BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL, ENVIRONMENTAL AND CONSTRUCTION MATERIALS CONSULTANTS

REPORT OF LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

VOLVO CONSTRUCTION EQUIPMENT
2169 HENDERSONVILLE ROAD
ARDEN, BUNCOMBE COUNTY, NORTH CAROLINA

Prepared For

Mr. Jon E. Creighton
Buncombe County Planning Department
46 Valley Street
Asheville, North Carolina 28801

Prepared By

Bunnell-Lammons Engineering, Inc.
6004 Ponders Court
Greenville, South Carolina 29615

June 24, 2011

BLE Project No. J11-7389-03

BUNNELL-LAMMONS ENGINEERING, INC.
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Mr. Jon E. Creighton
Buncombe County Planning Department
46 Valley Street
Asheville, North Carolina 28801

Subject: **Report of Limited Phase II Environmental Site Assessment**
Volvo Construction Equipment Site
2169 Hendersonville Road
Arden, North Carolina 28776
BLE Project Number J11-7389-03

Dear Mr. Creighton:

Bunnell-Lammons Engineering, Inc. (BLE) is pleased to submit this report of our Limited Phase II Environmental Site Assessment (ESA) for the subject property. Our services were performed as outlined in BLE Proposal No. P11-0279 and subsequent addendums. The purpose of this assessment was to investigate specific areas of the site identified for possible environmental impacts. From these results, the objective was to determine if the subject property has been contaminated by on site environmental conditions.

The findings and recommendations contained herein are based upon the data that was reviewed and documented in this report along with our experience on similar projects. The discovery of any additional information concerning the environmental conditions at the site should be reported to us for our review so that we can reassess potential environmental impacts and modify our recommendations, if necessary.

We appreciate the opportunity to work with you on this project. Please call us if you have any questions or if we may be of further service.

Sincerely,

BUNNELL-LAMMONS ENGINEERING, INC.

Trever Z. Slack, P.G.
Project Hydrogeologist
Licensed, North Carolina No. 2294

Thomas L. Lammons, P.G., CHMM
Principal Geologist
Licensed, North Carolina No. 1264

6004 PONDERS COURT
GREENVILLE, SOUTH CAROLINA 29615

PHONE (864) 288-1265
FAX (864) 288-4430

PROJECT INFORMATION

The following project information was obtained from site reconnaissance, regulatory database search, a review of historical documents provided for BLE's use, and interviews with knowledgeable persons during a Phase I Environmental Site Assessment (ESA) conducted by BLE at the subject site.

The approximate 67-acre site, located at 2169 Hendersonville Road in Arden, North Carolina (Figure 1), is currently vacant. On-site structures include an approximate 177,300 square foot vehicle fabrication building located on the eastern portion of the site (*Fabrication Building*), an approximate 163,100 square foot vehicle assembly building located on the central portion of the site (*Assembly Building*), an approximate 30,700 square foot final paint building located along the western portion of the property (*Final Paint Building*), an approximate 15,600 square foot office building located between the *Fabrication Building* and *Assembly Building* on the southern-central portion of the site, an exterior paint blasting shed located on the eastern portion of the site, a covered hazardous materials storage area located between the *Fabrication Building* and *Assembly Building* on the northern-central portion of the site, a paved parking area located on the southeastern portion of the site, and a test track located on the northeastern portion of the site.

The subject site has been utilized as a manufacturing facility for tow motors and forklifts since circa 1978 by Clark Equipment Co., and more recently as a manufacturing/assembly facility for large construction equipment by VME Americas, Inc. and Volvo Construction Equipment (VCE). Adjoining properties consist of Long Shoals Road and residential properties to the north; Hendersonville Road along with residential, commercial, and industrial development properties to the east; Lake Julian, undeveloped land, and a rail line to the south; and Lake Julian to the west.

Based upon observations during the Phase I Environmental Site Assessment site reconnaissance and a review of historical documents provided for BLE's use, specific areas were identified for possible environmental impacts based on historical facility operations and industrial processes. The most likely areas of possible environmental impact are shown on Figure 2 and listed below:

1. Assembly Building (including west retention pond)
2. Fabrication Building
3. Former Drum Storage and Waste Oil Above Ground Storage Tanks (ASTs)
4. Former Hazardous Materials Storage Area, Paint Storage Area, and Underground Storage Tank (UST)/AST Area
5. Former Sand Blasting Shed
6. Final Paint Building
7. Former Hazardous Waste Storage Area (Clark Equipment Co., circa 1970s – 1980s)
8. Former Solvent Storage Areas

SCOPE OF WORK COMPLETED

In accordance with our *Proposal for Limited Phase II Environmental Site Assessment,* dated May 20, 2011, and our *Addendum to Proposal for Limited Phase II Environmental Site Assessment,* dated May 27, 2011, BLE was authorized to perform a Limited Phase II ESA of the approximate

67-acre property. The objectives of this assessment were to assess the groundwater and/or soil quality at selected locations to identify possible environmental impacts.

On May 23 through May 26, 2011, twenty-three borings (BGW-1 through BGW-23) were advanced to groundwater or refusal (which is generally interpreted as bedrock) using a Geoprobe® 6620DT Track Mounted Direct Push Technology drill rig (Figure 2). Eight of the borings (BGW-2, BGW-3, BGW-6, BGW-8, BGW-9, BGW-13, BGW-14, and BGW-17) encountered probe refusal prior to encountering groundwater. For borings where groundwater was encountered, a groundwater sample was collected and submitted for laboratory analysis of volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B, semivolatile organic compounds (SVOCs) by EPA Method 8270C, and/or dissolved 8-RCRA metals by EPA Method 6010C and 7470A. Additionally, a groundwater sample was collected from an existing permanent groundwater monitoring well (MW) located on site in the former UST area and submitted for laboratory analysis of VOCs, SVOCs, and Massachusetts Department of Environmental Protection – Extractable Petroleum Hydrocarbons (MADEP-EPH). Five soil borings were also performed using the Geoprobe drill; four soil borings in the area of the exterior sand blasting shed (BSB-1 through BSB-4) and one background soil boring near the northeastern property boundary (BSB-5). Samples from three of the four samples in the area of the exterior sand blasting shed and the background sample were submitted for laboratory analysis of 8-RCRA metals by EPA Method 6010C and 7470B. The sample jar for BSB-1 was broken in transit to the laboratory and was therefore not analyzed.

On May 27, 2011, five additional borings were advanced into the bedrock utilizing a Schramm T450WS Air Rotary Hammer Drill at select locations where Geoprobe refusal was encountered (Figure 2). Groundwater samples were collected from each of these borings and submitted for laboratory analysis of VOCs and SVOCs.

FIELD METHODOLOGY

On May 23, 2011, a Geoprobe® drill rig was mobilized to the site to collect groundwater samples using a Geoprobe Systems® Screen Point Sampler. For locations where groundwater recovery was slow, the Geoprobe® sampler was removed and a temporary 1-inch polyvinyl chloride (PVC) well casing with a 5-foot, 0.010-inch wide slotted screen was installed to the termination depth of the borehole to allow more time for groundwater recovery. A sand filter pack was installed to the top of the screen. Depth to groundwater measurements were collected for each of the temporary monitoring wells and a groundwater sample was collected using a disposable polyethylene bailer and submitted for laboratory analysis. Groundwater sampling procedures are described in Appendix A. Well depths for the temporary groundwater monitoring wells are summarized on Table 1. Borings BGW-2, BGW-3, BGW-6, BGW-8, BGW-9, BGW-13, BGW-14, and BGW-17 encountered refusal prior to encountering groundwater. Upon completion of sampling activities, the temporary well casings and screen were removed from the boreholes and the boreholes were abandoned using a bentonite-cement grout via tremie methods.

The Geoprobe® drill was also used to collect five soil samples from the exterior sand blasting shed and from a background location. A representative soil sample was collected from the desired depth of the macrocore sample or hand auger boring for SB-1, SB-2, SB-3, SB-4, and SB-5 and submitted for laboratory analysis. The sample jar for BSB-1 was broken in transit to the laboratory and was

therefore not analyzed. Soil sampling procedures are described in Appendix A.

On May 28, 2011, a Schramm T450WS Air Rotary Hammer Drill was mobilized to the site and used to advance five borings (BR-1 through BR-5) into the bedrock at select locations where Geoprobe refusal was encountered prior to encountering groundwater. The borings were advanced into the bedrock until groundwater was encountered and a temporary 2-inch PVC casing with a 10-foot, 0.010-inch slotted screen was installed to the termination depth of each borehole for groundwater sample collection. Schramm drilling, temporary monitoring well installation, and sampling procedures are described in Appendix A. Boring logs and temporary monitoring well installation diagrams are included in Appendix B. Upon completion of sampling activities, the temporary monitoring wells were abandoned by tremie grouting using a bentonite cement grout. Well abandonment procedures are described in Appendix A.

BORING LOCATIONS AND JUSTIFICATION

Boring locations were selected to characterize the groundwater and/or soil at each of the six areas identified for possible environmental impacts as described below.

Assembly Building (including west retention pond)

Six borings (BGW-14, BGW-15, BGW-16, BR-2, and BR-4) were performed adjacent to and downgradient of the *Assembly Building* to investigate groundwater impacts from historical facility operations inside the building, including: paint booths, trench drains, sump pits, a wash bay, a paint kitchen, the western retention pond with an oil/water separator, underground AST product piping (containing diesel oil, hydraulic oil, motor oil, transmission fluid, and antifreeze), historical presence of UST product piping (containing hydraulic oil, diesel fuel, waste/hydraulic oil, engine oil, and antifreeze), fueling stations (product unknown), the possible presence of historical ASTs adjacent to the building (product unknown), solvent storage, and a diesel fuel storage area. The approximate locations of these operations and the boring locations are shown on Figure 2. A description of each boring location is included below:

BGW-13/BR-2: Boring BGW-13 was located near the northwestern corner of the *Assembly Building* adjacent to and downgradient of a former diesel and solvent storage area and paint booth. Groundwater was not encountered prior to Geoprobe refusal at approximately 24 feet below ground surface (bgs). Bedrock Boring BR-2 was installed adjacent to BGW-13 to a depth of 40.78 feet bgs. A groundwater sample was collected from BR-2 and analyzed for VOCs and SVOCs.

BGW-14: Boring BGW-14 was located near the southwestern corner of the *Assembly Building*. The boring was located at a major stormwater drain system and sanitary sewer system juncture. Groundwater was not encountered prior to Geoprobe refusal at approximately 29 feet bgs, therefore a groundwater sample was not submitted for laboratory analysis.

BGW-15/BGW-15R: Boring BGW-15R was located to the south of the *Assembly Building*. Boring BGW-15R was offset approximately 5-feet from initial boring BGW-15 after it encountered refusal at approximately 28 feet bgs prior to encountering groundwater. Boring

BGW-15R was advanced to approximately 31 feet bgs and a groundwater sample was collected and analyzed for SVOCs.

BGW-16: Boring BGW-16 was located at the southeast corner of the *Assembly Building,* and at a major juncture for the sanitary sewer and stormwater drain system that services the central portion of the site, including the hazardous waste storage area and former UST location. The boring was advanced to approximately 33 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BR-4: Boring BR-4 was located to the southwest of the *Assembly Building* and western retention pond. The boring was advanced into bedrock and a temporary groundwater monitoring well was installed to approximately 55.57 feet bgs. A groundwater sample was collected and submitted for laboratory analysis of VOCs and SVOCs.

Fabrication Building

Seven borings (BGW-2, BGW-3, BGW-4, BGW-20, BGW-21, BR-1, and BR-5) were performed adjacent to and downgradient of the *Fabrication Building* to investigate historical facility operations including a zinc phosphate coating area, sump pits, paint booths, a sand blast pit, a milling pit, a paint kitchen, a wash bay, and hazardous waste and solvent storage. The approximate locations of these operations and the boring locations are shown on Figure 2. A description of each boring location is included below:

BGW-2/BR-1: Boring BGW-2 was located on the southeastern corner of the existing bead blast/painting portion of the *Fabrication Building* in the approximate location of a former Clark Equipment hazardous waste storage area. Groundwater was not encountered prior to Geoprobe refusal at approximately 32 feet bgs. Boring BR-1 was advanced into bedrock adjacent to boring BGW-2 and a temporary groundwater monitoring well was installed to an approximate depth of 47.72 feet bgs. A groundwater sample was collected and analyzed for VOCs and SVOCs.

BGW-3: Boring BGW-3 was located in a drainage ditch adjacent to a juncture in the stormwater drain network that services the eastern portion of the site. Groundwater was not encountered prior to Geoprobe refusal at approximately 28 feet bgs, therefore, a groundwater sample was not collected for laboratory analysis.

BGW-4: Boring BGW-4 was located adjacent to an exterior storage shed historically utilized for solvent storage. Boring BGW-4 was also adjacent to and downgradient of a historical paint kitchen associated with the *Fabrication Building* operations. The boring was advanced to approximately 35 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BGW-20: Boring BGW-20 was located in a grassed island area within the employee parking lot, downgradient of the *Fabrication Building* and associated historical Clark Equipment hazardous waste storage area. The boring was advanced to approximately 44 feet bgs and a groundwater sample was collected and submitted for laboratory analysis of VOCs and SVOCs.

BGW-21: Boring BGW-21 was located east of the main retention pond and downgradient of the *Fabrication Building*. The boring was advanced to approximately 9 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BR-5: Boring BR-5 was located east of the main retention pond and downgradient of the *Fabrication Building*. The boring was advanced to 19.0 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

Former Drum Storage and Waste Oil ASTs

One boring (BGW-12) was performed downgradient of a former drum storage and waste Oil AST area. Boring BGW-12 was also downgradient of an oil/water separator associated with an *Assembly Building* vehicle wash area, historical UST product piping lines (containing hydraulic oil, diesel fuel, waste/hydraulic oil, engine oil, and antifreeze), and AST product piping lines (containing diesel oil, hydraulic oil, motor oil, transmission fluid, and antifreeze). The approximate locations of these operations and the boring location are shown on Figure 2. A description of the boring location is included below:

BGW-12: Boring BGW-12 was advanced to approximately 34 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

Former Hazardous Waste Storage Area, Paint Storage Area, and Former UST/AST Area

Eight borings (BGW-5, BGW-6, BGW-7, BGW-8, BGW-9, BGW-10, BGW-11, and BGW-23) were performed adjacent to and downgradient of the former hazardous waste storage area, paint storage area, former USTs and associated product piping (containing hydraulic oil, diesel fuel, waste/hydraulic oil, engine oil, and antifreeze), and ASTs and associated product piping (containing diesel oil, hydraulic oil, motor oil, transmission fluid, and antifreeze). An oil/water separator and possible AST location (unknown contents) in the area of the current power substation transformers were also located in this area. The approximate locations of these operations and the boring locations are shown on Figure 2. A description of each boring location is included below:

BGW-5: Boring BGW-5 was located south of the Hazardous Waste Storage Area. The boring was advanced to approximately 24 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BGW-6: Boring BGW-6 was located at the southwest corner of the Hazardous Waste Storage Area, downgradient of and adjacent to the historical location of UST product piping lines. Groundwater was not encountered prior to Geoprobe refusal at approximately 25 feet bgs, therefore a groundwater sample was not submitted for laboratory analysis.

BGW-7: Boring BGW-7 was located at the northeastern corner of the Hazardous Waste Storage Area in the former location of a vehicle wash area. The boring was advanced to approximately 19 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BGW-8: Boring BGW-8 was located between the former USTs and the former AST area. Groundwater was not encountered prior to Geoprobe refusal at 18 feet bgs, therefore, a

groundwater sample was not submitted for laboratory analysis.

BGW-9: Boring BGW-9 was located in the footprint of the former UST basin. Groundwater was not encountered prior to Geoprobe refusal at 13 feet bgs, and Geoprobe refusal at this location resulted from the probe striking a concrete pad that formed the bottom of the former UST basin. A groundwater sample was not submitted for laboratory analysis.

BGW-10: Boring BGW-10 was located at the southwestern corner and downgradient of the former UST and AST area. This boring was also approximately downgradient of the reported location of the historical oil/water separator. The boring was advanced to approximately 25 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BGW-11: Boring BGW-11 was located at the southeastern corner of the Hazardous Waste Storage Area and downgradient of the former UST basin. The boring was advanced to approximately 24 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

BGW-23: Boring BGW-23 was conducted south of and downgradient of the existing transformers/power substation located along the northern site boundary. ASTs of unknown contents were reported to have historically been located in the area of the current power substation. The boring was advanced to approximately 19 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

Final Paint Building

Four borings (BGW-17, BGW-18, BGW-22, and BR-3) were performed adjacent to and downgradient of the Final Paint Building to investigate historical facility operations including paint booths, a paint kitchen, wash areas, and a former gasoline storage tank. The approximate locations of these operations and the boring locations are shown on Figure 2. A description of each boring location is included below:

BGW-17/BR-3: Boring BGW-17 was located on the western side of the *Final Paint Building* downgradient of the approximate location of the former gasoline storage tank indicated on historical Clark Equipment Site Plans. Groundwater was not encountered prior to Geoprobe refusal at approximately 33 feet bgs, so boring BR-3 was drilled into bedrock using an air hammer drill rig and a temporary monitoring well was installed to a depth of 80.05 feet bgs. A groundwater sample was collected from the BR-3 boring and submitted for laboratory analysis of VOCs and SVOCs.

BGW-22: Boring BGW-22 was located on a perimeter gravel road west of the *Final Paint Building*. The boring was advanced to approximately 22 feet bgs and groundwater encountered at approximately 20 feet bgs. Groundwater samples were not collected from this boring since temporary monitoring well BR-3 was installed upgradient.

BGW-18: Boring BGW-18 was located to the southwest of and downgradient of the *Final Paint Building*. The boring was advanced to approximately 22 feet bgs and a groundwater sample was collected and analyzed for VOCs and SVOCs.

Exterior Sand Blasting Shed

One groundwater boring (BGW-1) and four soil borings (BSB-1, BSB-2, BSB-3, and BSB-4) were performed in the vicinity of the exterior sand blasting shed to investigate the impact of these historical activities. Sand blasting was conducted to strip primed and painted metal surfaces prior to final painting. The approximate location of the exterior paint blasting shed and the boring locations are shown on Figure 2. A description of each boring location is included below:

BGW-1: Boring BGW-1 was located to the south and downgradient of the existing *Exterior Paint Blasting Shed.* The boring was advanced to approximately 29 feet bgs and a groundwater sample was collected and analyzed for dissolved 8-RCRA metals.

SB-1/SB-2/SB-3/SB-4: Soil Borings BSB-1, BSB-2, BSB-3, and BSB-4 were conducted to the southwest, southeast, northeast, and on the interior of the paint blasting shed, respectively. Soil samples were collected from approximately 2.0 feet bgs at each soil boring location and submitted for laboratory analysis of 8-RCRA metals. However, the soil sample container from BSB-1 was broken in transit to the laboratory and was unable to be analyzed.

Background Samples

BLE collected one background soil sample (BSB-5) which was analyzed for 8-RCRA metals and one background groundwater sample (BGW-19) which was analyzed for dissolved 8-RCRA metals, VOCs, and SVOCs. The background borings were located on the northwestern corner of the crushed stone parking area at an upgradient location from on-site structures. Background soil sample BSB-5 was collected from a depth of approximately 5 feet bgs and the background groundwater sample was collected from a depth of approximately 22 feet bgs. The approximate locations of the boring locations are shown on Figure 2.

RESULTS

A total of twenty groundwater samples and four soil samples were collected during the current scope of work and submitted for laboratory analysis. The samples were collected in laboratory prepared sample containers and sent via Fed-ex to Accutest Laboratories of Orlando, Florida. Laboratory analytical results for the groundwater and soil samples are summarized in Table 2 and Table 3, respectively. The laboratory analytical reports and quality assurance/quality control information are included in Appendix C. The results of the laboratory analyses for each area identified for possible environmental impacts are summarized below.

Assembly Building

Four groundwater samples were collected adjacent to and downgradient of the *Assembly Building* and submitted for laboratory analysis: 1) BR-2 adjacent to a former solvent and diesel fuel storage area inside the building; 2) BR-4 downgradient of the west retention pond and *Assembly Building*; and 3) BGW-15R and BGW-16 downgradient of the *Assembly Building.* Detected compounds included phenol (2.2J µg/l) in BR-2; and bis(2-ethylhexyl)phthalate (1.2J µg/l) and phenol (0.71J µg/l) in BR-4. None of the detections exceeded NCDENR Groundwater Quality Standards[1]. No

[1] Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina, North Carolina Administrative Code Title

VOC or SVOC compounds were detected above the laboratory method detection limit in the groundwater samples from BGW-15R and BGW-16.

Fabrication Building

Five groundwater samples were collected adjacent to and downgradient of the *Fabrication Building* and submitted for laboratory analysis: 1) BGW-4 downgradient of former paint kitchen and solvent storage area on western wall of Fabrication Building; 2) BGW-20, BGW-21, and BR-5 downgradient of the Fabrication Building; and 3) BR-1 downgradient of the Clark Equipment historical hazardous waste storage area. Detected compounds included phenol (1.2J µg/l) in BR-1; acetone (16.5 µg/l), diethyl phthalate (1.1J µg/l), and 1-methylnaphthalene (0.71J µg/l) in BGW-21; phenol (0.61J µg/l) in BR-5; and o-chlorotoluene (0.92J µg/l) in BGW-4. No VOC or SVOC compounds were detected above the laboratory method reporting limit in the groundwater sample from BGW-20. None of the samples collected exceeded the NCDENR Groundwater Quality Standards.

Former Drum Storage and Waste Oil ASTs

Groundwater sample BGW-12 was collected downgradient of the former drum storage and waste oil AST area. Only one VOC, o-chlorotoluene (1.0 µg/l) was detected above the laboratory method detection limit, but did not exceed NCDENR Groundwater Quality Standards.

