5.0	09/28/09 08:39	
sec-Butylbenzene	ug/L	ND	5.0	09/28/09 08:39	
Styrene	ug/L	ND	5.0	09/28/09 08:39	
tert-Butylbenzene	ug/L	ND	5.0	09/28/09 08:39	
Tetrachloroethene	ug/L	ND	5.0	09/28/09 08:39	
Toluene	ug/L	ND	5.0	09/28/09 08:39	
trans-1,2-Dichloroethene	ug/L	ND	5.0	09/28/09 08:39	
trans-1,3-Dichloropropene	ug/L	ND	5.0	09/28/09 08:39	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	09/28/09 08:39	
Trichloroethene	ug/L	ND	5.0	09/28/09 08:39	
Trichlorofluoromethane	ug/L	ND	5.0	09/28/09 08:39	
Vinyl acetate	ug/L	ND	10.0	09/28/09 08:39	
Vinyl chloride	ug/L	ND	2.0	09/28/09 08:39	
Xylene (Total)	ug/L	ND	10.0	09/28/09 08:39	
4-Bromofluorobenzene (S)	%	101	70-126	09/28/09 08:39	
Dibromofluoromethane (S)	%	103	80-123	09/28/09 08:39	
Toluene-d8 (S)	%	95	80-116	09/28/09 08:39	

LABORATORY CONTROL SAMPLE: 350189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.1	88	69-130	
1,1,1-Trichloroethane	ug/L	50	49.8	100	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	69-131	
1,1,2-Trichloroethane	ug/L	50	53.2	106	77-132	
1,1-Dichloroethane	ug/L	50	55.2	110	67-133	
1,1-Dichloroethene	ug/L	50	57.1	114	63-128	
1,1-Dichloropropene	ug/L	50	49.1	98	75-134	
1,2,3-Trichlorobenzene	ug/L	50	46.4	93	58-131	
1,2,3-Trichloropropane	ug/L	50	44.0	88	60-131	
1,2,4-Trichlorobenzene	ug/L	50	43.8	88	60-130	

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(317)875-5894

QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

LABORATORY CONTROL SAMPLE: 350189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	75-126	
1,2-Dichlorobenzene	ug/L	50	51.1	102	76-124	
1,2-Dichloroethane	ug/L	50	49.2	98	69-139	
1,2-Dichloropropane	ug/L	50	53.0	106	76-129	
1,3,5-Trimethylbenzene	ug/L	50	47.2	94	74-130	
1,3-Dichlorobenzene	ug/L	50	50.7	101	76-125	
1,3-Dichloropropane	ug/L	50	51.2	102	74-126	
1,4-Dichlorobenzene	ug/L	50	49.5	99	75-122	
1,4-Dioxane (p-Dioxane)	ug/L		ND			
2,2-Dichloropropane	ug/L	50	42.5	85	53-144	
2-Butanone (MEK)	ug/L	250	307	123	47-189	
2-Chlorotoluene	ug/L	50	47.4	95	72-128	
2-Hexanone	ug/L	250	297	119	57-167	
4-Chlorotoluene	ug/L	50	49.4	99	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	276	111	61-135	
Acetone	ug/L	250	397	159	30-170	
Acrolein	ug/L	1000	328	33	30-170	
Acrylonitrile	ug/L	1000	1210	121	67-136	
Benzene	ug/L	50	51.9	104	78-127	
Bromobenzene	ug/L	50	49.6	99	62-139	
Bromochloromethane	ug/L	50	53.1	106	54-162	
Bromodichloromethane	ug/L	50	55.2	110	69-133	
Bromoform	ug/L	50	50.6	101	60-127	
Bromomethane	ug/L	50	75.2	150	30-170	
Carbon disulfide	ug/L	100	118	118	58-152	
Carbon tetrachloride	ug/L	50	43.4	87	62-143	
Chlorobenzene	ug/L	50	50.4	101	75-123	
Chloroethane	ug/L	50	76.5	153	56-153	
Chloroform	ug/L	50	52.1	104	74-131	
Chloromethane	ug/L	50	54.5	109	35-147	
cis-1,2-Dichloroethene	ug/L	50	51.6	103	74-128	
cis-1,3-Dichloropropene	ug/L	50	43.1	86	58-123	
Dibromochloromethane	ug/L	50	48.7	97	66-131	
Dibromomethane	ug/L	50	55.9	112	73-133	
Dichlorodifluoromethane	ug/L	50	48.2	96	30-170	
Ethyl methacrylate	ug/L	50	48.1J	96	59-138	
Ethylbenzene	ug/L	50	51.1	102	81-126	
Hexachloro-1,3-butadiene	ug/L	50	47.0	94	70-130	
Iodomethane	ug/L	100	146	146	41-170	
Isopropylbenzene (Cumene)	ug/L	50	51.3	103	80-130	
Methyl-tert-butyl ether	ug/L	100	120	120	66-147	
Methylene chloride	ug/L	50	55.3	111	32-164	
n-Butylbenzene	ug/L	50	45.3	91	68-135	
n-Hexane	ug/L	50	60.1	120	69-157	
n-Propylbenzene	ug/L	50	47.4	95	71-132	
Naphthalene	ug/L	50	44.9	90	61-135	
p-Isopropyltoluene	ug/L	50	48.1	96	66-131	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

LABORATORY CONTROL SAMPLE: 350189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	47.8	96	73-130	
Styrene	ug/L	50	53.6	107	74-128	
tert-Butylbenzene	ug/L	50	36.7	73	63-117	
Tetrachloroethene	ug/L	50	48.6	97	60-119	
Toluene	ug/L	50	49.3	99	75-129	
trans-1,2-Dichloroethene	ug/L	50	60.1	120	71-126	
trans-1,3-Dichloropropene	ug/L	50	39.2	78	54-123	
trans-1,4-Dichloro-2-butene	ug/L	50	43.2J	86	47-141	
Trichloroethene	ug/L	50	52.1	104	74-130	
Trichlorofluoromethane	ug/L	50	58.2	116	62-150	
Vinyl acetate	ug/L	200	235	117	41-145	
Vinyl chloride	ug/L	50	55.4	111	55-141	
Xylene (Total)	ug/L	150	155	104	76-132	
4-Bromofluorobenzene (S)	%			104	70-126	
Dibromofluoromethane (S)	%			101	80-123	
Toluene-d8 (S)	%			95	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 350190 350191

Parameter	Units	5030522001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	34.5	38.8	69	78	55-131	12	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	42.2	49.3	84	99	64-143	15	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	43.2	45.8	86	92	64-142	6	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	43.9	46.5	88	93	71-143	6	20	
1,1-Dichloroethane	ug/L	ND	50	50	49.9	53.8	100	108	68-139	8	20	
1,1-Dichloroethene	ug/L	ND	50	50	58.0	61.4	116	123	55-140	6	20	
1,1-Dichloropropene	ug/L	ND	50	50	47.3	51.6	95	103	66-140	9	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	38.1	41.4	76	83	33-140	8	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	35.4	38.2	71	76	58-133	8	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	36.8	40.0	74	80	28-140	8	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	42.0	43.8	84	88	39-146	4	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	41.7	44.7	83	89	67-134	7	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	41.9	44.6	84	89	48-137	6	20	
1,2-Dichloroethane	ug/L	ND	50	50	43.3	47.8	87	96	63-148	10	20	
1,2-Dichloropropane	ug/L	ND	50	50	46.0	49.1	92	98	70-136	7	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	43.7	45.4	87	91	39-145	4	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	42.3	44.8	85	90	40-143	6	20	
1,3-Dichloropropane	ug/L	ND	50	50	42.5	45.5	85	91	65-133	7	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	42.6	43.6	85	87	38-142	2	20	
1,4-Dioxane (p-Dioxane)	ug/L	ND			ND	ND					20	
2,2-Dichloropropane	ug/L	ND	50	50	28.9	36.3	58	73	35-157	23	20	R1
2-Butanone (MEK)	ug/L	ND	250	250	225	248	90	99	62-132	10	20	
2-Chlorotoluene	ug/L	ND	50	50	44.1	44.7	88	89	44-143	1	20	
2-Hexanone	ug/L	ND	250	250	222	241	89	96	61-141	8	20	
4-Chlorotoluene	ug/L	ND	50	50	44.4	46.9	89	94	43-140	5	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	222	243	89	97	57-135	9	20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 350190 350191