Former Hazardous Waste Storage Area, Paint Storage Area, and Former UST/AST Area

Six groundwater samples were collected from the hazardous materials storage area, former paint storage area, and UST and AST area and submitted for laboratory analysis: 1) BGW-5 downgradient of covered hazard materials storage area; 2) BGW-7 at the former paint storage area; 3) BGW-10 and BGW-11 downgradient of former UST area; 4) BGW-23 downgradient of suspected historical AST area; and 5) MW, existing permanent groundwater monitoring well within former UST area. Detected compounds included 1-methylnapthalene (0.51J µg/l) and 2-methylnapthalene (0.65J µg/l) in BGW-5; o-chlorotoluene (3.6 µg/l) and o-xylene (0.38 µg/l) in BGW-7; phenol (0.62J µg/l) in BGW-10; o-chlorotoluene (2.9 µg/l) and o-xylene (0.31J µg/l) in BGW-11; acetone (15.3J µg/l) in BGW-23; and sec-butylbenzene (0.63J µg/l), o-chlorotoluene (1.6 µg/l), acenaphthene (1.1J µg/l), bis(2-Ethylhexyl)phthalate (1.9J µg/l), and fluorene (2.6J µg/l) in the permanent groundwater monitoring well, MW. Additionally, MADEP-EPH analysis of the groundwater sample from monitoring well MW detected C11-C22 aromatics (1,540 µg/l), C9-C18 aliphatics (430 µg/l), and C19-C36 aliphatics (4,370 µg/l).

No VOCs or SVOCs exceeded NCDENR Groundwater Quality Standards in the groundwater samples. However, C11-C22 Aromatics (1,540 µg/l) detected in the groundwater sample from the permanent groundwater monitoring well exceeds the standards set forth by the NCDENR UST section.

Final Paint Building

Two groundwater samples were collected and submitted for laboratory analysis: 1) BR-3 adjacent to paint booths and the suspected location of a historical UST; and 2) BGW-18 downgradient of the

15A, Subchapter 2L, Section .0100, .0200, .0300, last amended on January 1, 2010 and revised on June 1, 2011.

Final Paint Building. Detected compounds included 3&4 Methylphenol (1.1J µg/l), phenol (3.1J µg/l), and bis(2-Ethylhexyl)phthalate (1.1J µg/l) in BR-3; and acetone (60.8 µg/l) in BGW-18. None of the detected compounds exceeded NCDENR Groundwater Quality Standards.

Exterior Sand Blasting Shed

8-RCRA metals analysis of three soil samples collected proximate to the exterior sand blasting shed detected barium, chromium, and lead in the soil. However, none of the detected metals exceeded NCDENR standards[2] and/or significantly exceeded site-specific background soil metals concentrations.

CONCLUSIONS

Twenty groundwater and four soil samples were collected on-site and submitted for laboratory analysis to investigate six specific areas for possible environmental impacts. The following VOCs and SVOCs were detected in the groundwater above laboratory method detection limits:

- **Acetone –** BGW-18, BGW-21, and BGW-23
- **Sec-Butylbenzene –** MW
- **Chloroform –** BR-5
- **o-Chlorotoluene –** BGW-4, BGW-7, BGW-11, BGW-12, and MW
- **o-Xylene –** BGW-7 and BGW-11
- **3&4 Methylphenol –** BR-3
- **Phenol –** BGW-10, BR-1, BR-2, BR-3, BR-4, and BR-5
- **Acenaphthene –** MW
- **bis(2-Ethylhexyl)phthalate –** MW, BR-3 and BR-4
- **Fluorene –** MW
- **Diethyl phthalate –** BGW-21
- **1-Methylnaphthalene** – BGW-5 and BGW-21
- **2-Methylnaphthalene –** BGW-5

None of the concentrations of the compounds detected exceed established North Carolina Groundwater Quality Standards. A Groundwater Quality Standard has not been established for the detected compound 1-methylnaphthalene. However, C11-C22 aromatics (1,540 µg/l) detected in the groundwater sample from the permanent groundwater monitoring well located on-site exceeds the standards set forth by the NCDENR UST section.

[2] Preliminary Health-Based Soil Remediation Goals and/or Protection of Groundwater Preliminary Soil Remediation Goals as established in the NCDENR Inactive Hazardous Sites Branch Soil Remediation Goals Table dated February 2011.

QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in projects of this type. Our evaluation of site conditions has been based on our understanding of the site and project information, and the data obtained in our exploration.

Regardless of the thoroughness of an environmental site assessment, there is always the possibility that conditions between borings will be different from that at the specific boring location due to the variability of subsurface conditions. Therefore, it was not possible to identify all conceivable forms of contamination at this site. The primary objective was to perform sufficient work to assess specific areas of concern that were identified during a review of historical records and site reconnaissance. It was not the purpose of this evaluation to fully define the degree or extent of all forms of contamination.

TABLES

TABLE 1

Temporary Monitoring Well Depths
Volvo Construction Equipment Site
2169 Hendersonville Road, Arden, North Carolina
BLE Project Number J11-7389-03

Well ID	Groundwater Depth (feet BGS)	Depth to Geoprobe Refusal (feet BGS)
BGW-1	26	29
BGW-2	NE	32
BGW-3	NE	28
BGW-4	30	35
BGW-5	23	24
BGW-6	NE	25
BGW-7	18	19
BGW-8	NE	18
BGW-9	NE	13
BGW-10	23	25
BGW-11	22	24
BGW-12	30	34
BGW-13	NE	24
BGW-14	NE	29
BGW-15	NE	28
BGW-15R	26.15	31
BGW-16	20	33
BGW-17	NE	33
BGW-18	21.11	22
BGW-19	20	22
BGW-20	35.10	44
BGW-21	7	9
BGW-22	20	23
BGW-23	18	19
BR-1	33.26	NA
BR-2	26.15	NA
BR-3	71.94	NA
BR-4	40.65	NA
BR-5	16.58	NA

NOTES:

Depths to groundwater were measured below ground surface less than 24-hours after borehole completion and should be considered approximate. Groundwater levels may not have had adequate time to stabilize to static conditions.

BGS - below ground surface

NE - groundwater not encountered

NA - not applicable

Prepared By: TZS
Checked By: MLT

TABLE 2

SUMMARY OF GROUNDWATER LABORATORY ANALYTICAL RESULTS - DETECTED COMPOUNDS ONLY
Volvo Construction Equipment Site
2169 Hendersonville Road, Arden, North Carolina
BLE Project Number J11-7389-03

ANALYSIS	MCL (ug/l)	RL (ug/l)	MDL (ug/l)	BGW-1**	BGW-2	BGW-3	BGW-4	BGW-5	BGW-6	BGW-7	BGW-8	BGW-9	BGW-10	BGW-11	BGW-12	BGW-13	BGW-14	BGW-15	BGW-15R	BGW-16	BGW-17	BGW-18	BGW-19**	BGW-20	BGW-21	BGW-22	BGW-23	MW	BR-1	BR-2	BR-3	BR-4	BR-5
Volatile Organic Compounds[1]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	6,000	25	10	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	NT	ND	NA	**60.8**	ND	ND	**16.5**	NS	**15.3J**	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	70	1.0	0.22	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	NT	ND	NA	ND	ND	ND	ND	NS	ND	**0.63J**	ND	ND	ND	ND	ND
Chloroform	70	1.0	0.22	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	NT	ND	NA	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	**0.25J**
o-Chlorotoluene	100	1.0	0.22	NT	NA	NA	**0.92J**	ND	NA	**3.6**	NA	NA	ND	**2.9**	**1.0**	NA	NA	NA	NT	ND	NA	ND	ND	ND	ND	NS	ND	**1.6**	ND	ND	ND	ND	ND
o-Xylene	500	1.0	0.2	NT	NA	NA	ND	ND	NA	**0.38**	NA	NA	ND	**0.31J**	ND	NA	NA	NA	NT	ND	NA	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds[1]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4 Methylphenol	40	4.8	1.0	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	NS	ND	ND	ND	ND	**1.1J**	ND	ND
Phenol	30	4.8	0.48	NT	NA	NA	ND	ND	NA	ND	NA	NA	**0.62J**	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	NS	ND	ND	**1.2J**	**2.2J**	**3.1J**	**0.71J**	**0.61J**
Acenaphthene	80	4.8	0.48	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	NS	ND	**1.1J**	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	3	4.8	1.1	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	NS	ND	**1.9J**	ND	ND	**1.1J**	**1.2J**	ND
Fluorene	300	4.8	0.48	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	NS	ND	**2.6J**	ND	ND	ND	ND	ND
Diethyl phthalate	6,000	4.8	1.0	NT	NA	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	**1.1J**	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	NE	4.9	0.49	NT	NA	NA	ND	**0.51J**	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	**0.71J**	NS	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	30	4.9	0.56	NT	NA	NA	ND	**0.65J**	NA	ND	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
MADEP EPH[2]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11-C22 Aromatics	210	100	100	NT	NA	NA	NT	NT	NA	NT	NA	NA	NT	NT	NT	NA	NA	NA	NT	NT	NA	NT	NT	NT	NT	NS	NT	**1,540**	NT	NT	NT	NT	NT
C9-C18 Aliphatics	4,200	100	100	NT	NA	NA	NT	NT	NA	NT	NA	NA	NT	NT	NT	NA	NA	NA	NT	NT	NA	NT	NT	NT	NT	NS	NT	**430**	NT	NT	NT	NT	NT
C19-C36 Aliphatics	42,000	100	100	NT	NA	NA	NT	NT	NA	NT	NA	NA	NT	NT	NT	NA	NA	NA	NT	NT	NA	NT	NT	NT	NT	NS	NT	**4,370**	NT	NT	NT	NT	NT

Notes:
**Groundwater sample was analyzed for total 8-RCRA metals; no 8-RCRA metals were detected above the laboratory method detection limit
Bold values indicate detections above the laboratory method detection limit
Shaded values indicate concentrations above the applicable regulatory limit
NA = Not Applicable - No Groundwater Encountered at the Boring Location
NT = Not Tested
NS = Not Sampled
ND = Not Detected
NE = Not Established
MCL = Maximum Contaminant Level.
[1] MCL for Volatile Organic Compounds and Semi-Volatile Organic Compounds obtained from *Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina,* North Carolina Administrative Code Title 15A, Subchapter 2L, Section .0100, .0200, .0300, last amended on January 1, 2010 and revised on June 1, 2011
[2] MCL for MADEP EPH obtained from *Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement for UST Releases* , Table 9, North Carolina Department of Environment and Natural Resources Division of Waste Management, UST Section dated March 1, 2007 and revised December 1, 2008
RL = Laboratory Reporting Limit
MDL - Laboratory Method Detection Limit
J = Estimated value between the laboratory method detection limit and the laboratory reporting limit
ug/l = micrograms per liter

Prepared By: MLT
Checked By: DM

TABLE 3

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS

Volvo Construction Equipment Site
2169 Hendersonville Road, Arden, North Carolina
BLE Project Number J11-7389-03

ANALYSIS	Preliminary Health-Based SRG[1] (mg/kg)	Protection of Groundwater PSRG[2] (mg/kg)	BSB-2	BSB-3	BSB-4	BSB-5
Arsenic	4.4	5.8	<0.72	<0.74	<1.2	<0.80
Barium	3,000	580	**14.8**	**67.8**	**53.7**	**30.2**
Cadmium	14	3	<0.29	<0.30	<0.48	<0.32
Chromium[3]	NE	NE	**17.1**	**10.8**	**44.0**	**7.0**
Lead	400	270	**5.1**	**17.4**	**5.1**	**12.2**
Mercury	4.7	1.0	<0.12	<0.13	<0.098	<0.12
Selenium	78	2.1	<1.4	<1.5	<2.4	<1.6
Silver	78	3.4	<0.72	<0.74	<1.2	<0.80

Notes:

NE - Not Established

SRG - Soil Remediation Goal

PSRG - Preliminary Soil Remediation Goal

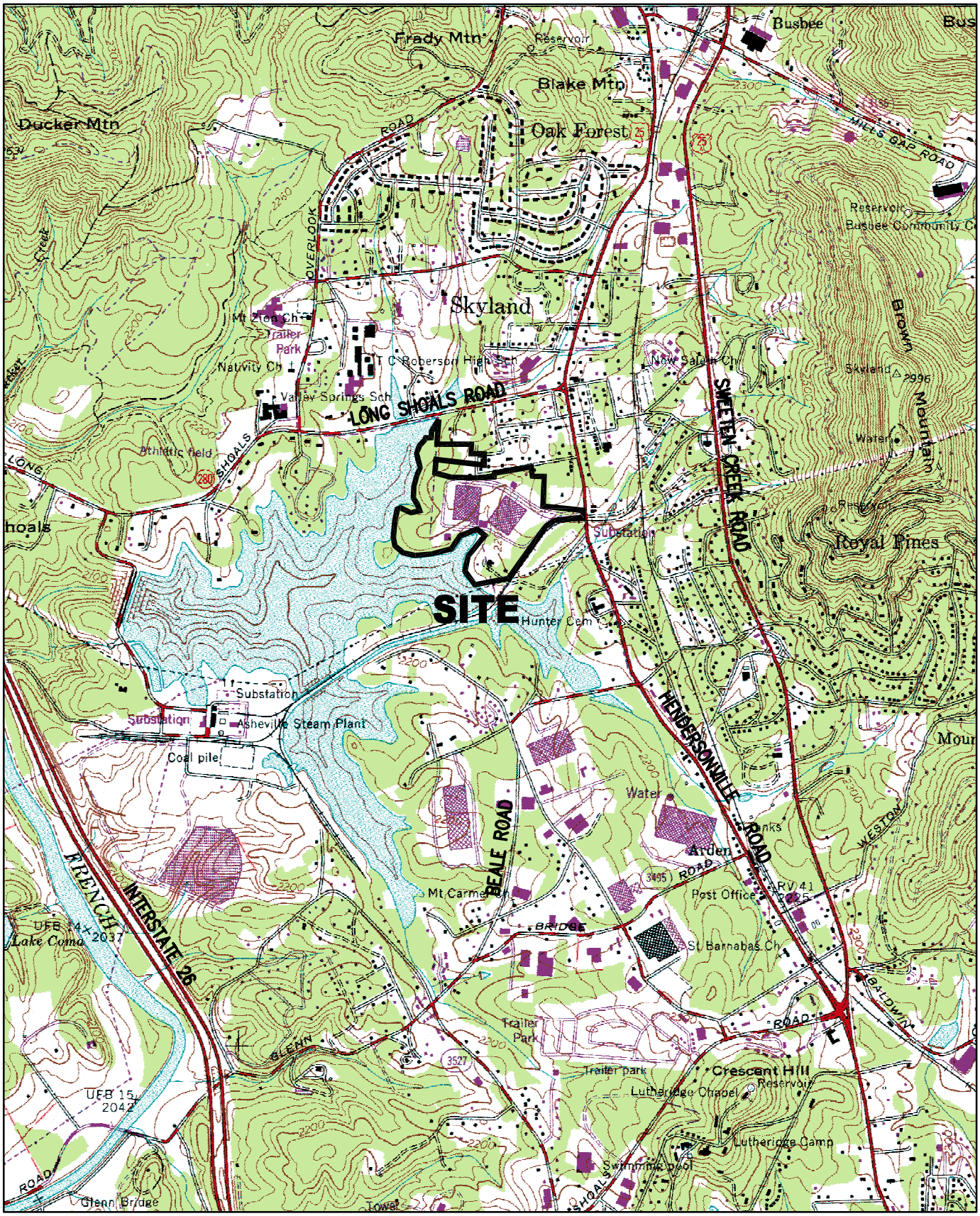
[1] Inactive Hazardous Sites Branch (IHSB) Preliminary Health-Based SRG obtained from *Inactive Hazardous Sites Branch Soil Remediation Goals (SRG) Table* dated February 2011, adapted from the November 2010 USEPA Regional Screening Tables.

[2] IHSB Protection of Groundwater PSRG obtained from *Inactive Hazardous Sites Branch Soil Remediation Goals (SRG) Table* dated February 2011, developed by the IHSB using a soil leachate model with default values appropriate for North Carolina.

[3] Laboratory analysis performed was for total chromium. An Inactive Hazardous Sites Branch Soil Remediation Goal has not been established for total chromium.

Prepared BY: MLT
Checked By: DM

FIGURES

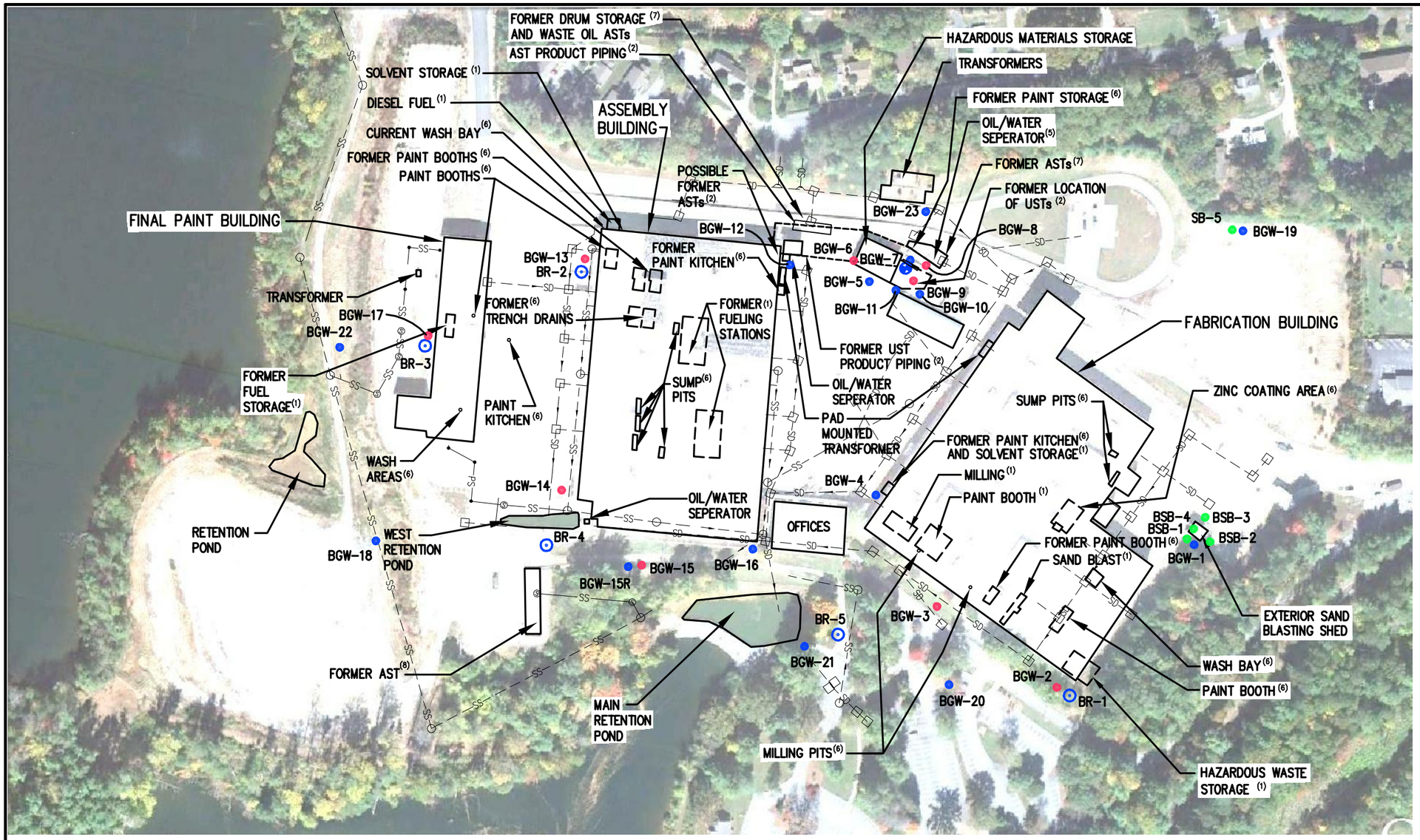


2000 1000 0 2000 4000

APPROXIMATE SCALE IN FEET

REFERENCE:
USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES,
SKYLAND, N.C. QUADRANGLE, PHOTOREVISED 1991.

DRAWN: ACE	DATE: 06-23-11	BLE INC. BURNELL-LAMMONS ENGINEERING, INC. 6004 PONDERS COURT GREENVILLE, SOUTH CAROLINA 29615 PHONE: (864)288-1265 FAX: (864)288-4430	SITE LOCATION MAP VOLVO CONSTRUCTION EQUIPMENT SITE 2169 HENDERSONVILLE ROAD ARDEN, NORTH CAROLINA	FIGURE 1
CHECKED: TLL	CAD: VOLVOCEA-03SLM			
APPROVED:	JOB NO: J11-7389-03			



LEGEND

BGW-4 ●	APPROXIMATE LOCATION OF GEOPROBE GROUNDWATER SAMPLE
BGW-6 ●	APPROXIMATE LOCATION OF GEOPROBE BORING WITH REFUSAL PRIOR TO ENCOUNTERING GROUNDWATER
BSB-4 ●	APPROXIMATE LOCATION OF SOIL SAMPLE
BR-2 ⊙	APPROXIMATE LOCATION OF TEMPORARY BEDROCK MONITORING WELL
●	APPROXIMATE LOCATION OF EXISTING GROUNDWATER MONITORING WELL
—□—	WEIR (WI) OR GRATE INLET (GI)
—SS—	SANITARY SEWER LINE
—SD—	STORM DRAINAGE LINE

NOTES:

1. A GROUNDWATER SAMPLE FROM BGW-22 (FINAL PAINT BUILDING) WAS NOT SUBMITTED FOR LABORATORY ANALYSIS.
2. THE SOIL SAMPLE CONTAINER FROM BSB-1 (SAND BLASTING SHED) WAS DAMAGED IN TRANSIT FROM THE SITE TO THE LABORATORY AND WAS NOT SUBMITTED FOR LABORATORY ANALYSIS.

200 100 0 200 400

APPROXIMATE SCALE IN FEET

REFERENCES:

1. "CLARK EQUIPMENT CO. ATTACHMENT B" (REPRODUCED) FROM VME AMERICAS – WASTE AND SOLVENT PLAN DATED FEBRUARY 8, 1991.
2. FIGURE 2 SITE MAP OBTAINED FROM INITIAL ASSESSMENT REPORT BY SPATCO ENVIRONMENTAL DATED APRIL 3, 1995.
3. APPROXIMATE LOCATIONS OF SANITARY SEWER AND STORM DRAINAGE LINES OBTAINED FROM DRAWING TITLED "MASTER PLAN" PROVIDED BY JONES LANG LASALLE.
4. GOOGLE EARTH IMAGE DATED OCTOBER 21, 2010.
5. TRUCK UNLOADING BASIN PLAN FROM CERTIFIED MAIL CORRESPONDENCE BETWEEN VME AMERICAS, INC. AND STATE OF NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT DATED MARCH 12, 1987.
6. SITE WALK AND INTERVIEW WITH MR. MARTY BREEDLOVE OF VOLVO CONSTRUCTION EQUIPMENT AND/OR FIGURE 1 DRAWING TITLED "BORING LOCATION MAP" BY HART & HICKMAN DATED 6-21-11.
7. SOIL CLEANUP REPORT WITH SITE CLOSURE REQUEST AND CLOSURE REQUEST BY BRADBURNE, BRILLER, & JOHNSON, PLLC DATED OCTOBER 26, 2010.
8. PHASE I ENVIRONMENTAL SITE ASSESSMENT BY BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DATED APRIL 27, 2010.

DRAWN BY:	ACE	DATE:	06-07-11
CHECKED BY:	TZS	FILE:	VOLVOCEA-03ABLP
APPROVED BY:		JOB NO:	J11-7389-03

REVISIONS

No.	DESCRIPTION	BY

BLE INC.
BUNNELL-LAMMONS ENGINEERING, INC.
6004 PONDERS COURT
GREENVILLE, SOUTH CAROLINA 29615
PHONE: (864)288-1265 FAX: (864)288-4430

AERIAL BORING LOCATION PLAN
VOLVO CONSTRUCTION EQUIPMENT SITE
2169 HENDERSONVILLE ROAD
ARDEN, NORTH CAROLINA

FIGURE 2

APPENDIX A

APPENDIX A

Geoprobe® Groundwater Sampling Procedures

A Geoprobe Systems® Screen Point Groundwater Sampler was used to collect groundwater samples from the site. The assembled sampler had a 1.5-inch outside diameter (OD) and was 48-inches long. The sampler consisted of a 48-inch sealed stainless steel screen encased in a perforated stainless steel sleeve. The sampler was advanced to the desired sampling depth using 5-foot long sections of alloy steel probe rods driven with a portable automatic hammer. At the desired sampling depth, extension rods were inserted inside the probe rods to extract the screen. A post-run check valve attached to polypropylene tubing was inserted through the probe rods to the screen and a groundwater sample was collected.

At locations where the probe met refusal before groundwater was encountered, a temporary 1-inch polyvinyl chloride (PVC) pipe (Schedule 40 with flush-threaded joints) was inserted into the 2½-inch (or larger) diameter Geoprobe direct push borehole. The bottom 5-foot section of each well was a manufactured well screen with 0.010-inch wide slots. The installation of the well allowed more time for groundwater to infiltrate the boring. Groundwater samples were collected from the temporary wells using a disposable polyethylene bailer attached to an unused cord. To minimize the potential for cross contamination between wells, a new clean bailer was used for each well. Each groundwater sample collected for chemical analysis was placed into laboratory prepared sample jars.

Schramm T450WS Air Rotary Hammer Drill Boring and Sampling Procedures

Air drilled borings were advanced through the unconsolidated and consolidated materials using a downhole air hammer and compressed air to remove the soil and rock cuttings. The pneumatic drill hammer rapidly strikes the soil or rock while the drill pipe is slowly rotated. An in-line air filter was attached to the air compressor on the drill rig to remove oil from the air and to prevent oil contamination in the borehole. A 6-inch alloy steel air hammer bit with tungsten-carbide inserts was used to advance the borings.

Temporary 2-inch polyvinyl chloride (PVC) pipe (Schedule 40 with flush-threaded joints) was inserted into the borehole. The bottom 10-foot section of each well was a manufactured well screen with 0.010-inch wide slots. Groundwater samples were collected from the temporary wells using a disposable polyethylene bailer attached to an unused cord. To minimize the potential for cross contamination between wells, a new clean bailer was used for each well. Each groundwater sample collected for chemical analysis was placed into laboratory prepared sample jars.

General

A washed sand filter pack was emplaced around the outside of the pipe from the bottom of the well casing to at least 2 feet above the top of the well screen. The sand filter pack was used to stabilize the formation and to help yield a less turbid ground-water sample.

For the 2-inch PVC wells, a two-foot thick bentonite seal was installed on top of the sand filter pack to seal the monitoring well at the desired level. The well annulus was left open to the ground surface and the well was secured using a lockable well cap and a 10-inch plastic cover at the surface.

Temporary monitoring wells were abandoned by pulling the well casing from each boring and then tremie-grouting the borehole with a bentonite-cement grout to the land surface.

The sample containers were marked with identifying numbers, placed immediately into sample coolers, secured, and maintained at $\leq$ 4º C. Preservatives were added to the samples as required. Samples were shipped to Accutest Laboratories in Orlando, Florida for analysis. Appropriate chain-of-custody records were maintained.

Geoprobe® Soil Screening Procedures

Soil samples were collected using a Geoprobe Systems® Macrocore Sampler. The sampler consisted of a nickel-plated sample tube, replaceable hardened cutting shoe, and a removable acetate liner. The sample tube was capable of recovering cores of soil for laboratory analysis. The sampler was sealed by a piston tip at the end of the sample tube while it was being advanced to the desired sampling depth using sections of alloy steel probe rods driven with a portable automatic hammer. At the desired sampling depth, a piston stop pin at the opposite end of the sampler was removed by means of stainless steel extension rods. The extension rods were inserted down the inside of the probe rods, which enabled the piston to retract into the sample tube while the sample was being taken. The sampler was then driven with the hammer to collect the sample. The sample tube and the probe rods were extracted from the ground to collect the soil sample.

APPENDIX B

KEY TO SOIL CLASSIFICATIONS AND CONSISTENCY DESCRIPTIONS

BUNNELL-LAMMONS ENGINEERING, INC.
GREENVILLE, SOUTH CAROLINA

Penetration Resistance* Blows per Foot	Relative Density
SANDS	
0 to 4	Very Loose
5 to 10	Loose
11 to 20	Firm
21 to 30	Very Firm
31 to 50	Dense
over 50	Very Dense

Penetration Resistance* Blows per Foot	Consistency
SILTS and CLAYS	
0 to 2	Very Soft
3 to 4	Soft
5 to 8	Firm
9 to 15	Stiff
16 to 30	Very Stiff
31 to 50	Hard
over 50	Very Hard

*ASTM D 1586

Particle Size Identification

Boulder: Greater than 300 mm
Cobble: 75 to 300 mm
Gravel:
Coarse - 19 to 75 mm
Fine - 4.75 to 19 mm
Sand:
Coarse - 2 to 4.75 mm
Medium - 0.425 to 2 mm
Fine - 0.075 to 0.425 mm
Silt & Clay: Less than 0.075 mm

KEY TO DRILLING SYMBOLS

Grab Sample

Split Spoon Sample

Undisturbed Sample

NR = No reaction to HCL

NA = Not applicable

NS = No sample

Groundwater Table at Time of Drilling

Groundwater Table 24 Hours after Completion of Drilling

KEY TO SOIL CLASSIFICATIONS

Well-graded Gravel
GW

Low Plasticity Clay
CL

Clayey Silt
MH

Silty Sand
SM

Poorly-graded Gravel
GP

Sandy Clay
CLS

Sandy Silt
MLS

Topsoil
TOPSOIL

Partially Weathered Rock
BLDRCBBL

Silty Clay
CL-ML

Sand
SW

Trash
MUCKPEAT

High Plasticity Clay
CH

Silt
ML

Clayey Sand
SC

Fill
FILL

Poorly Graded Sand
SP

Bedrock
BEDROCK

Limestone
LIMESTONE

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-1

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

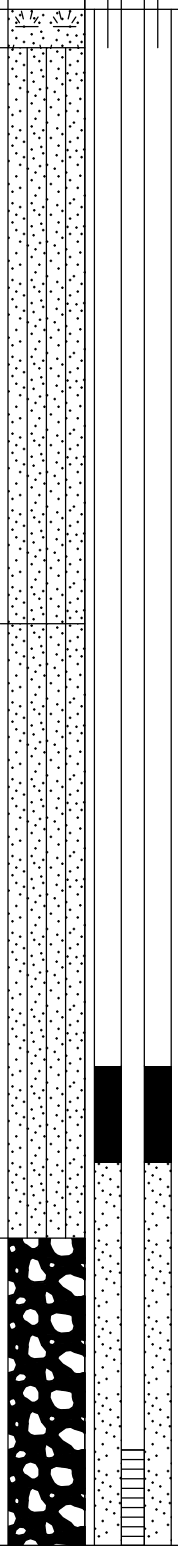
LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 35.0 AFTER 3 HOURS: 33.26 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	TOPSOIL		**SURFACE COMPLETION** PVC stick-up secured with a lockable well cap and a 10-inch plastic cover
	Brown to yellowish-brown, dry, medium to fine sandy SILT		
5			
10			
			Well annulus open from 0 to 27.51 feet
15			
	Yellowish-brown, slightly moist, medium to fine sandy SILT		
20			
25			
			Bentonite seal, 27.51 to 30.01 feet
30			Filter pack, sand 30.01 to 48.0 feet
	PARTIALLY WEATHERED ROCK which sampled as brown to yellowish-brown, dry, silty SAND with mica		
35			



GEOT_WELLNB 7389-03.GPJ 6/27/11

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-1

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 35.0 AFTER 3 HOURS: 33.26 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	PARTIALLY WEATHERED ROCK which sampled as brown to yellowish-brown, dry, silty SAND with mica		2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 37.52 to 47.52 feet
45	**BEDROCK** which sampled as biotite gneiss, fresh to slightly weathered		Pipe cap
50	Boring terminated at 48.0 feet below ground surface. Groundwater encountered at 35.0 feet below ground surface at time of drilling and at 33.26 feet below ground surface after 3 hours.		Total well depth, 47.72 feet
55			
60			
65			
70			
75			

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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-2

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 30.0 AFTER 3 HOURS: 26.15 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	1.5-feet of CONCRETE		**SURFACE COMPLETION** PVC stick-up secured with a lockable well cap and a 10-inch plastic cover
	Yellowish-brown, dry, medium to fine sandy SILT		
5			
10			Well annulus open from 0 to 19.91 feet
15			
	Brown, dry to slightly moist, medium to fine sandy SILT		
20			Bentonite seal, 19.91 to 22.41 feet
			Filter pack, sand 22.41 to 41.0 feet
25			
	PARTIALLY WEATHERED ROCK which sampled as yellow, dry to slightly moist, medium to fine SAND		
30			
	BEDROCK which sampled as biotite gneiss, fresh to slightly weathered		
35			2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 30.58 to 40.58 feet

GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-2

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 30.0 AFTER 3 HOURS: 26.15 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	BEDROCK which sampled as biotite gneiss, fresh to slightly weathered		Pipe cap
	Boring terminated at 41.0 feet below ground surface. Groundwater encountered at 30.0 feet below ground surface at time of drilling and at 26.15 feet below ground surface after 3 hours.		Total well depth, 40.78 feet
45			
50			
55			
60			
65			
70			
75			

GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-3

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: NA AFTER 3 HOURS: 71.94 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	TOPSOIL		**SURFACE COMPLETION** PVC stick-up secured with a lockable well cap and a 10-inch plastic cover
	GRAVEL FILL		
	Brown to yellowish-brown, dry, medium to fine sandy SILT		
5			
10			
15			
20	**Brown, dry, medium to fine sandy SILT**		
25			
	PARTIALLY WEATHERED ROCK which sampled as yellowish-brown, dry, medium to fine SAND		
30			Well annulus open from 0 to 61.45 feet
	BEDROCK which sampled as biotite gneiss, fresh to slightly weathered		
35			

GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-3

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: NA AFTER 3 HOURS: 71.94 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	BEDROCK which sampled as biotite gneiss, fresh to slightly weathered		
45			
50			Well annulus open from 0 to 61.45 feet
55			
60			Bentonite seal, 27.51 to 30.01 feet
			Filter pack, sand 63.95 to 80.1 feet
65			
70			
			2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 69.85 to 79.85 feet
75			

GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-3

PROJECT: Volvo Construction Equipment Site | PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning | START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina | ELEVATION: NA

DRILLER: Landprobe, M. King | LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: NA AFTER 3 HOURS: 71.94 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	Boring terminated at 80.1 feet below ground surface. No groundwater encountered at time of drilling but was encountered at 71.94 feet below ground surface after 3 hours.		Pipe cap Total well depth, 80.05 feet
85			
90			
95			
100			
105			
110			
115			

GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

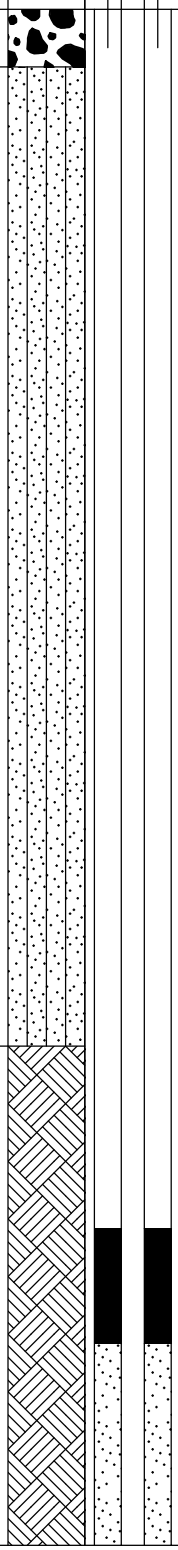
TEMPORARY MONITORING WELL NO. BR-4

PROJECT:	Volvo Construction Equipment Site	PROJECT NO.:	J11-7389-03
CLIENT:	Buncombe County Planning	START: 5-27-11	END: 5-27-11
LOCATION:	Arden, North Carolina	ELEVATION:	NA
DRILLER:	Landprobe, M. King	LOGGED BY:	I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 42.0 AFTER 2 HOURS: 40.65 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	GRAVEL		SURFACE COMPLETION PVC stick-up secured with a lockable well cap and a 10-inch plastic cover
	Brown, dry, medium to fine sandy SILT		
5			
10			
15			Well annulus open from 0 to 31.75 feet
20			
25			
	BEDROCK which sampled as biotite gneiss, fresh to slightly weathered		
30			Bentonite seal, 31.75 to 34.75 feet
35			Filter pack, sand 34.75 to 56.0 feet



GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-4

PROJECT: Volvo Construction Equipment Site — PROJECT NO.: J11-7389-03

CLIENT: Buncombe County Planning — START: 5-27-11 END: 5-27-11

LOCATION: Arden, North Carolina — ELEVATION: NA

DRILLER: Landprobe, M. King — LOGGED BY: I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 42.0 AFTER 2 HOURS: 40.65 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	BEDROCK which sampled as biotite gneiss, fresh to slightly weathered		
45			
50	**BEDROCK which sampled as biotite gneiss, fresh to slightly weathered**		2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 45.37 to 55.37 feet
55			Pipe cap
	Boring terminated at 56.0 feet below ground surface. Groundwater encountered at 42.0 feet below ground surface at time of drilling and at 40.65 feet below ground surface after 2 hours.		Total well depth, 55.57 feet
60			
65			
70			
75			

GEOT_WELLNB 7389-03.GPJ 6/27/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

TEMPORARY MONITORING WELL NO. BR-5

PROJECT:	Volvo Construction Equipment Site	PROJECT NO.:	J11-7389-03
CLIENT:	Buncombe County Planning	START: 5-27-11	END: 5-27-11
LOCATION:	Arden, North Carolina	ELEVATION:	NA
DRILLER:	Landprobe, M. King	LOGGED BY:	I. Irizarry

DRILLING METHOD: Schramm; 6-inch air hammer bit

DEPTH TO - WATER> INITIAL: 17.0 AFTER 1.5 HOURS: 16.58 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	MONITOR WELL INSTALLATION DETAILS
	TOPSOIL		**SURFACE COMPLETION** PVC stick-up secured with a lockable well cap and a 10-inch plastic cover
	Brown to yellowish-brown, dry to slightly moist, medium to fine sandy SILT		Well annulus open from 0 to 3.59 feet
5			Bentonite seal, 3.59 to 6.09 feet Filter pack, sand 6.09 to 20.0 feet
10			2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 8.8 to 18.8 feet
15	BEDROCK which sampled as black to gray biotite gneiss, fresh to slightly weathered		Pipe cap
20	Boring terminated at 20.0 feet below ground surface. Groundwater encountered at 17.0 feet below ground surface at time of drilling and at 16.58 feet below ground surface after 1.5 hours.		Total well depth, 19.0 feet
25			
30			
35			

GEOT_WELLNB 7389-03.GPJ 6/27/11

APPENDIX C

Southeast ACCUTEST LABORATORIES

06/08/11

Technical Report for

Bunnell-Lammons Engineering, Inc

Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

7390-03

Accutest Job Number: F82801

Sampling Dates: 05/23/11 - 05/25/11

Report to:

Bunnell-Lammons Engineering, Inc
6004 Ponders Court
Greenville, SC 29615
tslack@blecorp.com; tom@blecorp.com

ATTN: Trever Slack

Total number of pages in report: **96**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Accutest Laboratories

Sample Summary

Bunnell-Lammons Engineering, Inc

Job No: F82801

Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC
Project No: 7390-03

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F82801-1	05/23/11	14:20	MT	05/27/11	AQ	Groundwater Filtered	BGW-1
F82801-2	05/25/11	11:10	MT	05/27/11	AQ	Ground Water	BGW-4
F82801-3	05/23/11	08:16	MT	05/27/11	AQ	Ground Water	BGW-5
F82801-4	05/24/11	16:40	MT	05/27/11	AQ	Ground Water	BGW-10
F82801-5	05/25/11	10:05	MT	05/27/11	AQ	Ground Water	BGW-11
F82801-6	05/25/11	11:45	MT	05/27/11	AQ	Ground Water	BGW-12
F82801-7	05/25/11	14:45	MT	05/27/11	AQ	Ground Water	BGW-16
F82801-8	05/25/11	16:15	MT	05/27/11	AQ	Ground Water	BGW-19
F82801-8F	05/25/11	16:15	MT	05/27/11	AQ	Groundwater Filtered	BGW-19
F82801-9	05/24/11	08:10	MT	05/27/11	AQ	Ground Water	MW

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-1		
Lab Sample ID:	F82801-1	**Date Sampled:**	05/23/11
Matrix:	AQ - Groundwater Filtered	**Date Received:**	05/27/11
		Percent Solids:	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 5.0	5.0	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Chromium	< 20	20	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Mercury	< 1.0	1.0	ug/l	1	06/02/11	06/02/11	LM	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA8985
(2) Instrument QC Batch: MA8992
(3) Prep QC Batch: MP20676
(4) Prep QC Batch: MP20700

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-4		
Lab Sample ID:	F82801-2	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066131.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	0.92	1.0	0.22	ug/l	J
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-4		
Lab Sample ID:	F82801-2	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-4		
Lab Sample ID:	F82801-2	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		87-116%
17060-07-0	1,2-Dichloroethane-D4	101%		76-127%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	98%		84-120%

(a) ICV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-4		
Lab Sample ID:	F82801-2	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025679.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-4		
Lab Sample ID:	F82801-2	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-4		
Lab Sample ID:	F82801-2	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-62%
4165-62-2	Phenol-d5	28%		10-40%
118-79-6	2,4,6-Tribromophenol	78%		33-118%
4165-60-0	Nitrobenzene-d5	73%		42-108%
321-60-8	2-Fluorobiphenyl	72%		40-106%
1718-51-0	Terphenyl-d14	73%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-5		
Lab Sample ID:	F82801-3	**Date Sampled:**	05/23/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066132.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-5		
Lab Sample ID:	F82801-3	**Date Sampled:**	05/23/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-5		
Lab Sample ID:	F82801-3	**Date Sampled:**	05/23/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	98%		84-120%

(a) ICV outside of control limits; results may be biased low.

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: BGW-5
Lab Sample ID: F82801-3 **Date Sampled:** 05/23/11
Matrix: AQ - Ground Water **Date Received:** 05/27/11
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025680.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	49	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	0.49	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	0.49	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	2.0	ug/l	
95-48-7	2-Methylphenol	ND	4.9	0.53	ug/l	
	3&4-Methylphenol	ND	4.9	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	0.53	ug/l	
100-02-7	4-Nitrophenol	ND	25	4.9	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.3	ug/l	
108-95-2	Phenol	ND	4.9	0.49	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	0.49	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.49	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.49	ug/l	
62-53-3	Aniline	ND	4.9	0.51	ug/l	
120-12-7	Anthracene	ND	4.9	0.49	ug/l	
92-87-5	Benzidine	ND	25	4.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.49	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.49	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.49	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	0.49	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.49	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.49	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.49	ug/l	
106-47-8	4-Chloroaniline	ND	4.9	0.49	ug/l	
86-74-8	Carbazole	ND	4.9	0.49	ug/l	
218-01-9	Chrysene	ND	4.9	0.49	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-5		
Lab Sample ID:	F82801-3	**Date Sampled:**	05/23/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.49	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.53	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.49	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.9	0.49	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	0.49	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	0.49	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	0.98	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	0.51	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	0.85	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	0.97	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	1.1	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.49	ug/l	
86-73-7	Fluorene	ND	4.9	0.49	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.55	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	0.98	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.9	0.98	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	0.49	ug/l	
78-59-1	Isophorone	ND	4.9	0.49	ug/l	
90-12-0	1-Methylnaphthalene	0.51	4.9	0.49	ug/l	J
91-57-6	2-Methylnaphthalene	0.65	4.9	0.56	ug/l	J
88-74-4	2-Nitroaniline	ND	4.9	0.49	ug/l	
99-09-2	3-Nitroaniline	ND	4.9	0.49	ug/l	
100-01-6	4-Nitroaniline	ND	4.9	0.49	ug/l	
91-20-3	Naphthalene	ND	4.9	0.78	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.58	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.9	2.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	0.49	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	0.98	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.49	ug/l	
129-00-0	Pyrene	ND	4.9	0.49	ug/l	
110-86-1	Pyridine	ND	9.8	1.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.49	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-5		
Lab Sample ID:	F82801-3	**Date Sampled:**	05/23/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		14-62%
4165-62-2	Phenol-d5	29%		10-40%
118-79-6	2,4,6-Tribromophenol	80%		33-118%
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-10		
Lab Sample ID:	F82801-4	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	J066133.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [b]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-10		
Lab Sample ID:	F82801-4	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-10		
Lab Sample ID:	F82801-4	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
(b) ICV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: BGW-10
Lab Sample ID: F82801-4 **Date Sampled:** 05/24/11
Matrix: AQ - Ground Water **Date Received:** 05/27/11
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025681.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	0.62	4.8	0.48	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-10		
Lab Sample ID:	F82801-4	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-10		
Lab Sample ID:	F82801-4	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-62%
4165-62-2	Phenol-d5	27%		10-40%
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	71%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-11		
Lab Sample ID:	F82801-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066134.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	2.9	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-11		
Lab Sample ID:	F82801-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	0.31	1.0	0.20	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-11		
Lab Sample ID:	F82801-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		87-116%
17060-07-0	1,2-Dichloroethane-D4	100%		76-127%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	96%		84-120%

(a) ICV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-11		
Lab Sample ID:	F82801-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025682.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-11		
Lab Sample ID:	F82801-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-11		
Lab Sample ID:	F82801-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		14-62%
4165-62-2	Phenol-d5	27%		10-40%
118-79-6	2,4,6-Tribromophenol	83%		33-118%
4165-60-0	Nitrobenzene-d5	78%		42-108%
321-60-8	2-Fluorobiphenyl	77%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-12		
Lab Sample ID:	F82801-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066135.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	1.0	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-12		
Lab Sample ID:	F82801-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-12		
Lab Sample ID:	F82801-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	100%		76-127%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	97%		84-120%

(a) ICV outside of control limits; results may be biased low.

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: BGW-12
Lab Sample ID: F82801-6 **Date Sampled:** 05/25/11
Matrix: AQ - Ground Water **Date Received:** 05/27/11
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025683.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.52	ug/l	
	3&4-Methylphenol	ND	4.8	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.52	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.2	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-12		
Lab Sample ID:	F82801-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.52	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	0.96	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.95	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.1	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.54	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.96	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.6	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.96	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.55	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.77	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.57	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.96	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.6	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-12		
Lab Sample ID:	F82801-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		14-62%
4165-62-2	Phenol-d5	26%		10-40%
118-79-6	2,4,6-Tribromophenol	78%		33-118%
4165-60-0	Nitrobenzene-d5	70%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-16		
Lab Sample ID:	F82801-7	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066136.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-16		
Lab Sample ID:	F82801-7	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-16		
Lab Sample ID:	F82801-7	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	97%		84-120%

(a) ICV outside of control limits; results may be biased low.

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-16		
Lab Sample ID:	F82801-7	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025684.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	49	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	0.49	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	0.49	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	2.0	ug/l	
95-48-7	2-Methylphenol	ND	4.9	0.53	ug/l	
	3&4-Methylphenol	ND	4.9	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	0.53	ug/l	
100-02-7	4-Nitrophenol	ND	25	4.9	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.3	ug/l	
108-95-2	Phenol	ND	4.9	0.49	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	0.49	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.49	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.49	ug/l	
62-53-3	Aniline	ND	4.9	0.51	ug/l	
120-12-7	Anthracene	ND	4.9	0.49	ug/l	
92-87-5	Benzidine	ND	25	4.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.49	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.49	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.49	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	0.49	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.49	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.49	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.49	ug/l	
106-47-8	4-Chloroaniline	ND	4.9	0.49	ug/l	
86-74-8	Carbazole	ND	4.9	0.49	ug/l	
218-01-9	Chrysene	ND	4.9	0.49	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-16		
Lab Sample ID:	F82801-7	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.49	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.53	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.49	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.9	0.49	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	0.49	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	0.49	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	0.98	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	0.51	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	0.85	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	0.97	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	1.1	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.49	ug/l	
86-73-7	Fluorene	ND	4.9	0.49	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.55	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	0.98	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.9	0.98	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	0.49	ug/l	
78-59-1	Isophorone	ND	4.9	0.49	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.9	0.49	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.56	ug/l	
88-74-4	2-Nitroaniline	ND	4.9	0.49	ug/l	
99-09-2	3-Nitroaniline	ND	4.9	0.49	ug/l	
100-01-6	4-Nitroaniline	ND	4.9	0.49	ug/l	
91-20-3	Naphthalene	ND	4.9	0.78	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.58	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.9	2.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	0.49	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	0.98	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.49	ug/l	
129-00-0	Pyrene	ND	4.9	0.49	ug/l	
110-86-1	Pyridine	ND	9.8	1.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-16		
Lab Sample ID:	F82801-7	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		14-62%
4165-62-2	Phenol-d5	37%		10-40%
118-79-6	2,4,6-Tribromophenol	84%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	76%		40-106%
1718-51-0	Terphenyl-d14	61%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-19		
Lab Sample ID:	F82801-8	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066137.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-19		
Lab Sample ID:	F82801-8	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-19		
Lab Sample ID:	F82801-8	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	97%		84-120%

(a) ICV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: BGW-19
Lab Sample ID: F82801-8 **Date Sampled:** 05/25/11
Matrix: AQ - Ground Water **Date Received:** 05/27/11
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025685.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.52	ug/l	
	3&4-Methylphenol	ND	4.8	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.52	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.2	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-19		
Lab Sample ID:	F82801-8	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.52	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	0.96	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.95	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.1	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.54	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.96	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.6	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.96	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.55	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.77	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.57	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.96	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.6	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-19		
Lab Sample ID:	F82801-8	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		14-62%
4165-62-2	Phenol-d5	27%		10-40%
118-79-6	2,4,6-Tribromophenol	85%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	77%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-19		
Lab Sample ID:	F82801-8F	**Date Sampled:**	05/25/11
Matrix:	AQ - Groundwater Filtered	**Date Received:**	05/27/11
		Percent Solids:	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 5.0	5.0	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Chromium	< 20	20	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Mercury	< 1.0	1.0	ug/l	1	06/02/11	06/02/11	LM	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	05/31/11	05/31/11	RS	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA8985
(2) Instrument QC Batch: MA8992
(3) Prep QC Batch: MP20676
(4) Prep QC Batch: MP20700

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82801-9	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066138.D	1	06/04/11	KW	n/a	n/a	VJ3609
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	0.63	1.0	0.22	ug/l	J
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	1.6	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82801-9	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82801-9	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	101%		76-127%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	96%		84-120%

(a) ICV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82801-9	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U025686.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.52	ug/l	
	3&4-Methylphenol	ND	4.8	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.52	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.2	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	1.1	4.8	0.48	ug/l	J
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82801-9	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.52	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	0.96	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.95	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.9	4.8	1.1	ug/l	J
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	2.6	4.8	0.48	ug/l	J
118-74-1	Hexachlorobenzene	ND	4.8	0.54	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.96	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.6	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.96	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.55	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.77	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.57	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.96	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.6	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82801-9	**Date Sampled:**	05/24/11
Matrix:	AQ - Ground Water	**Date Received:**	05/27/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-62%
4165-62-2	Phenol-d5	25%		10-40%
118-79-6	2,4,6-Tribromophenol	77%		33-118%
4165-60-0	Nitrobenzene-d5	69%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Accutest Laboratories Southeast
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX. 407-425-0707
www.accutest.com

Accutest JOB # F82801 PAGE ____ OF ____
Accutest Quote # ____ SKU # ____

Client / Reporting Information

Company Name: BLE
Address: 6004 Readers Ct
City: Greenville State: SC Zip: 29615
Project Contact: Trevor Stock E-mail: tstock@bleengrp.com
Phone#: 864.288.1265
Sampler(s) Name(s) (Printed): Mike Trotter

Project Information

Project Name: Volvo Construction Equipment
Street: 2169 Hendersonville Rd
City: Asheville State: NC
Project #: 7390-0-3
Fax #: 864/288/4430
Client Purchase Order #:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	Collection Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	NaOH	HNO3	H2SO4	NaOH+ZNAC	DI WATER	MEOH	Dissolved 8-RCRA Metals	8260B Full Vols	8270C PAH's	8270 Full Semivol
1	BGW-1	5/23	1420	MLT	GW	1		X								X			
2	BGW-4	5/25	1110	MLT	GW	4		X	X								X	X	
3	BGW-5	5/23	0816	MLT	GW	4		X	X								X	X	
4	BGW-10	5/24	1640	MLT	GW	4		X	X								X	X	
5	BGW-11	5/25	1005	MLT	GW	4		X	X								X	X	
6	BGW-12	5/25	1145	MLT	GW	4		X	X								X	X	
7	BGW-16	5/25	1445	MLT	GW	4		X	X								X	X	
8	BGW-19	5/25	1645	MLT	GW	4		X	X							X	X	X	
9	MW	5/24	0810	MLT	GW	4		X	X								X	X	X

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

LAB USE ONLY

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [ ] 10 Days Standard
- [ ] 7 Day RUSH
- [x] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Note - Dissolved metals will require lab filtration

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 MLT	5/25 1840	2 [signature]	3 [signature]	5/26 0815	4 [signature]
Relinquished by: 5 [signature]	Date Time:	Received By: 6 [signature] 05-27-11 0900	Relinquished by: 7	Date Time:	Received By: 8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 2.6

F82801: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F82801 CLIENT: BLE PROJECT: Volvo Equipment

DATE/TIME RECEIVED: 052711 0900 {MM/DD/YY 24:00} NIMBER OF COOLERS RECEIVED: 1

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8755 6122 0069

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE PRESENT

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [X] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM_____ 5-GRAM_____

NUMBER OF 5035 FIELD KITS ? _____

NUMBER OF LAB FILTERED METALS ? _____

TEMPERATURE INFORMATION

- [ ] IR THERM ID 1 CORR. FACTOR +4
- [ ] OBSERVED TEMPS: 2.2
- [ ] CORRECTED TEMPS: 6.6

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [X] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

{APPICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS: only 1 Amber per sample 2-9 (u/p)

TECHNICIAN SIGNATURE/DATE ET 05-27-11 REVIEWER SIGNATURE/DATE [signature] 05/27/11

NF 12/10

receipt confirmation 122910.xls

F82801: Chain of Custody
Page 2 of 3

Job Change Order: F82801_5/31/2011

Requested	5/31/2011	**Received Date:**	5/27/2011
Account	Bunnell-Lammons Engineering,	**Due Date:**	6/2/2011
Project	Volvo Construction Equipment; 2169	**Deliverable:**	COMMB
CSR:	MMO	**TAT (Days):**	7

Sample
F82801-ALL

Change: Per client request, analyze all samples for 8270 full list.

Above Changes Per: Trever Slack **Date:** 5/31/2011

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

Page 1 of 1

F82801: Chain of Custody
Page 3 of 3

Southeast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3609-MB	J066122.D	1	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3609-MB	J066122.D	1	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3609-MB	J066122.D	1	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	87-116%
17060-07-0	1,2-Dichloroethane-D4	104%	76-127%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	97%	84-120%

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3609-BS	J066121.D	1	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	91.5	73	59-134
107-02-8	Acrolein	125	71.5	57	33-157
107-13-1	Acrylonitrile	125	121	97	62-124
71-43-2	Benzene	25	28.5	114	83-124
108-86-1	Bromobenzene	25	23.5	94	83-115
74-97-5	Bromochloromethane	25	22.0	88	78-112
75-27-4	Bromodichloromethane	25	24.5	98	76-116
75-25-2	Bromoform	25	26.5	106	68-128
104-51-8	n-Butylbenzene	25	22.9	92	84-124
135-98-8	sec-Butylbenzene	25	26.2	105	86-127
98-06-6	tert-Butylbenzene	25	24.9	100	83-126
108-90-7	Chlorobenzene	25	28.2	113	87-115
75-00-3	Chloroethane	25	26.6	106	54-166
67-66-3	Chloroform	25	24.5	98	85-123
95-49-8	o-Chlorotoluene	25	24.4	98	84-121
106-43-4	p-Chlorotoluene	25	25.0	100	84-120
110-75-8	2-Chloroethyl vinyl ether	125	50.8	41*	63-125
75-15-0	Carbon disulfide	25	23.6	94	67-147
56-23-5	Carbon tetrachloride	25	27.1	108	74-139
75-34-3	1,1-Dichloroethane	25	29.8	119	82-127
75-35-4	1,1-Dichloroethylene	25	27.0	108	75-133
563-58-6	1,1-Dichloropropene	25	26.8	107	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	20.9	84	61-118
106-93-4	1,2-Dibromoethane	25	26.1	104	80-115
107-06-2	1,2-Dichloroethane	25	26.9	108	76-122
78-87-5	1,2-Dichloropropane	25	24.2	97	81-120
142-28-9	1,3-Dichloropropane	25	22.7	91	81-113
594-20-7	2,2-Dichloropropane	25	27.3	109	77-138
124-48-1	Dibromochloromethane	25	22.8	91	74-116
75-71-8	Dichlorodifluoromethane	25	39.7	159*	34-158
156-59-2	cis-1,2-Dichloroethylene	25	24.0	96	81-114
10061-01-5	cis-1,3-Dichloropropene	25	24.6	98	83-119
541-73-1	m-Dichlorobenzene	25	23.8	95	86-115
95-50-1	o-Dichlorobenzene	25	23.1	92	85-115
106-46-7	p-Dichlorobenzene	25	23.5	94	87-113
156-60-5	trans-1,2-Dichloroethylene	25	25.4	102	82-126

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3609-BS	J066121.D	1	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	23.4	94	87-123
100-41-4	Ethylbenzene	25	28.8	115	87-118
591-78-6	2-Hexanone	125	106	85	58-125
87-68-3	Hexachlorobutadiene	25	27.7	111	71-133
98-82-8	Isopropylbenzene	25	26.9	108	87-131
99-87-6	p-Isopropyltoluene	25	24.0	96	83-125
108-10-1	4-Methyl-2-pentanone	125	107	86	62-125
74-83-9	Methyl bromide	25	25.7	103	55-151
74-87-3	Methyl chloride	25	33.7	135	55-173
74-95-3	Methylene bromide	25	23.3	93	81-116
75-09-2	Methylene chloride	25	23.1	92	69-125
78-93-3	Methyl ethyl ketone	125	96.9	78	61-127
1634-04-4	Methyl Tert Butyl Ether	25	26.3	105	75-116
91-20-3	Naphthalene	25	27.6	110	59-125
103-65-1	n-Propylbenzene	25	25.6	102	86-125
100-42-5	Styrene	25	22.3	89	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	23.8	95	81-119
71-55-6	1,1,1-Trichloroethane	25	26.2	105	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	25.1	100	71-120
79-00-5	1,1,2-Trichloroethane	25	22.3	89	80-114
87-61-6	1,2,3-Trichlorobenzene	25	23.3	93	64-126
96-18-4	1,2,3-Trichloropropane	25	22.0	88	77-115
120-82-1	1,2,4-Trichlorobenzene	25	24.4	98	68-123
95-63-6	1,2,4-Trimethylbenzene	25	24.3	97	82-120
108-67-8	1,3,5-Trimethylbenzene	25	24.0	96	83-123
127-18-4	Tetrachloroethylene	25	26.3	105	80-131
108-88-3	Toluene	25	28.5	114	86-116
79-01-6	Trichloroethylene	25	24.9	100	85-124
75-69-4	Trichlorofluoromethane	25	31.6	126	66-156
75-01-4	Vinyl chloride	25	30.5	122	57-153
108-05-4	Vinyl Acetate	125	88.9	71	38-159
	m,p-Xylene	50	58.8	118	86-121
95-47-6	o-Xylene	25	28.8	115	83-121

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3609-BS	J066121.D	1	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	87-116%
17060-07-0	1,2-Dichloroethane-D4	100%	76-127%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	99%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82666-1MS	J066142.D	20	06/04/11	KW	n/a	n/a	VJ3609
F82666-1MSD	J066143.D	20	06/04/11	KW	n/a	n/a	VJ3609
F82666-1 [a]	J066124.D	20	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	F82666-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	500 U		2500	1930	77	2060	82	7	59-134/14
107-02-8	Acrolein	400 U		2500	1210	48	1200	48	1	33-157/21
107-13-1	Acrylonitrile	200 U		2500	2440	98	2430	97	0	62-124/13
71-43-2	Benzene	20 U		500	552	110	545	109	1	83-124/11
108-86-1	Bromobenzene	20 U		500	505	101	517	103	2	83-115/10
74-97-5	Bromochloromethane	20 U		500	490	98	468	94	5	78-112/10
75-27-4	Bromodichloromethane	20 U		500	504	101	465	93	8	76-116/10
75-25-2	Bromoform	20 U		500	388	78	376	75	3	68-128/11
104-51-8	n-Butylbenzene	20 U		500	481	96	488	98	1	84-124/10
135-98-8	sec-Butylbenzene	20 U		500	559	112	573	115	2	86-127/10
98-06-6	tert-Butylbenzene	20 U		500	522	104	536	107	3	83-126/10
108-90-7	Chlorobenzene	20 U		500	521	104	519	104	0	87-115/9
75-00-3	Chloroethane	40 U		500	550	110	558	112	1	54-166/20
67-66-3	Chloroform	20 U		500	535	107	522	104	2	85-123/10
95-49-8	o-Chlorotoluene	20 U		500	522	104	522	104	0	84-121/10
106-43-4	p-Chlorotoluene	20 U		500	536	107	544	109	1	84-120/10
110-75-8	2-Chloroethyl vinyl ether	100 U		2500	32.4	1*	27.7	1*	16	63-125/24
75-15-0	Carbon disulfide	40 U		500	434	87	338	68	25*	67-147/12
56-23-5	Carbon tetrachloride	20 U		500	564	113	508	102	10	74-139/13
75-34-3	1,1-Dichloroethane	26.3		500	583	111	576	110	1	82-127/10
75-35-4	1,1-Dichloroethylene	20 U		500	581	116	593	119	2	75-133/13
563-58-6	1,1-Dichloropropene	20 U		500	562	112	548	110	3	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	40 U		500	444	89	413	83	7	61-118/15
106-93-4	1,2-Dibromoethane	20 U		500	481	96	480	96	0	80-115/10
107-06-2	1,2-Dichloroethane	20 U		500	481	96	495	99	3	76-122/11
78-87-5	1,2-Dichloropropane	20 U		500	536	107	528	106	2	81-120/11
142-28-9	1,3-Dichloropropane	20 U		500	493	99	494	99	0	81-113/11
594-20-7	2,2-Dichloropropane	20 U		500	481	96	475	95	1	77-138/12
124-48-1	Dibromochloromethane	20 U		500	437	87	405	81	8	74-116/11
75-71-8	Dichlorodifluoromethane	40 U		500	768	154	722	144	6	34-158/22
156-59-2	cis-1,2-Dichloroethylene	36.6		500	556	104	545	102	2	81-114/10
10061-01-5	cis-1,3-Dichloropropene	20 U		500	494	99	453	91	9	83-119/10
541-73-1	m-Dichlorobenzene	20 U		500	519	104	519	104	0	86-115/9
95-50-1	o-Dichlorobenzene	20 U		500	507	101	515	103	2	85-115/9
106-46-7	p-Dichlorobenzene	20 U		500	521	104	523	105	0	87-113/10
156-60-5	trans-1,2-Dichloroethylene	24.9		500	561	107	546	104	3	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82666-1MS	J066142.D	20	06/04/11	KW	n/a	n/a	VJ3609
F82666-1MSD	J066143.D	20	06/04/11	KW	n/a	n/a	VJ3609
F82666-1 [a]	J066124.D	20	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	F82666-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	20 U		500	475	95	439	88	8	87-123/10
100-41-4	Ethylbenzene	20 U		500	535	107	525	105	2	87-118/10
591-78-6	2-Hexanone	200 U		2500	2280	91	2510	100	10	58-125/14
87-68-3	Hexachlorobutadiene	40 U		500	535	107	562	112	5	71-133/12
98-82-8	Isopropylbenzene	20 U		500	580	116	570	114	2	87-131/10
99-87-6	p-Isopropyltoluene	20 U		500	501	100	515	103	3	83-125/9
108-10-1	4-Methyl-2-pentanone	100 U		2500	2350	94	2530	101	7	62-125/13
74-83-9	Methyl bromide	40 U		500	537	107	537	107	0	55-151/21
74-87-3	Methyl chloride	40 U		500	600	120	593	119	1	55-173/22
74-95-3	Methylene bromide	40 U		500	505	101	500	100	1	81-116/10
75-09-2	Methylene chloride	100 U		500	507	101	513	103	1	69-125/11
78-93-3	Methyl ethyl ketone	100 U		2500	2090	84	2260	90	8	61-127/13
1634-04-4	Methyl Tert Butyl Ether	20 U		500	467	93	490	98	5	75-116/10
91-20-3	Naphthalene	100 U		500	530	106	555	111	5	59-125/15
103-65-1	n-Propylbenzene	20 U		500	549	110	551	110	0	86-125/10
100-42-5	Styrene	20 U		500	470	94	473	95	1	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	20 U		500	516	103	480	96	7	81-119/10
71-55-6	1,1,1-Trichloroethane	20 U		500	561	112	530	106	6	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	20 U		500	492	98	504	101	2	71-120/11
79-00-5	1,1,2-Trichloroethane	20 U		500	468	94	488	98	4	80-114/11
87-61-6	1,2,3-Trichlorobenzene	20 U		500	466	93	517	103	10	64-126/16
96-18-4	1,2,3-Trichloropropane	40 U		500	467	93	505	101	8	77-115/12
120-82-1	1,2,4-Trichlorobenzene	20 U		500	476	95	535	107	12*	68-123/11
95-63-6	1,2,4-Trimethylbenzene	40 U		500	523	105	532	106	2	82-120/10
108-67-8	1,3,5-Trimethylbenzene	40 U		500	520	104	525	105	1	83-123/10
127-18-4	Tetrachloroethylene	20 U		500	534	107	528	106	1	80-131/12
108-88-3	Toluene	20 U		500	528	106	530	106	0	86-116/10
79-01-6	Trichloroethylene	20 U		500	552	110	566	113	3	85-124/10
75-69-4	Trichlorofluoromethane	40 U		500	637	127	623	125	2	66-156/15
75-01-4	Vinyl chloride	363		500	977	123	939	115	4	57-153/22
108-05-4	Vinyl Acetate	200 U		2500	1980	79	1990	80	1	38-159/11
	m,p-Xylene	40 U		1000	1080	108	1070	107	1	86-121/10
95-47-6	o-Xylene	20 U		500	532	106	530	106	0	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82666-1MS	J066142.D	20	06/04/11	KW	n/a	n/a	VJ3609
F82666-1MSD	J066143.D	20	06/04/11	KW	n/a	n/a	VJ3609
F82666-1 [a]	J066124.D	20	06/04/11	KW	n/a	n/a	VJ3609

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries	MS	MSD	F82666-1	Limits
1868-53-7	Dibromofluoromethane	100%	99%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	97%	97%	101%	76-127%
2037-26-5	Toluene-D8	98%	98%	99%	86-112%
460-00-4	4-Bromofluorobenzene	96%	98%	99%	84-120%

(a) Confirmation run.

Southeast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MB	X018416.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	0.50	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.50	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.54	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.54	ug/l	
100-02-7	4-Nitrophenol	ND	25	5.0	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.4	ug/l	
108-95-2	Phenol	ND	5.0	0.50	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.50	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.50	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.50	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.50	ug/l	
62-53-3	Aniline	ND	5.0	0.52	ug/l	
120-12-7	Anthracene	ND	5.0	0.50	ug/l	
92-87-5	Benzidine	ND	25	4.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.50	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.50	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.50	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.50	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.50	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.50	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.50	ug/l	
86-74-8	Carbazole	ND	5.0	0.50	ug/l	
218-01-9	Chrysene	ND	5.0	0.50	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.50	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MB	X018416.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.50	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.50	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	1.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	0.52	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.50	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.99	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.1	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.50	ug/l	
86-73-7	Fluorene	ND	5.0	0.50	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.56	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	1.9	ug/l	
67-72-1	Hexachloroethane	ND	5.0	1.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	0.50	ug/l	
78-59-1	Isophorone	ND	5.0	0.50	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	0.50	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.57	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.50	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.80	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.59	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	5.0	2.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	1.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.50	ug/l	
129-00-0	Pyrene	ND	5.0	0.50	ug/l	
110-86-1	Pyridine	ND	10	1.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MB	X018416.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	45%	14-62%
4165-62-2	Phenol-d5	30%	10-40%
118-79-6	2,4,6-Tribromophenol	82%	33-118%
4165-60-0	Nitrobenzene-d5	81%	42-108%
321-60-8	2-Fluorobiphenyl	80%	40-106%
1718-51-0	Terphenyl-d14	89%	39-121%

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MB	U025677.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	0.50	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.50	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.54	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.54	ug/l	
100-02-7	4-Nitrophenol	ND	25	5.0	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.4	ug/l	
108-95-2	Phenol	ND	5.0	0.50	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.50	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.50	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.50	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.50	ug/l	
62-53-3	Aniline	ND	5.0	0.52	ug/l	
120-12-7	Anthracene	ND	5.0	0.50	ug/l	
92-87-5	Benzidine	ND	25	4.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.50	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.50	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.50	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.50	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.50	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.50	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.50	ug/l	
86-74-8	Carbazole	ND	5.0	0.50	ug/l	
218-01-9	Chrysene	ND	5.0	0.50	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.50	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MB	U025677.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.50	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.50	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	1.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	0.52	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.50	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.99	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.1	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.50	ug/l	
86-73-7	Fluorene	ND	5.0	0.50	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.56	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	1.9	ug/l	
67-72-1	Hexachloroethane	ND	5.0	1.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	0.50	ug/l	
78-59-1	Isophorone	ND	5.0	0.50	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	0.50	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.57	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.50	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.80	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.59	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	5.0	2.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	1.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.50	ug/l	
129-00-0	Pyrene	ND	5.0	0.50	ug/l	
110-86-1	Pyridine	ND	10	1.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MB	U025677.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	45%	14-62%
4165-62-2	Phenol-d5	29%	10-40%
118-79-6	2,4,6-Tribromophenol	84%	33-118%
4165-60-0	Nitrobenzene-d5	80%	42-108%
321-60-8	2-Fluorobiphenyl	79%	40-106%
1718-51-0	Terphenyl-d14	83%	39-121%

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-BS	X018415.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	22.0	22	10-50
95-57-8	2-Chlorophenol	50	36.4	73	44-103
59-50-7	4-Chloro-3-methyl phenol	50	39.7	79	53-105
120-83-2	2,4-Dichlorophenol	50	41.1	82	53-108
105-67-9	2,4-Dimethylphenol	50	35.2	70	37-91
51-28-5	2,4-Dinitrophenol	100	83.6	84	37-111
534-52-1	4,6-Dinitro-o-cresol	100	89.8	90	62-115
95-48-7	2-Methylphenol	50	31.7	63	35-91
	3&4-Methylphenol	100	55.9	56	32-85
88-75-5	2-Nitrophenol	50	40.7	81	49-111
100-02-7	4-Nitrophenol	100	30.1	30	13-55
87-86-5	Pentachlorophenol	100	87.2	87	57-118
108-95-2	Phenol	50	16.2	32	13-54
95-95-4	2,4,5-Trichlorophenol	50	40.1	80	59-106
88-06-2	2,4,6-Trichlorophenol	50	41.9	84	58-107
83-32-9	Acenaphthene	50	42.1	84	58-106
208-96-8	Acenaphthylene	50	41.6	83	58-105
62-53-3	Aniline	50	36.4	73	43-98
120-12-7	Anthracene	50	43.3	87	65-108
92-87-5	Benzidine	50	27.2	54	15-73
56-55-3	Benzo(a)anthracene	50	44.3	89	63-111
50-32-8	Benzo(a)pyrene	50	43.5	87	62-106
205-99-2	Benzo(b)fluoranthene	50	44.2	88	63-109
191-24-2	Benzo(g,h,i)perylene	50	46.0	92	61-111
207-08-9	Benzo(k)fluoranthene	50	45.0	90	64-111
101-55-3	4-Bromophenyl phenyl ether	50	42.2	84	64-107
85-68-7	Butyl benzyl phthalate	50	43.9	88	59-114
100-51-6	Benzyl Alcohol	50	32.5	65	34-98
91-58-7	2-Chloronaphthalene	50	40.0	80	54-105
106-47-8	4-Chloroaniline	50	40.1	80	53-103
86-74-8	Carbazole	50	43.9	88	66-109
218-01-9	Chrysene	50	43.1	86	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	39.5	79	48-101
111-44-4	bis(2-Chloroethyl)ether	50	39.8	80	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	40.4	81	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	42.3	85	61-107

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-BS	X018415.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-50-1	1,2-Dichlorobenzene	50	35.3	71	41-102
122-66-7	1,2-Diphenylhydrazine	50	42.0	84	61-110
541-73-1	1,3-Dichlorobenzene	50	33.6	67	38-100
106-46-7	1,4-Dichlorobenzene	50	34.9	70	40-100
121-14-2	2,4-Dinitrotoluene	50	43.1	86	60-109
606-20-2	2,6-Dinitrotoluene	50	42.4	85	58-104
91-94-1	3,3'-Dichlorobenzidine	50	39.7	79	57-105
53-70-3	Dibenzo(a,h)anthracene	50	45.2	90	62-112
132-64-9	Dibenzofuran	50	42.0	84	61-108
84-74-2	Di-n-butyl phthalate	50	42.9	86	62-109
117-84-0	Di-n-octyl phthalate	50	45.0	90	60-120
84-66-2	Diethyl phthalate	50	43.2	86	62-109
131-11-3	Dimethyl phthalate	50	41.9	84	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	44.0	88	59-116
206-44-0	Fluoranthene	50	43.1	86	65-114
86-73-7	Fluorene	50	42.1	84	61-106
118-74-1	Hexachlorobenzene	50	41.4	83	62-107
87-68-3	Hexachlorobutadiene	50	35.6	71	38-107
77-47-4	Hexachlorocyclopentadiene	50	33.9	68	19-84
67-72-1	Hexachloroethane	50	33.1	66	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	45.6	91	61-113
78-59-1	Isophorone	50	33.4	67	56-111
90-12-0	1-Methylnaphthalene	50	39.3	79	52-102
91-57-6	2-Methylnaphthalene	50	40.2	80	56-112
88-74-4	2-Nitroaniline	50	52.0	104	60-109
99-09-2	3-Nitroaniline	50	39.6	79	52-107
100-01-6	4-Nitroaniline	50	44.4	89	59-111
91-20-3	Naphthalene	50	38.8	78	50-104
98-95-3	Nitrobenzene	50	40.1	80	52-105
62-75-9	N-Nitrosodimethylamine	50	22.1	44	20-71
621-64-7	N-Nitroso-di-n-propylamine	50	39.3	79	51-104
86-30-6	N-Nitrosodiphenylamine	50	42.4	85	57-110
85-01-8	Phenanthrene	50	43.6	87	65-108
129-00-0	Pyrene	50	44.1	88	60-113
110-86-1	Pyridine	50	21.5	43	15-67
120-82-1	1,2,4-Trichlorobenzene	50	34.7	69	45-104

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-BS	X018415.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	43%	14-62%
4165-62-2	Phenol-d5	28%	10-40%
118-79-6	2,4,6-Tribromophenol	84%	33-118%
4165-60-0	Nitrobenzene-d5	80%	42-108%
321-60-8	2-Fluorobiphenyl	80%	40-106%
1718-51-0	Terphenyl-d14	86%	39-121%

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-BS	U025676.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	26.9	27	10-50
95-57-8	2-Chlorophenol	50	36.1	72	44-103
59-50-7	4-Chloro-3-methyl phenol	50	40.5	81	53-105
120-83-2	2,4-Dichlorophenol	50	39.8	80	53-108
105-67-9	2,4-Dimethylphenol	50	33.2	66	37-91
51-28-5	2,4-Dinitrophenol	100	88.8	89	37-111
534-52-1	4,6-Dinitro-o-cresol	100	92.0	92	62-115
95-48-7	2-Methylphenol	50	31.6	63	35-91
	3&4-Methylphenol	100	57.1	57	32-85
88-75-5	2-Nitrophenol	50	40.0	80	49-111
100-02-7	4-Nitrophenol	100	33.1	33	13-55
87-86-5	Pentachlorophenol	100	94.9	95	57-118
108-95-2	Phenol	50	12.8	26	13-54
95-95-4	2,4,5-Trichlorophenol	50	40.7	81	59-106
88-06-2	2,4,6-Trichlorophenol	50	40.4	81	58-107
83-32-9	Acenaphthene	50	40.6	81	58-106
208-96-8	Acenaphthylene	50	39.7	79	58-105
62-53-3	Aniline	50	36.2	72	43-98
120-12-7	Anthracene	50	41.8	84	65-108
92-87-5	Benzidine	50	23.1	46	15-73
56-55-3	Benzo(a)anthracene	50	42.6	85	63-111
50-32-8	Benzo(a)pyrene	50	41.9	84	62-106
205-99-2	Benzo(b)fluoranthene	50	42.9	86	63-109
191-24-2	Benzo(g,h,i)perylene	50	42.8	86	61-111
207-08-9	Benzo(k)fluoranthene	50	42.3	85	64-111
101-55-3	4-Bromophenyl phenyl ether	50	42.5	85	64-107
85-68-7	Butyl benzyl phthalate	50	43.9	88	59-114
100-51-6	Benzyl Alcohol	50	32.3	65	34-98
91-58-7	2-Chloronaphthalene	50	38.5	77	54-105
106-47-8	4-Chloroaniline	50	37.9	76	53-103
86-74-8	Carbazole	50	43.2	86	66-109
218-01-9	Chrysene	50	42.0	84	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	38.8	78	48-101
111-44-4	bis(2-Chloroethyl)ether	50	36.2	72	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	39.9	80	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	41.1	82	61-107

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-BS	U025676.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-50-1	1,2-Dichlorobenzene	50	34.1	68	41-102
122-66-7	1,2-Diphenylhydrazine	50	40.1	80	61-110
541-73-1	1,3-Dichlorobenzene	50	33.0	66	38-100
106-46-7	1,4-Dichlorobenzene	50	32.6	65	40-100
121-14-2	2,4-Dinitrotoluene	50	41.9	84	60-109
606-20-2	2,6-Dinitrotoluene	50	41.5	83	58-104
91-94-1	3,3'-Dichlorobenzidine	50	37.3	75	57-105
53-70-3	Dibenzo(a,h)anthracene	50	41.4	83	62-112
132-64-9	Dibenzofuran	50	41.1	82	61-108
84-74-2	Di-n-butyl phthalate	50	41.6	83	62-109
117-84-0	Di-n-octyl phthalate	50	42.1	84	60-120
84-66-2	Diethyl phthalate	50	42.2	84	62-109
131-11-3	Dimethyl phthalate	50	41.4	83	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	43.5	87	59-116
206-44-0	Fluoranthene	50	41.4	83	65-114
86-73-7	Fluorene	50	41.4	83	61-106
118-74-1	Hexachlorobenzene	50	41.2	82	62-107
87-68-3	Hexachlorobutadiene	50	33.5	67	38-107
77-47-4	Hexachlorocyclopentadiene	50	31.8	64	19-84
67-72-1	Hexachloroethane	50	32.3	65	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	43.1	86	61-113
78-59-1	Isophorone	50	33.4	67	56-111
90-12-0	1-Methylnaphthalene	50	38.3	77	52-102
91-57-6	2-Methylnaphthalene	50	38.8	78	56-112
88-74-4	2-Nitroaniline	50	43.8	88	60-109
99-09-2	3-Nitroaniline	50	39.9	80	52-107
100-01-6	4-Nitroaniline	50	43.6	87	59-111
91-20-3	Naphthalene	50	37.3	75	50-104
98-95-3	Nitrobenzene	50	39.1	78	52-105
62-75-9	N-Nitrosodimethylamine	50	21.5	43	20-71
621-64-7	N-Nitroso-di-n-propylamine	50	39.2	78	51-104
86-30-6	N-Nitrosodiphenylamine	50	42.2	84	57-110
85-01-8	Phenanthrene	50	42.3	85	65-108
129-00-0	Pyrene	50	43.4	87	60-113
110-86-1	Pyridine	50	18.8	38	15-67
120-82-1	1,2,4-Trichlorobenzene	50	32.1	64	45-104

Blank Spike Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-BS	U025676.D	1	05/31/11	NAF	05/27/11	OP37342	SU1234

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	43%	14-62%
4165-62-2	Phenol-d5	28%	10-40%
118-79-6	2,4,6-Tribromophenol	84%	33-118%
4165-60-0	Nitrobenzene-d5	78%	42-108%
321-60-8	2-Fluorobiphenyl	78%	40-106%
1718-51-0	Terphenyl-d14	85%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MS	X018432.D	1	05/29/11	NAF	05/27/11	OP37342	SX908
OP37342-MSD	X018433.D	1	05/29/11	NAF	05/27/11	OP37342	SX908
F82729-3	X018431.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	F82729-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	48 U		192	101	53*	99.7	52*	1	10-50/40
95-57-8	2-Chlorophenol	4.8 U		96.2	76.2	79	69.8	73	9	44-103/29
59-50-7	4-Chloro-3-methyl phenol	4.8 U		96.2	81.8	85	77.8	81	5	53-105/24
120-83-2	2,4-Dichlorophenol	4.8 U		96.2	84.1	87	76.4	79	10	53-108/26
105-67-9	2,4-Dimethylphenol	4.8 U		96.2	73.5	76	68.4	71	7	37-91/28
51-28-5	2,4-Dinitrophenol	24 U		192	170	88	170	88	0	37-111/30
534-52-1	4,6-Dinitro-o-cresol	9.5 U		192	180	94	179	93	1	62-115/26
95-48-7	2-Methylphenol	4.8 U		96.2	74.6	78	67.5	70	10	35-91/30
	3&4-Methylphenol	4.8 U		192	141	73	129	67	9	32-85/29
88-75-5	2-Nitrophenol	4.8 U		96.2	84.6	88	75.7	79	11	49-111/30
100-02-7	4-Nitrophenol	24 U		192	114	59*	109	57*	4	13-55/31
87-86-5	Pentachlorophenol	24 U		192	174	90	173	90	1	57-118/26
108-95-2	Phenol	4.8 U		96.2	53.3	55*	47.5	49	12	13-54/34
95-95-4	2,4,5-Trichlorophenol	4.8 U		96.2	82.7	86	79.4	83	4	59-106/23
88-06-2	2,4,6-Trichlorophenol	4.8 U		96.2	85.0	88	80.4	84	6	58-107/24
83-32-9	Acenaphthene	4.8 U		96.2	84.7	88	80.4	84	5	58-106/21
208-96-8	Acenaphthylene	4.8 U		96.2	85.0	88	81.1	84	5	58-105/21
62-53-3	Aniline	4.8 U		96.2	78.1	81	71.0	74	10	43-98/28
120-12-7	Anthracene	4.8 U		96.2	85.2	89	84.1	87	1	65-108/19
92-87-5	Benzidine	24 U		96.2	18.1	19	9.9	10*	59*	15-73/23
56-55-3	Benzo(a)anthracene	4.8 U		96.2	88.9	92	85.9	89	3	63-111/19
50-32-8	Benzo(a)pyrene	4.8 U		96.2	86.1	90	82.7	86	4	62-106/20
205-99-2	Benzo(b)fluoranthene	4.8 U		96.2	89.9	93	84.1	87	7	63-109/20
191-24-2	Benzo(g,h,i)perylene	4.8 U		96.2	88.1	92	85.6	89	3	61-111/21
207-08-9	Benzo(k)fluoranthene	4.8 U		96.2	86.4	90	85.7	89	1	64-111/20
101-55-3	4-Bromophenyl phenyl ether	4.8 U		96.2	83.7	87	82.2	85	2	64-107/20
85-68-7	Butyl benzyl phthalate	4.8 U		96.2	90.6	94	86.8	90	4	59-114/20
100-51-6	Benzyl Alcohol	4.8 U		96.2	76.0	79	68.3	71	11	34-98/27
91-58-7	2-Chloronaphthalene	4.8 U		96.2	83.4	87	77.9	81	7	54-105/24
106-47-8	4-Chloroaniline	4.8 U		96.2	70.1	73	65.5	68	7	53-103/22
86-74-8	Carbazole	4.8 U		96.2	85.4	89	83.4	87	2	66-109/20
218-01-9	Chrysene	4.8 U		96.2	86.9	90	84.6	88	3	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	4.8 U		96.2	80.8	84	72.7	76	11	48-101/28
111-44-4	bis(2-Chloroethyl)ether	4.8 U		96.2	80.4	84	73.4	76	9	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	4.8 U		96.2	80.0	83	72.7	76	10	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	4.8 U		96.2	85.9	89	81.8	85	5	61-107/20

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MS	X018432.D	1	05/29/11	NAF	05/27/11	OP37342	SX908
OP37342-MSD	X018433.D	1	05/29/11	NAF	05/27/11	OP37342	SX908
F82729-3	X018431.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Compound	F82729-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-50-1	1,2-Dichlorobenzene	4.8 U		96.2	76.5	80	70.4	73	8	41-102/28
122-66-7	1,2-Diphenylhydrazine	4.8 U		96.2	84.3	88	81.7	85	3	61-110/20
541-73-1	1,3-Dichlorobenzene	4.8 U		96.2	73.9	77	67.8	71	9	38-100/28
106-46-7	1,4-Dichlorobenzene	4.8 U		96.2	75.4	78	68.8	72	9	40-100/28
121-14-2	2,4-Dinitrotoluene	4.8 U		96.2	86.1	90	84.2	88	2	60-109/20
606-20-2	2,6-Dinitrotoluene	4.8 U		96.2	85.6	89	83.3	87	3	58-104/21
91-94-1	3,3'-Dichlorobenzidine	9.5 U		96.2	70.1	73	68.5	71	2	57-105/25
53-70-3	Dibenzo(a,h)anthracene	4.8 U		96.2	87.8	91	83.4	87	5	62-112/20
132-64-9	Dibenzofuran	4.8 U		96.2	84.2	88	81.2	84	4	61-108/20
84-74-2	Di-n-butyl phthalate	4.8 U		96.2	84.6	88	82.4	86	3	62-109/20
117-84-0	Di-n-octyl phthalate	4.8 U		96.2	92.5	96	88.9	92	4	60-120/24
84-66-2	Diethyl phthalate	4.8 U		96.2	86.1	90	83.9	87	3	62-109/19
131-11-3	Dimethyl phthalate	4.8 U		96.2	84.9	88	82.8	86	3	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	4.8 U		96.2	90.7	94	87.5	91	4	59-116/21
206-44-0	Fluoranthene	4.8 U		96.2	84.4	88	83.3	87	1	65-114/21
86-73-7	Fluorene	4.8 U		96.2	85.2	89	82.8	86	3	61-106/19
118-74-1	Hexachlorobenzene	4.8 U		96.2	81.9	85	80.9	84	1	62-107/20
87-68-3	Hexachlorobutadiene	4.8 U		96.2	80.0	83	72.1	75	10	38-107/30
77-47-4	Hexachlorocyclopentadiene	9.5 U		96.2	64.4	67	64.9	67	1	19-84/35
67-72-1	Hexachloroethane	4.8 U		96.2	76.3	79	69.7	72	9	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	4.8 U		96.2	92.6	96	86.8	90	6	61-113/20
78-59-1	Isophorone	4.8 U		96.2	68.1	71	61.5	64	10	56-111/26
90-12-0	1-Methylnaphthalene	4.8 U		96.2	80.8	84	74.2	77	9	52-102/25
91-57-6	2-Methylnaphthalene	4.8 U		96.2	81.2	84	74.2	77	9	56-112/26
88-74-4	2-Nitroaniline	4.8 U		96.2	104	108	101	105	3	60-109/20
99-09-2	3-Nitroaniline	4.8 U		96.2	68.0	71	69.6	72	2	52-107/21
100-01-6	4-Nitroaniline	4.8 U		96.2	86.0	89	83.2	87	3	59-111/21
91-20-3	Naphthalene	4.8 U		96.2	80.8	84	73.3	76	10	50-104/28
98-95-3	Nitrobenzene	4.8 U		96.2	81.7	85	73.3	76	11	52-105/28
62-75-9	N-Nitrosodimethylamine	4.8 U		96.2	63.7	66	58.0	60	9	20-71/32
621-64-7	N-Nitroso-di-n-propylamine	4.8 U		96.2	77.2	80	70.7	74	9	51-104/28
86-30-6	N-Nitrosodiphenylamine	4.8 U		96.2	85.3	89	83.6	87	2	57-110/19
85-01-8	Phenanthrene	4.8 U		96.2	85.6	89	83.8	87	2	65-108/20
129-00-0	Pyrene	4.8 U		96.2	88.2	92	84.6	88	4	60-113/20
110-86-1	Pyridine	9.5 U		96.2	60.8	63	52.9	55	14	15-67/40
120-82-1	1,2,4-Trichlorobenzene	4.8 U		96.2	75.2	78	67.3	70	11	45-104/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82801
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37342-MS	X018432.D	1	05/29/11	NAF	05/27/11	OP37342	SX908
OP37342-MSD	X018433.D	1	05/29/11	NAF	05/27/11	OP37342	SX908
F82729-3	X018431.D	1	05/29/11	NAF	05/27/11	OP37342	SX908

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82801-2, F82801-3, F82801-4, F82801-5, F82801-6, F82801-7, F82801-8, F82801-9

CAS No.	Surrogate Recoveries	MS	MSD	F82729-3	Limits
367-12-4	2-Fluorophenol	65%*	59%		14-62%
4165-62-2	Phenol-d5	52%*	47%*		10-40%
118-79-6	2,4,6-Tribromophenol	87%	85%		33-118%
4165-60-0	Nitrobenzene-d5	83%	76%	76%	42-108%
321-60-8	2-Fluorobiphenyl	85%	81%	77%	40-106%
1718-51-0	Terphenyl-d14	89%	85%	84%	39-121%

Southeast ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20676
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:					05/31/11		05/31/11		05/31/11
Metal	RL	IDL	MDL	MB raw	final	MB raw	final	MB raw	final
Aluminum	40	4.8	5						
Antimony	1.2	.2	.4						
Arsenic	2.0	.2	.4	-1.1	<10	-1.3	<10		
Barium	40	.8	1	0.0	<200	0.30	<200		
Beryllium	0.80	.02	.2						
Cadmium	1.0	.02	.2	0.0	<5.0	0.0	<5.0		
Calcium	200	10	20						
Chromium	2.0	.2	.2	7.9	<20	9.2	<20		
Cobalt	10	.2	.2						
Copper	5.0	.2	.4						
Iron	60	4.6	7						
Lead	1.0	.2	.2	1.4	<5.0	1.4	<5.0		
Magnesium	1000	10	20						
Manganese	3.0	.2	.2						
Molybdenum	10	.2	.4						
Nickel	8.0	.2	.4						
Potassium	2000	10	100						
Selenium	2.0	.4	.4	-0.40	<10	-0.40	<10		
Silver	2.0	.2	.2	-0.20	<10	0.0	<10		
Sodium	2000	170	380						
Strontium	2.0	.2	.2						
Thallium	2.0	.3	.37						
Tin	10	.2	.2						
Titanium	2.0	.2	.4						
Vanadium	10	.2	.2						
Zinc	4.0	.2	1						

Associated samples MP20676: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20676
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			05/31/11					05/31/11	
Metal	F82614-1 Original	DUP	RPD	QC Limits	F82614-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.0	0.0	NC	0-20	0.0	2030	2000	101.5	80-120
Barium	21.1	21.1	0.0	0-20	21.1	2130	2000	105.4	80-120
Beryllium									
Cadmium	0.0	0.0	NC	0-20	0.0	52.0	50	104.0	80-120
Calcium									
Chromium	11.0	10.5	4.7	0-20	11.0	225	200	107.0	80-120
Cobalt									
Copper									
Iron									
Lead	2.2	2.1	4.7	0-20	2.2	498	500	99.2	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Potassium									
Selenium	0.0	0.0	NC	0-20	0.0	1950	2000	97.5	80-120
Silver	0.0	0.0	NC	0-20	0.0	50.9	50	101.8	80-120
Sodium	anr								
Strontium									
Thallium									
Tin									
Titanium									
Vanadium	anr								
Zinc	anr								

Associated samples MP20676: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20676
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/31/11

Metal	F82614-1 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	2010	2000	100.5	1.0	20
Barium	21.1	2110	2000	104.4	0.9	20
Beryllium						
Cadmium	0.0	51.1	50	102.2	1.7	20
Calcium						
Chromium	11.0	221	200	105.0	1.8	20
Cobalt						
Copper						
Iron						
Lead	2.2	490	500	97.6	1.6	20
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Potassium						
Selenium	0.0	1920	2000	96.0	1.6	20
Silver	0.0	50.2	50	100.4	1.4	20
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Vanadium	anr					
Zinc	anr					

Associated samples MP20676: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20676
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/31/11

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	1980	2000	99.0	80-120
Barium	2040	2000	102.0	80-120
Beryllium				
Cadmium	51.8	50	103.6	80-120
Calcium				
Chromium	221	200	110.5	80-120
Cobalt				
Copper				
Iron				
Lead	488	500	97.6	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Potassium				
Selenium	1920	2000	96.0	80-120
Silver	49.5	50	99.0	80-120
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP20676: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20676
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/31/11

Metal	F82614-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	21.1	23.9	13.3 (a)	0-10
Beryllium				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	11.0	12.1	10.0	0-10
Cobalt				
Copper				
Iron				
Lead	2.20	0.00	100.0(a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Potassium				
Selenium	0.00	0.00	NC	0-10
Silver	0.00	0.00	NC	0-10
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP20676: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20676
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/31/11

Metal	Sample ml	Final ml	F82614-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	0	0	98.4	0.2	5	100	98.4	80-120
Barium	9.8	10	21.1	20.678	271.9	0.2	12.5	250	100.5	80-120
Beryllium										
Cadmium	9.8	10	0	0	50.9	0.2	2.5	50	101.8	80-120
Calcium										
Chromium	9.8	10	11	10.78	61.4	0.2	2.5	50	101.2	80-120
Cobalt										
Copper										
Iron										
Lead	9.8	10	2.2	2.156	48.1	0.2	2.5	50	91.9	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium	9.8	10	0	0	94.3	0.2	5	100	94.3	80-120
Silver	9.8	10	0	0	50.4	0.2	2.5	50	100.8	80-120
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP20676: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20700 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/02/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	1.0	.071	.05	0.059	<1.0

Associated samples MP20700: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20700 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/02/11 06/02/11

Metal	F82795-1 Original	DUP	RPD	QC Limits	F82795-1 Original	MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-20	0.0	3.1	3	103.3	80-120

Associated samples MP20700: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20700 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/02/11

Metal	F82795-1 Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.2	3	106.7	3.2	20

Associated samples MP20700: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20700
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 06/02/11

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	2.9	3	96.7	80-120

Associated samples MP20700: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F82801
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20700
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 06/02/11

Metal	F82795-1 Original	SDL 1:5	%DIF	QC Limits
Mercury	0.00	0.00	NC	0-10

Associated samples MP20700: F82801-1, F82801-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Southeast ACCUTEST LABORATORIES

06/13/11

Technical Report for

Bunnell-Lammons Engineering, Inc

Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

7390-03

Accutest Job Number: F82880

Sampling Dates: 05/25/11 - 05/26/11

Report to:

Bunnell-Lammons Engineering, Inc
6004 Ponders Court
Greenville, SC 29615
tslack@blecorp.com; tom@blecorp.com

ATTN: Trever Slack

Total number of pages in report: **92**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Sample Summary

Bunnell-Lammons Engineering, Inc

Job No: F82880

Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC
Project No: 7390-03

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F82880-1	05/25/11	12:30	II	05/29/11	SO	Sludge	BSB-2
F82880-2	05/25/11	13:46	II	05/29/11	SO	Sludge	BSB-3
F82880-3	05/25/11	13:50	II	05/29/11	SO	Sludge	BSB-4
F82880-4	05/25/11	16:10	II	05/29/11	SO	Sludge	BSB-5
F82880-5	05/25/11	14:10	II	05/29/11	AQ	Ground Water	MW
F82880-6	05/25/11	13:30	II	05/29/11	AQ	Ground Water	BGW-7
F82880-7	05/26/11	12:47	II	05/29/11	AQ	Ground Water	BGW-15R
F82880-8	05/26/11	12:29	II	05/29/11	AQ	Ground Water	BGW-18
F82880-9	05/26/11	14:08	II	05/29/11	AQ	Ground Water	BGW-20
F82880-10	05/26/11	13:30	II	05/29/11	AQ	Ground Water	BGW-21
F82880-11	05/26/11	16:30	II	05/29/11	AQ	Ground Water	BGW-23

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	BSB-2		
Lab Sample ID:	F82880-1	**Date Sampled:**	05/25/11
Matrix:	SO - Sludge	**Date Received:**	05/29/11
		Percent Solids:	62.8
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.72	0.72	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Barium	14.8	14	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.29	0.29	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Chromium [a]	17.1	1.4	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Lead	5.1	1.4	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.12	0.12	mg/kg	1	06/01/11	06/01/11	LM	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 1.4	1.4	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.72	0.72	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA8987
(2) Instrument QC Batch: MA8988
(3) Prep QC Batch: MP20679
(4) Prep QC Batch: MP20684

(a) Elevated RL/MDL due to positive bias of Method Blank.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	BSB-3		
Lab Sample ID:	F82880-2	**Date Sampled:**	05/25/11
Matrix:	SO - Sludge	**Date Received:**	05/29/11
		Percent Solids:	64.2
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.74	0.74	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Barium	67.8	15	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.30	0.30	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Chromium [a]	10.8	1.5	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Lead	17.4	1.5	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.13	0.13	mg/kg	1	06/01/11	06/01/11	LM	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 1.5	1.5	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.74	0.74	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA8987
(2) Instrument QC Batch: MA8988
(3) Prep QC Batch: MP20679
(4) Prep QC Batch: MP20684

(a) Elevated RL/MDL due to positive bias of Method Blank.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	BSB-4		
Lab Sample ID:	F82880-3	**Date Sampled:**	05/25/11
Matrix:	SO - Sludge	**Date Received:**	05/29/11
		Percent Solids:	74.2
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	< 1.2	1.2	mg/kg	2	06/01/11	06/02/11	RS	SW846 6010C [3]	SW846 3050B [5]
Barium	53.7	12	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [5]
Cadmium [a]	< 0.48	0.48	mg/kg	2	06/01/11	06/02/11	RS	SW846 6010C [3]	SW846 3050B [5]
Chromium [a]	44.0	1.2	mg/kg	2	06/01/11	06/02/11	RS	SW846 6010C [3]	SW846 3050B [5]
Lead [a]	5.1	2.4	mg/kg	2	06/01/11	06/02/11	RS	SW846 6010C [3]	SW846 3050B [5]
Mercury	< 0.098	0.098	mg/kg	1	06/01/11	06/01/11	LM	SW846 7471B [1]	SW846 7471B [4]
Selenium [a]	< 2.4	2.4	mg/kg	2	06/01/11	06/02/11	RS	SW846 6010C [3]	SW846 3050B [5]
Silver [a]	< 1.2	1.2	mg/kg	2	06/01/11	06/02/11	RS	SW846 6010C [3]	SW846 3050B [5]

(1) Instrument QC Batch: MA8987
(2) Instrument QC Batch: MA8988
(3) Instrument QC Batch: MA8993
(4) Prep QC Batch: MP20679
(5) Prep QC Batch: MP20684

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	BSB-5		
Lab Sample ID:	F82880-4	**Date Sampled:**	05/25/11
Matrix:	SO - Sludge	**Date Received:**	05/29/11
		Percent Solids:	62.2
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.80	0.80	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Barium	30.2	16	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.32	0.32	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Chromium [a]	7.0	1.6	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Lead	12.2	1.6	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.12	0.12	mg/kg	1	06/01/11	06/01/11	LM	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 1.6	1.6	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.80	0.80	mg/kg	1	06/01/11	06/02/11	RS	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA8987
(2) Instrument QC Batch: MA8988
(3) Prep QC Batch: MP20679
(4) Prep QC Batch: MP20684

(a) Elevated RL/MDL due to positive bias of Method Blank.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW		
Lab Sample ID:	F82880-5	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	MADEP EPH REV 1.1 SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	BG27994.D	1	06/08/11	AMA	06/02/11	M:OP25110	M:GBG956
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

Extractable TPHC Ranges

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	1540	100	100	ug/l	
	C9-C18 Aliphatics	430	100	100	ug/l	
	C19-C36 Aliphatics	4370	100	100	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		40-140%
321-60-8	2-Fluorobiphenyl	95%		40-140%
3386-33-2	1-Chlorooctadecane	42%		40-140%
580-13-2	2-Bromonaphthalene	96%		40-140%

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-7		
Lab Sample ID:	F82880-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0051508.D	1	06/08/11	NMC	n/a	n/a	VM2081
Run #2 [a]	M0051595.D	1	06/11/11	NMC	n/a	n/a	VM2084

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein [b]	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	3.6	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [c]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-7		
Lab Sample ID:	F82880-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	0.38	1.0	0.20	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-7		
Lab Sample ID:	F82880-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%	104%	87-116%
17060-07-0	1,2-Dichloroethane-D4	118%	111%	76-127%
2037-26-5	Toluene-D8	105%	104%	86-112%
460-00-4	4-Bromofluorobenzene	96%	97%	84-120%

(a) Confirmation run.
(b) Associated CCV and BS recovery outside control limits.
(c) Associated BS and ICV recovery outside control limits.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-7		
Lab Sample ID:	F82880-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018538.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.52	ug/l	
	3&4-Methylphenol	ND	4.8	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.52	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.2	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-7		
Lab Sample ID:	F82880-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.52	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	0.96	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.95	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.1	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.54	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.96	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.6	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.96	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.55	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.77	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.57	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.96	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.6	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-7		
Lab Sample ID:	F82880-6	**Date Sampled:**	05/25/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-62%
4165-62-2	Phenol-d5	30%		10-40%
118-79-6	2,4,6-Tribromophenol	74%		33-118%
4165-60-0	Nitrobenzene-d5	68%		42-108%
321-60-8	2-Fluorobiphenyl	68%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-15R		
Lab Sample ID:	F82880-7	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018539.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-15R		
Lab Sample ID:	F82880-7	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-15R		
Lab Sample ID:	F82880-7	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-62%
4165-62-2	Phenol-d5	24%		10-40%
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	63%		42-108%
321-60-8	2-Fluorobiphenyl	64%		40-106%
1718-51-0	Terphenyl-d14	73%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-18		
Lab Sample ID:	F82880-8	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066253.D	1	06/09/11	MM	n/a	n/a	VJ3613
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	60.8	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-18		
Lab Sample ID:	F82880-8	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-18		
Lab Sample ID:	F82880-8	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	99%		76-127%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	97%		84-120%

(a) ICV and associated BS outside of control limits.

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-18		
Lab Sample ID:	F82880-8	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018540.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.52	ug/l	
	3&4-Methylphenol	ND	4.8	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.52	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.2	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-18		
Lab Sample ID:	F82880-8	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.52	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	0.96	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.95	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.1	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.54	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.96	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.6	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.96	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.55	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.77	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.57	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.96	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.6	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-18		
Lab Sample ID:	F82880-8	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		14-62%
4165-62-2	Phenol-d5	30%		10-40%
118-79-6	2,4,6-Tribromophenol	75%		33-118%
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	66%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-20		
Lab Sample ID:	F82880-9	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066254.D	1	06/09/11	MM	n/a	n/a	VJ3613
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-20		
Lab Sample ID:	F82880-9	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-20		
Lab Sample ID:	F82880-9	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	98%		84-120%

(a) ICV and associated BS outside of control limits.

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-20		
Lab Sample ID:	F82880-9	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018541.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-20		
Lab Sample ID:	F82880-9	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-20		
Lab Sample ID:	F82880-9	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		14-62%
4165-62-2	Phenol-d5	29%		10-40%
118-79-6	2,4,6-Tribromophenol	84%		33-118%
4165-60-0	Nitrobenzene-d5	70%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	81%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-21		
Lab Sample ID:	F82880-10	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066255.D	1	06/09/11	MM	n/a	n/a	VJ3613
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.5	25	10	ug/l	J
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-21		
Lab Sample ID:	F82880-10	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-21		
Lab Sample ID:	F82880-10	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	94%		84-120%

(a) ICV and associated BS outside of control limits.

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-21		
Lab Sample ID:	F82880-10	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018542.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-21		
Lab Sample ID:	F82880-10	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	1.1	4.8	1.0	ug/l	J
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	0.71	4.8	0.48	ug/l	J
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-21		
Lab Sample ID:	F82880-10	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-62%
4165-62-2	Phenol-d5	29%		10-40%
118-79-6	2,4,6-Tribromophenol	71%		33-118%
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	64%		40-106%
1718-51-0	Terphenyl-d14	69%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-23		
Lab Sample ID:	F82880-11	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J066256.D	1	06/09/11	MM	n/a	n/a	VJ3613
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.3	25	10	ug/l	J
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-23		
Lab Sample ID:	F82880-11	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-23		
Lab Sample ID:	F82880-11	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	97%		84-120%

(a) ICV and associated BS outside of control limits.

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-23		
Lab Sample ID:	F82880-11	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018543.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	ND	4.8	0.48	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-23		
Lab Sample ID:	F82880-11	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BGW-23		
Lab Sample ID:	F82880-11	**Date Sampled:**	05/26/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-62%
4165-62-2	Phenol-d5	30%		10-40%
118-79-6	2,4,6-Tribromophenol	83%		33-118%
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	75%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Pace Analytical® www.pacelabs.com — ACCUTEST

CHAIN-OF-CUSTODY / Analytical Request Document

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

F82880

Page: of 1452369

Section A Required Client Information:
Company: BLE
Address: 6004 Pelham CT Greenville SC 29615
Email To: TSlack@BLEcorp.com
Phone: 864-288-1265 Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Trevor Slack
Copy To:
Purchase Order No.:
Project Name: Volvo
Project Number:

Section C Invoice Information:
Attention: Trevor Slack
Company Name: Same
Address: Same
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER
Site Location STATE: NC

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

Requested Analysis Filtered (Y/N): 8 RCRA, 8260 + 5 oxy, 8260 + 8 Fuel

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	8 RCRA	8260 + 5 oxy	8260 + 8 Fuel	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	BSB-2	SL	G			5/25/11	1230			✓								✓				
2	BSB-3						1346											✓				
3	BSB-4						1350											✓				
4	BSB-5					5/25/11	1610											✓				
5	MW	GW	G			5/26/11	1410												✓			
6	BGW-7					5/25/11	1330												✓	✓		
7	BGW-15R					5/26/11	1247												✓	✓		
8	BGW-18					5/26/11	1239												✓	✓		
9	BGW-20					5/26/11	1408												✓	✓		
10	BGW-21					5/26/11	1330												✓	✓		
11	DGW-22					5/26/11	1630												✓	✓		
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Ivan A. Irizarry	5/27/11	1700	FX			
	FX	5/28/11	930	CAR / Accutest	5/28/11	930	

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ivan A. Irizarry
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 5/27/11

Temp in °C: 3.6 | 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

F82880: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F82880 CLIENT: BLE PROJECT: 14523609

DATE/TIME RECEIVED: 5/28/11 930 {MM/DD/YY 24:00} NIMBER OF COOLERS RECEIVED: 1

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8715 9217 3019

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE PRESENT

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [/] TRIP BLANK NOT PROVIDED
- [/] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM / 5-GRAM /

NUMBER OF 5035 FIELD KITS ? /

NUMBER OF LAB FILTERED METALS ? /

TEMPERATURE INFORMATION

- [ ] IR THERM ID IR1 CORR. FACTOR +.4
- [ ] OBSERVED TEMPS: 3.2
- [ ] CORRECTED TEMPS: 3.6

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [/] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [/] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

{APPICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS: Sample 7 DID on receive vials. each only has one Amber (N/P)
Sample 8 received 1 vial half full and one Almost completely empty.

TECHNICIAN SIGNATURE/DATE [signature] 5/28/11 REVIEWER SIGNATURE/DATE [signature]

NF 12/10 receipt confirmation 122910.xls

F82880: Chain of Custody
Page 2 of 2

Southeast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM2081-MB	M0051507.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM2081-MB	M0051507.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	2.0	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	1.3	5.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.2	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM2081-MB	M0051507.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	109%	87-116%
17060-07-0	1,2-Dichloroethane-D4	117%	76-127%
2037-26-5	Toluene-D8	105%	86-112%
460-00-4	4-Bromofluorobenzene	99%	84-120%

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3613-MB	J066242.D	1	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3613-MB	J066242.D	1	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3613-MB	J066242.D	1	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	87-116%
17060-07-0	1,2-Dichloroethane-D4	99%	76-127%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	96%	84-120%

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM2081-BS	M0051506.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	122	98	59-134
107-02-8	Acrolein	125	38.6	31*	33-157
107-13-1	Acrylonitrile	125	112	90	62-124
71-43-2	Benzene	25	23.5	94	83-124
108-86-1	Bromobenzene	25	26.4	106	83-115
74-97-5	Bromochloromethane	25	23.5	94	78-112
75-27-4	Bromodichloromethane	25	25.5	102	76-116
75-25-2	Bromoform	25	27.1	108	68-128
104-51-8	n-Butylbenzene	25	27.3	109	84-124
135-98-8	sec-Butylbenzene	25	28.1	112	86-127
98-06-6	tert-Butylbenzene	25	27.9	112	83-126
108-90-7	Chlorobenzene	25	27.6	110	87-115
75-00-3	Chloroethane	25	20.3	81	54-166
67-66-3	Chloroform	25	26.0	104	85-123
95-49-8	o-Chlorotoluene	25	27.1	108	84-121
106-43-4	p-Chlorotoluene	25	27.2	109	84-120
110-75-8	2-Chloroethyl vinyl ether	125	73.3	59*	63-125
75-15-0	Carbon disulfide	25	23.4	94	67-147
56-23-5	Carbon tetrachloride	25	27.7	111	74-139
75-34-3	1,1-Dichloroethane	25	25.1	100	82-127
75-35-4	1,1-Dichloroethylene	25	28.3	113	75-133
563-58-6	1,1-Dichloropropene	25	26.1	104	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	27.5	110	61-118
106-93-4	1,2-Dibromoethane	25	25.5	102	80-115
107-06-2	1,2-Dichloroethane	25	27.2	109	76-122
78-87-5	1,2-Dichloropropane	25	23.1	92	81-120
142-28-9	1,3-Dichloropropane	25	25.6	102	81-113
594-20-7	2,2-Dichloropropane	25	26.6	106	77-138
124-48-1	Dibromochloromethane	25	26.6	106	74-116
75-71-8	Dichlorodifluoromethane	25	11.8	47	34-158
156-59-2	cis-1,2-Dichloroethylene	25	24.1	96	81-114
10061-01-5	cis-1,3-Dichloropropene	25	24.4	98	83-119
541-73-1	m-Dichlorobenzene	25	27.1	108	86-115
95-50-1	o-Dichlorobenzene	25	26.7	107	85-115
106-46-7	p-Dichlorobenzene	25	27.2	109	87-113
156-60-5	trans-1,2-Dichloroethylene	25	24.8	99	82-126

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM2081-BS	M0051506.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	29.4	118	87-123
100-41-4	Ethylbenzene	25	27.6	110	87-118
591-78-6	2-Hexanone	125	135	108	58-125
87-68-3	Hexachlorobutadiene	25	29.0	116	71-133
98-82-8	Isopropylbenzene	25	28.9	116	87-131
99-87-6	p-Isopropyltoluene	25	27.2	109	83-125
108-10-1	4-Methyl-2-pentanone	125	139	111	62-125
74-83-9	Methyl bromide	25	20.6	82	55-151
74-87-3	Methyl chloride	25	17.4	70	55-173
74-95-3	Methylene bromide	25	24.3	97	81-116
75-09-2	Methylene chloride	25	25.1	100	69-125
78-93-3	Methyl ethyl ketone	125	122	98	61-127
1634-04-4	Methyl Tert Butyl Ether	25	23.4	94	75-116
91-20-3	Naphthalene	25	26.9	108	59-125
103-65-1	n-Propylbenzene	25	28.4	114	86-125
100-42-5	Styrene	25	26.2	105	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	27.5	110	81-119
71-55-6	1,1,1-Trichloroethane	25	26.7	107	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	27.2	109	71-120
79-00-5	1,1,2-Trichloroethane	25	27.1	108	80-114
87-61-6	1,2,3-Trichlorobenzene	25	27.1	108	64-126
96-18-4	1,2,3-Trichloropropane	25	28.7	115	77-115
120-82-1	1,2,4-Trichlorobenzene	25	26.2	105	68-123
95-63-6	1,2,4-Trimethylbenzene	25	26.8	107	82-120
108-67-8	1,3,5-Trimethylbenzene	25	26.6	106	83-123
127-18-4	Tetrachloroethylene	25	28.5	114	80-131
108-88-3	Toluene	25	27.1	108	86-116
79-01-6	Trichloroethylene	25	26.2	105	85-124
75-69-4	Trichlorofluoromethane	25	25.9	104	66-156
75-01-4	Vinyl chloride	25	17.9	72	57-153
108-05-4	Vinyl Acetate	125	112	90	38-159
	m,p-Xylene	50	57.5	115	86-121
95-47-6	o-Xylene	25	26.1	104	83-121

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM2081-BS	M0051506.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	115%	76-127%
2037-26-5	Toluene-D8	106%	86-112%
460-00-4	4-Bromofluorobenzene	98%	84-120%

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3613-BS	J066241.D	1	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	98.6	79	59-134
107-02-8	Acrolein	125	70.7	57	33-157
107-13-1	Acrylonitrile	125	130	104	62-124
71-43-2	Benzene	25	26.9	108	83-124
108-86-1	Bromobenzene	25	24.8	99	83-115
74-97-5	Bromochloromethane	25	24.4	98	78-112
75-27-4	Bromodichloromethane	25	26.4	106	76-116
75-25-2	Bromoform	25	24.8	99	68-128
104-51-8	n-Butylbenzene	25	23.8	95	84-124
135-98-8	sec-Butylbenzene	25	27.8	111	86-127
98-06-6	tert-Butylbenzene	25	26.0	104	83-126
108-90-7	Chlorobenzene	25	25.3	101	87-115
75-00-3	Chloroethane	25	22.1	88	54-166
67-66-3	Chloroform	25	25.9	104	85-123
95-49-8	o-Chlorotoluene	25	25.1	100	84-121
106-43-4	p-Chlorotoluene	25	25.9	104	84-120
110-75-8	2-Chloroethyl vinyl ether	125	54.8	44*	63-125
75-15-0	Carbon disulfide	25	24.1	96	67-147
56-23-5	Carbon tetrachloride	25	28.6	114	74-139
75-34-3	1,1-Dichloroethane	25	26.8	107	82-127
75-35-4	1,1-Dichloroethylene	25	27.7	111	75-133
563-58-6	1,1-Dichloropropene	25	27.7	111	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	21.1	84	61-118
106-93-4	1,2-Dibromoethane	25	24.0	96	80-115
107-06-2	1,2-Dichloroethane	25	24.1	96	76-122
78-87-5	1,2-Dichloropropane	25	25.9	104	81-120
142-28-9	1,3-Dichloropropane	25	23.9	96	81-113
594-20-7	2,2-Dichloropropane	25	25.0	100	77-138
124-48-1	Dibromochloromethane	25	24.7	99	74-116
75-71-8	Dichlorodifluoromethane	25	12.4	50	34-158
156-59-2	cis-1,2-Dichloroethylene	25	25.7	103	81-114
10061-01-5	cis-1,3-Dichloropropene	25	25.9	104	83-119
541-73-1	m-Dichlorobenzene	25	25.2	101	86-115
95-50-1	o-Dichlorobenzene	25	24.8	99	85-115
106-46-7	p-Dichlorobenzene	25	25.1	100	87-113
156-60-5	trans-1,2-Dichloroethylene	25	26.4	106	82-126

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3613-BS	J066241.D	1	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	24.8	99	87-123
100-41-4	Ethylbenzene	25	25.8	103	87-118
591-78-6	2-Hexanone	125	113	90	58-125
87-68-3	Hexachlorobutadiene	25	26.9	108	71-133
98-82-8	Isopropylbenzene	25	28.4	114	87-131
99-87-6	p-Isopropyltoluene	25	25.2	101	83-125
108-10-1	4-Methyl-2-pentanone	125	116	93	62-125
74-83-9	Methyl bromide	25	21.5	86	55-151
74-87-3	Methyl chloride	25	18.1	72	55-173
74-95-3	Methylene bromide	25	25.0	100	81-116
75-09-2	Methylene chloride	25	25.2	101	69-125
78-93-3	Methyl ethyl ketone	125	103	82	61-127
1634-04-4	Methyl Tert Butyl Ether	25	23.4	94	75-116
91-20-3	Naphthalene	25	24.8	99	59-125
103-65-1	n-Propylbenzene	25	26.7	107	86-125
100-42-5	Styrene	25	23.5	94	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	26.7	107	81-119
71-55-6	1,1,1-Trichloroethane	25	27.4	110	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	23.0	92	71-120
79-00-5	1,1,2-Trichloroethane	25	23.7	95	80-114
87-61-6	1,2,3-Trichlorobenzene	25	24.1	96	64-126
96-18-4	1,2,3-Trichloropropane	25	24.2	97	77-115
120-82-1	1,2,4-Trichlorobenzene	25	24.5	98	68-123
95-63-6	1,2,4-Trimethylbenzene	25	25.9	104	82-120
108-67-8	1,3,5-Trimethylbenzene	25	25.3	101	83-123
127-18-4	Tetrachloroethylene	25	40.5	162*	80-131
108-88-3	Toluene	25	26.2	105	86-116
79-01-6	Trichloroethylene	25	27.9	112	85-124
75-69-4	Trichlorofluoromethane	25	26.0	104	66-156
75-01-4	Vinyl chloride	25	22.6	90	57-153
108-05-4	Vinyl Acetate	125	109	87	38-159
	m,p-Xylene	50	52.9	106	86-121
95-47-6	o-Xylene	25	25.8	103	83-121

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ3613-BS	J066241.D	1	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	87-116%
17060-07-0	1,2-Dichloroethane-D4	98%	76-127%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	97%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82826-1MS	M0051522.D	1	06/09/11	NMC	n/a	n/a	VM2081
F82826-1MSD	M0051523.D	1	06/09/11	NMC	n/a	n/a	VM2081
F82826-1	M0051511.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Compound	F82826-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	107	86	107	86	0	59-134/14
107-02-8	Acrolein	ND		125	ND	0*	35.3	28*	200*	33-157/21
107-13-1	Acrylonitrile	ND		125	110	88	110	88	0	62-124/13
71-43-2	Benzene	ND		25	23.9	96	22.1	88	8	83-124/11
108-86-1	Bromobenzene	ND		25	26.3	105	25.2	101	4	83-115/10
74-97-5	Bromochloromethane	ND		25	22.6	90	21.5	86	5	78-112/10
75-27-4	Bromodichloromethane	ND		25	25.9	104	24.7	99	5	76-116/10
75-25-2	Bromoform	ND		25	25.8	103	25.0	100	3	68-128/11
104-51-8	n-Butylbenzene	ND		25	25.3	101	23.6	94	7	84-124/10
135-98-8	sec-Butylbenzene	ND		25	26.7	107	25.8	103	3	86-127/10
98-06-6	tert-Butylbenzene	ND		25	26.9	108	25.5	102	5	83-126/10
108-90-7	Chlorobenzene	ND		25	26.2	105	25.1	100	4	87-115/9
75-00-3	Chloroethane	ND		25	27.2	109	25.6	102	6	54-166/20
67-66-3	Chloroform	ND		25	26.5	106	25.1	100	5	85-123/10
95-49-8	o-Chlorotoluene	ND		25	26.9	108	25.8	103	4	84-121/10
106-43-4	p-Chlorotoluene	ND		25	27.1	108	26.7	107	1	84-120/10
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	63-125/24
75-15-0	Carbon disulfide	ND		25	22.7	91	21.6	86	5	67-147/12
56-23-5	Carbon tetrachloride	ND		25	28.2	113	26.3	105	7	74-139/13
75-34-3	1,1-Dichloroethane	0.33	J	25	25.3	100	24.7	97	2	82-127/10
75-35-4	1,1-Dichloroethylene	ND		25	27.2	109	26.3	105	3	75-133/13
563-58-6	1,1-Dichloropropene	ND		25	26.0	104	24.1	96	8	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	26.4	106	25.8	103	2	61-118/15
106-93-4	1,2-Dibromoethane	ND		25	23.8	95	23.4	94	2	80-115/10
107-06-2	1,2-Dichloroethane	0.74	J	25	28.2	110	26.3	102	7	76-122/11
78-87-5	1,2-Dichloropropane	ND		25	23.0	92	22.6	90	2	81-120/11
142-28-9	1,3-Dichloropropane	ND		25	24.5	98	23.3	93	5	81-113/11
594-20-7	2,2-Dichloropropane	ND		25	21.9	88	20.6	82	6	77-138/12
124-48-1	Dibromochloromethane	ND		25	24.6	98	23.7	95	4	74-116/11
75-71-8	Dichlorodifluoromethane	ND		25	35.3	141	32.1	128	9	34-158/22
156-59-2	cis-1,2-Dichloroethylene	0.28	J	25	23.2	92	22.1	87	5	81-114/10
10061-01-5	cis-1,3-Dichloropropene	ND		25	20.4	82*	20.5	82*	0	83-119/10
541-73-1	m-Dichlorobenzene	ND		25	26.8	107	25.5	102	5	86-115/9
95-50-1	o-Dichlorobenzene	ND		25	26.2	105	25.2	101	4	85-115/9
106-46-7	p-Dichlorobenzene	ND		25	26.9	108	26.0	104	3	87-113/10
156-60-5	trans-1,2-Dichloroethylene	ND		25	24.9	100	23.8	95	5	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82826-1MS	M0051522.D	1	06/09/11	NMC	n/a	n/a	VM2081
F82826-1MSD	M0051523.D	1	06/09/11	NMC	n/a	n/a	VM2081
F82826-1	M0051511.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Compound	F82826-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		25	27.9	112	26.9	108	4	87-123/10
100-41-4	Ethylbenzene	ND		25	26.6	106	25.1	100	6	87-118/10
591-78-6	2-Hexanone	ND		125	128	102	121	97	6	58-125/14
87-68-3	Hexachlorobutadiene	ND		25	23.6	94	25.2	101	7	71-133/12
98-82-8	Isopropylbenzene	ND		25	28.2	113	27.0	108	4	87-131/10
99-87-6	p-Isopropyltoluene	ND		25	26.3	105	24.6	98	7	83-125/9
108-10-1	4-Methyl-2-pentanone	ND		125	135	108	127	102	6	62-125/13
74-83-9	Methyl bromide	ND		25	29.0	116	27.1	108	7	55-151/21
74-87-3	Methyl chloride	ND		25	28.1	112	28.1	112	0	55-173/22
74-95-3	Methylene bromide	ND		25	23.6	94	23.1	92	2	81-116/10
75-09-2	Methylene chloride	ND		25	25.5	102	24.0	96	6	69-125/11
78-93-3	Methyl ethyl ketone	ND		125	116	93	112	90	4	61-127/13
1634-04-4	Methyl Tert Butyl Ether	ND		25	22.8	91	21.6	86	5	75-116/10
91-20-3	Naphthalene	ND		25	22.2	89	23.4	94	5	59-125/15
103-65-1	n-Propylbenzene	ND		25	27.1	108	26.2	105	3	86-125/10
100-42-5	Styrene	ND		25	24.8	99	23.6	94	5	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	27.5	110	25.0	100	10	81-119/10
71-55-6	1,1,1-Trichloroethane	ND		25	27.2	109	25.5	102	6	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	27.3	109	26.2	105	4	71-120/11
79-00-5	1,1,2-Trichloroethane	ND		25	25.9	104	25.6	102	1	80-114/11
87-61-6	1,2,3-Trichlorobenzene	ND		25	23.5	94	23.3	93	1	64-126/16
96-18-4	1,2,3-Trichloropropane	ND		25	27.2	109	26.3	105	3	77-115/12
120-82-1	1,2,4-Trichlorobenzene	ND		25	24.1	96	23.5	94	3	68-123/11
95-63-6	1,2,4-Trimethylbenzene	ND		25	26.4	106	25.4	102	4	82-120/10
108-67-8	1,3,5-Trimethylbenzene	ND		25	26.3	105	24.3	97	8	83-123/10
127-18-4	Tetrachloroethylene	ND		25	26.6	106	24.9	100	7	80-131/12
108-88-3	Toluene	0.40	J	25	25.7	101	24.8	98	4	86-116/10
79-01-6	Trichloroethylene	ND		25	26.1	104	24.3	97	7	85-124/10
75-69-4	Trichlorofluoromethane	ND		25	35.3	141	32.3	129	9	66-156/15
75-01-4	Vinyl chloride	1.3		25	28.7	110	28.6	109	0	57-153/22
108-05-4	Vinyl Acetate	ND		125	123	98	117	94	5	38-159/11
	m,p-Xylene	ND		50	55.3	111	52.0	104	6	86-121/10
95-47-6	o-Xylene	ND		25	24.5	98	23.6	94	4	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82826-1MS	M0051522.D	1	06/09/11	NMC	n/a	n/a	VM2081
F82826-1MSD	M0051523.D	1	06/09/11	NMC	n/a	n/a	VM2081
F82826-1	M0051511.D	1	06/08/11	NMC	n/a	n/a	VM2081

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-6

CAS No.	Surrogate Recoveries	MS	MSD	F82826-1	Limits
1868-53-7	Dibromofluoromethane	109%	107%	114%	87-116%
17060-07-0	1,2-Dichloroethane-D4	116%	117%	120%	76-127%
2037-26-5	Toluene-D8	100%	101%	102%	86-112%
460-00-4	4-Bromofluorobenzene	96%	98%	98%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82766-3MS	J066258.D	10	06/09/11	MM	n/a	n/a	VJ3613
F82766-3MSD	J066259.D	10	06/09/11	MM	n/a	n/a	VJ3613
F82766-3	J066245.D	10	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	F82766-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		1250	938	75	1030	82	9	59-134/14
107-02-8	Acrolein	ND		1250	375	30*	373	30*	1	33-157/21
107-13-1	Acrylonitrile	ND		1250	1250	100	1280	102	2	62-124/13
71-43-2	Benzene	ND		250	265	106	261	104	2	83-124/11
108-86-1	Bromobenzene	ND		250	241	96	240	96	0	83-115/10
74-97-5	Bromochloromethane	ND		250	232	93	231	92	0	78-112/10
75-27-4	Bromodichloromethane	ND		250	245	98	228	91	7	76-116/10
75-25-2	Bromoform	ND		250	185	74	178	71	4	68-128/11
104-51-8	n-Butylbenzene	ND		250	216	86	223	89	3	84-124/10
135-98-8	sec-Butylbenzene	ND		250	261	104	267	107	2	86-127/10
98-06-6	tert-Butylbenzene	ND		250	249	100	251	100	1	83-126/10
108-90-7	Chlorobenzene	ND		250	253	101	253	101	0	87-115/9
75-00-3	Chloroethane	ND		250	227	91	221	88	3	54-166/20
67-66-3	Chloroform	ND		250	258	103	256	102	1	85-123/10
95-49-8	o-Chlorotoluene	ND		250	249	100	249	100	0	84-121/10
106-43-4	p-Chlorotoluene	ND		250	253	101	254	102	0	84-120/10
110-75-8	2-Chloroethyl vinyl ether	ND		1250	ND	0*	ND	0*	nc	63-125/24
75-15-0	Carbon disulfide	ND		250	196	78	169	68	15*	67-147/12
56-23-5	Carbon tetrachloride	ND		250	269	108	249	100	8	74-139/13
75-34-3	1,1-Dichloroethane	5.6	J	250	272	107	269	105	1	82-127/10
75-35-4	1,1-Dichloroethylene	52.3		250	323	108	331	111	2	75-133/13
563-58-6	1,1-Dichloropropene	ND		250	272	109	266	106	2	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	211	84	207	83	2	61-118/15
106-93-4	1,2-Dibromoethane	ND		250	233	93	238	95	2	80-115/10
107-06-2	1,2-Dichloroethane	ND		250	233	93	233	93	0	76-122/11
78-87-5	1,2-Dichloropropane	ND		250	252	101	256	102	2	81-120/11
142-28-9	1,3-Dichloropropane	ND		250	237	95	243	97	3	81-113/11
594-20-7	2,2-Dichloropropane	ND		250	203	81	201	80	1	77-138/12
124-48-1	Dibromochloromethane	ND		250	219	88	204	82	7	74-116/11
75-71-8	Dichlorodifluoromethane	ND		250	125	50	122	49	2	34-158/22
156-59-2	cis-1,2-Dichloroethylene	116		250	361	98	367	100	2	81-114/10
10061-01-5	cis-1,3-Dichloropropene	ND		250	233	93	216	86	8	83-119/10
541-73-1	m-Dichlorobenzene	ND		250	249	100	250	100	0	86-115/9
95-50-1	o-Dichlorobenzene	ND		250	239	96	248	99	4	85-115/9
106-46-7	p-Dichlorobenzene	ND		250	243	97	244	98	0	87-113/10
156-60-5	trans-1,2-Dichloroethylene	ND		250	255	102	252	101	1	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82766-3MS	J066258.D	10	06/09/11	MM	n/a	n/a	VJ3613
F82766-3MSD	J066259.D	10	06/09/11	MM	n/a	n/a	VJ3613
F82766-3	J066245.D	10	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	F82766-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	222	89	214	86*	4	87-123/10
100-41-4	Ethylbenzene	ND		250	255	102	252	101	1	87-118/10
591-78-6	2-Hexanone	ND		1250	1130	90	1200	96	6	58-125/14
87-68-3	Hexachlorobutadiene	ND		250	223	89	242	97	8	71-133/12
98-82-8	Isopropylbenzene	ND		250	272	109	269	108	1	87-131/10
99-87-6	p-Isopropyltoluene	ND		250	234	94	239	96	2	83-125/9
108-10-1	4-Methyl-2-pentanone	ND		1250	1170	94	1260	101	7	62-125/13
74-83-9	Methyl bromide	ND		250	210	84	215	86	2	55-151/21
74-87-3	Methyl chloride	ND		250	183	73	184	74	1	55-173/22
74-95-3	Methylene bromide	ND		250	252	101	251	100	0	81-116/10
75-09-2	Methylene chloride	ND		250	248	99	249	100	0	69-125/11
78-93-3	Methyl ethyl ketone	ND		1250	1040	83	1110	89	7	61-127/13
1634-04-4	Methyl Tert Butyl Ether	ND		250	220	88	229	92	4	75-116/10
91-20-3	Naphthalene	ND		250	222	89	259	104	15	59-125/15
103-65-1	n-Propylbenzene	ND		250	259	104	260	104	0	86-125/10
100-42-5	Styrene	ND		250	225	90	227	91	1	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	252	101	243	97	4	81-119/10
71-55-6	1,1,1-Trichloroethane	4.6	J	250	270	106	267	105	1	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	236	94	242	97	3	71-120/11
79-00-5	1,1,2-Trichloroethane	ND		250	239	96	244	98	2	80-114/11
87-61-6	1,2,3-Trichlorobenzene	ND		250	209	84	232	93	10	64-126/16
96-18-4	1,2,3-Trichloropropane	ND		250	231	92	244	98	5	77-115/12
120-82-1	1,2,4-Trichlorobenzene	ND		250	208	83	233	93	11	68-123/11
95-63-6	1,2,4-Trimethylbenzene	ND		250	250	100	249	100	0	82-120/10
108-67-8	1,3,5-Trimethylbenzene	ND		250	244	98	248	99	2	83-123/10
127-18-4	Tetrachloroethylene	ND		250	242	97	246	98	2	80-131/12
108-88-3	Toluene	ND		250	255	102	260	104	2	86-116/10
79-01-6	Trichloroethylene	469		250	715	98	718	100	0	85-124/10
75-69-4	Trichlorofluoromethane	ND		250	259	104	258	103	0	66-156/15
75-01-4	Vinyl chloride	ND		250	223	89	228	91	2	57-153/22
108-05-4	Vinyl Acetate	ND		1250	1350	108	1380	110	2	38-159/11
	m,p-Xylene	ND		500	516	103	515	103	0	86-121/10
95-47-6	o-Xylene	ND		250	246	98	250	100	2	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82766-3MS	J066258.D	10	06/09/11	MM	n/a	n/a	VJ3613
F82766-3MSD	J066259.D	10	06/09/11	MM	n/a	n/a	VJ3613
F82766-3	J066245.D	10	06/08/11	MM	n/a	n/a	VJ3613

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Surrogate Recoveries	MS	MSD	F82766-3	Limits
1868-53-7	Dibromofluoromethane	100%	99%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	96%	95%	100%	76-127%
2037-26-5	Toluene-D8	97%	97%	101%	86-112%
460-00-4	4-Bromofluorobenzene	95%	95%	99%	84-120%

Southeast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MB	X018528.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	0.50	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.50	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.54	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.54	ug/l	
100-02-7	4-Nitrophenol	ND	25	5.0	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.4	ug/l	
108-95-2	Phenol	ND	5.0	0.50	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.50	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.50	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.50	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.50	ug/l	
62-53-3	Aniline	ND	5.0	0.52	ug/l	
120-12-7	Anthracene	ND	5.0	0.50	ug/l	
92-87-5	Benzidine	ND	25	4.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.50	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.50	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.50	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.50	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.50	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.50	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.50	ug/l	
86-74-8	Carbazole	ND	5.0	0.50	ug/l	
218-01-9	Chrysene	ND	5.0	0.50	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.50	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MB	X018528.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.50	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.50	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	1.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	0.52	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.50	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.99	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.1	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.50	ug/l	
86-73-7	Fluorene	ND	5.0	0.50	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.56	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	1.9	ug/l	
67-72-1	Hexachloroethane	ND	5.0	1.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	0.50	ug/l	
78-59-1	Isophorone	ND	5.0	0.50	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	0.50	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.57	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.50	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.80	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.59	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	5.0	2.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	1.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.50	ug/l	
129-00-0	Pyrene	ND	5.0	0.50	ug/l	
110-86-1	Pyridine	ND	10	1.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MB	X018528.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	39%	14-62%
4165-62-2	Phenol-d5	27%	10-40%
118-79-6	2,4,6-Tribromophenol	66%	33-118%
4165-60-0	Nitrobenzene-d5	63%	42-108%
321-60-8	2-Fluorobiphenyl	62%	40-106%
1718-51-0	Terphenyl-d14	72%	39-121%

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-BS	X018527.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	13.2	13	10-50
95-57-8	2-Chlorophenol	50	35.3	71	44-103
59-50-7	4-Chloro-3-methyl phenol	50	38.4	77	53-105
120-83-2	2,4-Dichlorophenol	50	38.9	78	53-108
105-67-9	2,4-Dimethylphenol	50	28.8	58	37-91
51-28-5	2,4-Dinitrophenol	100	72.8	73	37-111
534-52-1	4,6-Dinitro-o-cresol	100	84.2	84	62-115
95-48-7	2-Methylphenol	50	32.3	65	35-91
	3&4-Methylphenol	100	59.3	59	32-85
88-75-5	2-Nitrophenol	50	37.2	74	49-111
100-02-7	4-Nitrophenol	100	28.2	28	13-55
87-86-5	Pentachlorophenol	100	81.6	82	57-118
108-95-2	Phenol	50	15.5	31	13-54
95-95-4	2,4,5-Trichlorophenol	50	37.9	76	59-106
88-06-2	2,4,6-Trichlorophenol	50	38.6	77	58-107
83-32-9	Acenaphthene	50	39.0	78	58-106
208-96-8	Acenaphthylene	50	38.8	78	58-105
62-53-3	Aniline	50	29.4	59	43-98
120-12-7	Anthracene	50	41.6	83	65-108
56-55-3	Benzo(a)anthracene	50	40.8	82	63-111
50-32-8	Benzo(a)pyrene	50	40.8	82	62-106
205-99-2	Benzo(b)fluoranthene	50	41.3	83	63-109
191-24-2	Benzo(g,h,i)perylene	50	41.9	84	61-111
207-08-9	Benzo(k)fluoranthene	50	41.3	83	64-111
101-55-3	4-Bromophenyl phenyl ether	50	40.5	81	64-107
85-68-7	Butyl benzyl phthalate	50	39.3	79	59-114
100-51-6	Benzyl Alcohol	50	33.9	68	34-98
91-58-7	2-Chloronaphthalene	50	36.9	74	54-105
106-47-8	4-Chloroaniline	50	35.3	71	53-103
86-74-8	Carbazole	50	40.3	81	66-109
218-01-9	Chrysene	50	41.0	82	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	37.2	74	48-101
111-44-4	bis(2-Chloroethyl)ether	50	37.2	74	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	35.0	70	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	40.5	81	61-107
95-50-1	1,2-Dichlorobenzene	50	31.2	62	41-102

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-BS	X018527.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
122-66-7	1,2-Diphenylhydrazine	50	38.7	77	61-110
541-73-1	1,3-Dichlorobenzene	50	29.4	59	38-100
106-46-7	1,4-Dichlorobenzene	50	30.9	62	40-100
121-14-2	2,4-Dinitrotoluene	50	40.1	80	60-109
606-20-2	2,6-Dinitrotoluene	50	40.0	80	58-104
53-70-3	Dibenzo(a,h)anthracene	50	41.3	83	62-112
132-64-9	Dibenzofuran	50	38.8	78	61-108
84-74-2	Di-n-butyl phthalate	50	39.5	79	62-109
117-84-0	Di-n-octyl phthalate	50	40.7	81	60-120
84-66-2	Diethyl phthalate	50	40.8	82	62-109
131-11-3	Dimethyl phthalate	50	39.7	79	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	40.4	81	59-116
206-44-0	Fluoranthene	50	41.1	82	65-114
86-73-7	Fluorene	50	40.5	81	61-106
118-74-1	Hexachlorobenzene	50	41.1	82	62-107
87-68-3	Hexachlorobutadiene	50	31.1	62	38-107
77-47-4	Hexachlorocyclopentadiene	50	28.1	56	19-84
67-72-1	Hexachloroethane	50	28.9	58	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	41.0	82	61-113
78-59-1	Isophorone	50	31.3	63	56-111
90-12-0	1-Methylnaphthalene	50	36.2	72	52-102
91-57-6	2-Methylnaphthalene	50	37.5	75	56-112
88-74-4	2-Nitroaniline	50	45.0	90	60-109
99-09-2	3-Nitroaniline	50	37.9	76	52-107
100-01-6	4-Nitroaniline	50	38.5	77	59-111
91-20-3	Naphthalene	50	34.8	70	50-104
98-95-3	Nitrobenzene	50	35.7	71	52-105
62-75-9	N-Nitrosodimethylamine	50	20.2	40	20-71
621-64-7	N-Nitroso-di-n-propylamine	50	38.3	77	51-104
86-30-6	N-Nitrosodiphenylamine	50	40.3	81	57-110
85-01-8	Phenanthrene	50	42.0	84	65-108
129-00-0	Pyrene	50	42.1	84	60-113
110-86-1	Pyridine	50	17.4	35	15-67
120-82-1	1,2,4-Trichlorobenzene	50	30.5	61	45-104

Blank Spike Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-BS	X018527.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	42%	14-62%
4165-62-2	Phenol-d5	29%	10-40%
118-79-6	2,4,6-Tribromophenol	78%	33-118%
4165-60-0	Nitrobenzene-d5	71%	42-108%
321-60-8	2-Fluorobiphenyl	74%	40-106%
1718-51-0	Terphenyl-d14	83%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MS	X018531.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
OP37394-MSD	X018532.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
F82864-1	X018530.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	F82864-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	72.5	38	70.5	37	3	10-50/40
95-57-8	2-Chlorophenol	ND		96.2	67.7	70	66.7	69	1	44-103/29
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	77.2	80	72.6	76	6	53-105/24
120-83-2	2,4-Dichlorophenol	ND		96.2	76.1	79	74.3	77	2	53-108/26
105-67-9	2,4-Dimethylphenol	ND		96.2	56.9	59	54.0	56	5	37-91/28
51-28-5	2,4-Dinitrophenol	ND		192	162	84	152	79	6	37-111/30
534-52-1	4,6-Dinitro-o-cresol	ND		192	173	90	162	84	7	62-115/26
95-48-7	2-Methylphenol	ND		96.2	66.1	69	65.2	68	1	35-91/30
	3&4-Methylphenol	ND		192	128	67	126	66	2	32-85/29
88-75-5	2-Nitrophenol	ND		96.2	72.2	75	71.3	74	1	49-111/30
100-02-7	4-Nitrophenol	ND		192	92.0	48	91.3	47	1	13-55/31
87-86-5	Pentachlorophenol	ND		192	166	86	154	80	8	57-118/26
108-95-2	Phenol	ND		96.2	44.1	46	43.1	45	2	13-54/34
95-95-4	2,4,5-Trichlorophenol	ND		96.2	75.6	79	70.2	73	7	59-106/23
88-06-2	2,4,6-Trichlorophenol	ND		96.2	76.1	79	71.9	75	6	58-107/24
83-32-9	Acenaphthene	ND		96.2	78.9	82	75.7	79	4	58-106/21
208-96-8	Acenaphthylene	ND		96.2	77.5	81	73.8	77	5	58-105/21
62-53-3	Aniline	ND		96.2	60.1	63	60.2	63	0	43-98/28
120-12-7	Anthracene	ND		96.2	82.6	86	76.9	80	7	65-108/19
56-55-3	Benzo(a)anthracene	ND		96.2	83.6	87	79.2	82	5	63-111/19
50-32-8	Benzo(a)pyrene	ND		96.2	82.3	86	78.6	82	5	62-106/20
205-99-2	Benzo(b)fluoranthene	ND		96.2	84.2	88	80.9	84	4	63-109/20
191-24-2	Benzo(g,h,i)perylene	ND		96.2	85.6	89	81.2	84	5	61-111/21
207-08-9	Benzo(k)fluoranthene	ND		96.2	83.4	87	78.3	81	6	64-111/20
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	80.9	84	78.9	82	3	64-107/20
85-68-7	Butyl benzyl phthalate	ND		96.2	80.1	83	77.3	80	4	59-114/20
100-51-6	Benzyl Alcohol	ND		96.2	74.7	78	72.3	75	3	34-98/27
91-58-7	2-Chloronaphthalene	ND		96.2	73.3	76	70.7	74	4	54-105/24
106-47-8	4-Chloroaniline	ND		96.2	69.1	72	63.5	66	8	53-103/22
86-74-8	Carbazole	ND		96.2	80.6	84	74.9	78	7	66-109/20
218-01-9	Chrysene	ND		96.2	85.7	89	79.1	82	8	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	72.4	75	71.6	74	1	48-101/28
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	71.4	74	70.4	73	1	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	66.5	69	66.1	69	1	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	82.4	86	78.6	82	5	61-107/20
95-50-1	1,2-Dichlorobenzene	ND		96.2	59.8	62	61.0	63	2	41-102/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MS	X018531.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
OP37394-MSD	X018532.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
F82864-1	X018530.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Compound	F82864-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
122-66-7	1,2-Diphenylhydrazine	ND		96.2	76.3	79	73.9	77	3	61-110/20
541-73-1	1,3-Dichlorobenzene	ND		96.2	57.3	60	58.5	61	2	38-100/28
106-46-7	1,4-Dichlorobenzene	ND		96.2	57.6	60	58.7	61	2	40-100/28
121-14-2	2,4-Dinitrotoluene	ND		96.2	83.0	86	75.8	79	9	60-109/20
606-20-2	2,6-Dinitrotoluene	ND		96.2	81.9	85	77.3	80	6	58-104/21
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	88.2	92	76.2	79	15	62-112/20
132-64-9	Dibenzofuran	ND		96.2	77.6	81	73.1	76	6	61-108/20
84-74-2	Di-n-butyl phthalate	ND		96.2	80.0	83	76.0	79	5	62-109/20
117-84-0	Di-n-octyl phthalate	ND		96.2	78.7	82	78.5	82	0	60-120/24
84-66-2	Diethyl phthalate	ND		96.2	82.9	86	76.8	80	8	62-109/19
131-11-3	Dimethyl phthalate	ND		96.2	80.8	84	76.0	79	6	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	81.7	85	78.0	81	5	59-116/21
206-44-0	Fluoranthene	ND		96.2	84.4	88	77.3	80	9	65-114/21
86-73-7	Fluorene	ND		96.2	81.4	85	76.5	80	6	61-106/19
118-74-1	Hexachlorobenzene	ND		96.2	79.8	83	77.9	81	2	62-107/20
87-68-3	Hexachlorobutadiene	ND		96.2	64.6	67	65.4	68	1	38-107/30
77-47-4	Hexachlorocyclopentadiene	ND		96.2	59.3	62	60.7	63	2	19-84/35
67-72-1	Hexachloroethane	ND		96.2	55.4	58	57.4	60	4	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	85.4	89	80.7	84	6	61-113/20
78-59-1	Isophorone	ND		96.2	62.2	65	61.0	63	2	56-111/26
90-12-0	1-Methylnaphthalene	ND		96.2	73.0	76	71.4	74	2	52-102/25
91-57-6	2-Methylnaphthalene	ND		96.2	74.1	77	72.1	75	3	56-112/26
88-74-4	2-Nitroaniline	ND		96.2	91.2	95	85.3	89	7	60-109/20
99-09-2	3-Nitroaniline	ND		96.2	76.7	80	70.4	73	9	52-107/21
100-01-6	4-Nitroaniline	ND		96.2	78.1	81	74.0	77	5	59-111/21
91-20-3	Naphthalene	ND		96.2	69.7	72	68.3	71	2	50-104/28
98-95-3	Nitrobenzene	ND		96.2	70.2	73	69.6	72	1	52-105/28
62-75-9	N-Nitrosodimethylamine	ND		96.2	54.5	57	54.6	57	0	20-71/32
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	74.4	77	74.2	77	0	51-104/28
86-30-6	N-Nitrosodiphenylamine	ND		96.2	79.1	82	74.6	78	6	57-110/19
85-01-8	Phenanthrene	ND		96.2	82.5	86	79.2	82	4	65-108/20
129-00-0	Pyrene	ND		96.2	83.2	87	81.9	85	2	60-113/20
110-86-1	Pyridine	ND		96.2	49.9	52	50.7	53	2	15-67/40
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	61.1	64	60.0	62	2	45-104/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MS	X018531.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
OP37394-MSD	X018532.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
F82864-1	X018530.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82880-6, F82880-7, F82880-8, F82880-9, F82880-10, F82880-11

CAS No.	Surrogate Recoveries	MS	MSD	F82864-1	Limits
367-12-4	2-Fluorophenol	55%	55%	39%	14-62%
4165-62-2	Phenol-d5	44%*	45%*	27%	10-40%
118-79-6	2,4,6-Tribromophenol	81%	77%	76%	33-118%
4165-60-0	Nitrobenzene-d5	73%	72%	69%	42-108%
321-60-8	2-Fluorobiphenyl	75%	73%	67%	40-106%
1718-51-0	Terphenyl-d14	83%	82%	75%	39-121%

Southeast ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20679 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/01/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.083	.0059	.0083	-0.013	<0.083

Associated samples MP20679: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20679 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/01/11 06/01/11

Metal	F82754-1 Original	DUP	RPD	QC Limits	F82754-1 Original	MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.040	0.042	4.9	0-20	0.040	0.29	0.24	104.0	80-120

Associated samples MP20679: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20679 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/01/11

Metal	F82754-1 Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.040	0.31	0.256	105.3	6.7	20

Associated samples MP20679: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20679 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/01/11

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.23	0.25	92.0	80-120

Associated samples MP20679: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20679 Methods: SW846 7471B
Matrix Type: SOLID Units: ug/l

Prep Date: 06/01/11

Metal	F82754-1 Original	SDL 1:5	%DIF	QC Limits
Mercury	0.473	0.413	12.7 (a)	0-10

Associated samples MP20679: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20684
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 06/01/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	1.2	1.2		
Antimony	1.0	.05	.1		
Arsenic	0.50	.05	.1	-0.065	<0.50
Barium	10	.2	.5	-0.010	<10
Beryllium	0.25	.005	.05		
Cadmium	0.20	.005	.05	-0.015	<0.20
Calcium	250	2.5	5		
Chromium	1.0	.05	.05	0.38	<1.0
Cobalt	2.5	.05	.05		
Copper	1.3	.05	.1		
Iron	15	1.2	1.7		
Lead	1.0	.05	.05	0.0050	<1.0
Magnesium	250	2.5	5		
Manganese	0.75	.05	.05		
Molybdenum	2.5	.05	.05		
Nickel	2.0	.05	.05		
Potassium	500	2.5	25		
Selenium	1.0	.1	.2	0.17	<1.0
Silver	0.50	.05	.05	-0.025	<0.50
Sodium	500	43	55		
Strontium	0.50	.05	.05		
Thallium	0.50	.075	.13		
Tin	2.5	.05	.05		
Titanium	0.50	.05	.1		
Vanadium	2.5	.05	.05		
Zinc	1.0	.05	.25		

Associated samples MP20684: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20684 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date:			06/01/11					06/01/11	
Metal	F82627-5 Original	DUP	RPD	QC Limits	F82627-5 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.57	0.64	11.6	0-20	0.57	98.5	97.9	100.0	80-120
Barium	10.7	14.3	28.8 (a)	0-20	10.7	127	97.9	118.8	80-120
Beryllium									
Cadmium	0.051	0.083	47.8 (a)	0-20	0.051	2.6	2.45	104.1	80-120
Calcium									
Chromium	3.6	4.1	13.0	0-20	3.6	15.5	9.79	121.5N(b	80-120
Cobalt									
Copper	anr								
Iron									
Lead	2.5	3.3	27.6 (a)	0-20	2.5	28.7	24.5	107.0	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	0.42	0.40	4.9	0-20	0.42	96.7	97.9	98.3	80-120
Silver	0.48	0.64	28.6 (a)	0-20	0.48	3.7	2.45	131.5N(b	80-120
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP20684: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20684
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 06/01/11

Metal	F82627-5 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.57	105	106	99.0	6.4	20
Barium	10.7	127	106	110.2	0.0	20
Beryllium						
Cadmium	0.051	2.7	2.64	100.4	3.8	20
Calcium						
Chromium	3.6	15.4	10.6	111.8	0.6	20
Cobalt						
Copper	anr					
Iron						
Lead	2.5	29.5	26.4	102.3	2.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	0.42	103	106	97.2	6.3	20
Silver	0.48	3.2	2.64	103.1	14.5	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP20684: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20684
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 06/01/11

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	103	100	103.0	80-120
Barium	112	100	112.0	80-120
Beryllium				
Cadmium	2.6	2.5	104.0	80-120
Calcium				
Chromium	11.4	10	114.0	80-120
Cobalt				
Copper	anr			
Iron				
Lead	25.5	25	102.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	101	100	101.0	80-120
Silver	2.6	2.5	104.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP20684: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20684
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/01/11

Metal	F82627-5 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	11.1	11.7	5.4	0-10
Barium	209	210	0.3	0-10
Beryllium				
Cadmium	1.00	0.00	100.0(a)	0-10
Calcium				
Chromium	69.3	68.6	1.0	0-10
Cobalt				
Copper	anr			
Iron				
Lead	48.9	49.3	0.8	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	8.20	16.6	102.4(a)	0-10
Silver	9.40	8.50	9.6	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP20684: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: F82880
Account: BLESCG - Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

QC Batch ID: MP20684
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/01/11

Metal	Sample ml	Final ml	F82627-5 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	11.1	10.878	110.8	0.2	5	100	99.9	80-120
Barium	9.8	10	209.1	204.918	475.5	0.2	12.5	250	108.2	80-120
Beryllium										
Cadmium	9.8	10	1	0.98	52.6	0.2	2.5	50	103.2	80-120
Calcium										
Chromium	9.8	10	69.3	67.914	119	0.2	2.5	50	102.2	80-120
Cobalt										
Copper										
Iron										
Lead	9.8	10	48.9	47.922	99.3	0.2	2.5	50	102.8	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium	9.8	10	8.2	8.036	106.3	0.2	5	100	98.3	80-120
Silver	9.8	10	9.4	9.212	61.9	0.2	2.5	50	105.4	80-120
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP20684: F82880-1, F82880-2, F82880-3, F82880-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

(Accutest Labs of New England, Inc.)

Includes the following where applicable:

- Chain of Custody

Accutest Laboratories Southeast
Subcontract Chain of Custody

ACCUTEST Laboratories

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL 407-425-6700 FAX 407-425-0707
www.accutest.com

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F82880

Client / Reporting Information

Company Name: Accutest Laboratories
Address: 4405 Vineland Rd.
City: Orlando State: FL Zip: 32811
Phone #: (407) 425-6700 Fax#: (407) 425-0707

Project Information

Project Name: F82880
Please send report to dawnd@accutest.com
For any other issues contact munam@accutest.com

Analytical Information

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Lab ID #	Sample ID	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	BMAEPHR	LAB USE ONLY
	F82880-5	05/25/11	16