Parameter	Units	5030522001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/L	ND	250	250	265	287	106	115	30-170	8	20	
Acrolein	ug/L	ND	1000	1000	1050	1140	105	114	30-170	9	20	
Acrylonitrile	ug/L	ND	1000	1000	1050	1130	105	113	66-137	8	20	
Benzene	ug/L	ND	50	50	48.1	51.8	96	104	63-141	8	20	
Bromobenzene	ug/L	ND	50	50	43.5	43.6	87	87	57-128	.2	20	
Bromochloromethane	ug/L	ND	50	50	47.5	51.3	95	103	65-157	8	20	
Bromodichloromethane	ug/L	ND	50	50	45.4	51.0	91	102	63-135	12	20	
Bromoform	ug/L	ND	50	50	37.8	40.4	76	81	58-124	7	20	
Bromomethane	ug/L	ND	50	50	66.2	74.9	132	150	30-170	12	20	
Carbon disulfide	ug/L	ND	100	100	118	125	118	125	46-162	5	20	
Carbon tetrachloride	ug/L	ND	50	50	36.1	42.4	72	85	54-145	16	20	
Chlorobenzene	ug/L	ND	50	50	43.5	45.8	87	92	56-133	5	20	
Chloroethane	ug/L	ND	50	50	69.9	71.9	140	144	54-157	3	20	
Chloroform	ug/L	ND	50	50	46.8	50.1	94	100	67-134	7	20	
Chloromethane	ug/L	ND	50	50	51.9	56.1	104	112	36-137	8	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	47.3	50.4	95	101	65-132	6	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	32.8	36.1	66	72	46-121	10	20	
Dibromochloromethane	ug/L	ND	50	50	38.8	41.8	78	84	64-124	7	20	
Dibromomethane	ug/L	ND	50	50	48.2	52.8	96	106	67-144	9	20	
Dichlorodifluoromethane	ug/L	ND	50	50	48.7	51.9	97	104	30-163	6	20	
Ethyl methacrylate	ug/L	ND	50	50	36.9J	41.8J	74	84	52-140		20	
Ethylbenzene	ug/L	ND	50	50	43.3	45.7	87	91	44-151	5	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	42.1	45.5	84	91	30-145	8	20	
Iodomethane	ug/L	ND	100	100	144	156	144	156	28-168	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	46.2	46.4	92	93	40-148	.4	20	
Methyl-tert-butyl ether	ug/L	ND	100	100	99.8	111	100	111	52-156	11	20	
Methylene chloride	ug/L	ND	50	50	52.0	55.7	104	111	46-154	7	20	
n-Butylbenzene	ug/L	ND	50	50	41.8	43.8	84	88	27-153	4	20	
n-Hexane	ug/L	ND	50	50	64.8	70.3	130	141	32-176	8	20	
n-Propylbenzene	ug/L	ND	50	50	44.3	45.9	89	92	40-148	3	20	
Naphthalene	ug/L	ND	50	50	35.6	38.5	71	77	44-138	8	20	
p-Isopropyltoluene	ug/L	ND	50	50	43.7	45.7	87	91	34-146	5	20	
sec-Butylbenzene	ug/L	ND	50	50	43.1	46.3	86	93	38-150	7	20	
Styrene	ug/L	ND	50	50	47.4	47.0	95	94	38-141	1	20	
tert-Butylbenzene	ug/L	ND	50	50	32.8	34.7	66	69	32-133	6	20	
Tetrachloroethene	ug/L	251	50	50	252	256	2	9	25-146	1	20	M0
Toluene	ug/L	ND	50	50	43.9	46.3	88	93	59-142	5	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	59.8	61.7	120	123	60-137	3	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	27.9	31.8	56	64	43-117	13	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	35.2J	38.1J	70	76	44-139		20	
Trichloroethene	ug/L	ND	50	50	47.8	51.0	96	102	61-137	6	20	
Trichlorofluoromethane	ug/L	ND	50	50	62.8	67.5	126	135	53-162	7	20	
Vinyl acetate	ug/L	ND	200	200	181	208	91	104	24-132	13	20	
Vinyl chloride	ug/L	ND	50	50	55.0	58.5	110	117	51-144	6	20	
Xylene (Total)	ug/L	ND	150	150	138	142	92	95	44-152	3	20	
4-Bromofluorobenzene (S)	%						106	98	70-126		20	
Dibromofluoromethane (S)	%						103	106	80-123		20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 350190 350191

Parameter	Units	5030522001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						95	94	80-116		20	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: PMST/3970 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 5030546001, 5030546002, 5030546003, 5030546004, 5030546005, 5030546006

SAMPLE DUPLICATE: 350939

Parameter	Units	5030707001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.9	9.5	19	5	R1

SAMPLE DUPLICATE: 350940

Parameter	Units	5030553005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.1	20.6	2	5	

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QUALITY CONTROL DATA

Project: 32 Acre Blair Property
Pace Project No.: 5030546

QC Batch: MERP/2268 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 5030546001, 5030546002, 5030546006

METHOD BLANK: 351170 Matrix: Solid
Associated Lab Samples: 5030546001, 5030546002, 5030546006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.33	10/02/09 10:45	

LABORATORY CONTROL SAMPLE: 351171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 351172 351173

Parameter	Units	5030707001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.52	.56	0.53	0.57	98	99	75-125	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 351174 351175

Parameter	Units	5030703001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.48	.52	0.55	0.59	101	101	75-125	6	20	

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Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALIFIERS

Project: 32 Acre Blair Property
Pace Project No.: 5030546

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

ANALYTE QUALIFIERS

1d	Sample extraction occurred outside of method recommended hold-time. DT 09-24-2009
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1248258

Section A Required Client Information:

Company: Weaver Bros Consultants
Address: 4085 Meghan Beeler Ct South Bend IN
Email To: Steve Stanford
Phone: 574.271.3447 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Steve Stanford
Copy To:
Purchase Order No.:
Project Name: 32 Acre Blair Property
Project Number: 2695-357-03

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): TPH-ERO	PAH	Metals (Total RCRA)	VOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
										Preservatives								Requested Analysis Filtered (Y/N)					
1	WB-1 @ 0-1'	SL				9/21	0835		2	✓								✓	✓	✓			001
2	WB-1	WT				9/21	0905		3				✓								✓		002
3	WB-2 @ 0-1'	SL				9/18	1525		2	✓								✓	✓	✓			002
4	WB-2 @ 8-9'	SL				9/18	1535		1	✓								✓	✓				003
5	WB-3 @ 8-9'	SL				9/18	1425		1	✓								✓	✓				004
6	WB-3	WT				9/18	1435		3				✓								✓		008
7	WB-4 @ 8-9'	SL				9/18	1255		1	✓								✓	✓				005
8	WB-4	WT				9/18	1320		3				✓										009
9	WB-6 @ 0-1	SL				9/21	1015		2	✓								✓	✓	✓			006
10																							
11																							
12																							

5038546

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Jodi Slough / WBC	9/22/09	3:30p	Marcia Bennett	9/23/09	11:01a	1.3C	Y	Y	

Fedex 8696 0710 4520 ORIGINAL
w/ice

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jodi Slough

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/22/09

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: Weaver Boos Project # 5C30546

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8696 0716 4520

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used 1 2 3 4 5 6 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.3°C **Biological Tissue is Frozen:** Yes (No)

Date and Initials of person examining contents: MB 9/23/09

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☑N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☑N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: Soil + water		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 9/23/01

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

LIENT: Weaver Boos

Pace Analytical
www.pacelabs.com

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C ID# 1248258

Project # _____

mple Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			2													
2	3															
3			2													
4			1													
5			1													
6	3															
7			1													(depth not written on jar MB 9/23/09)
8	3															
9			2													
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar-w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag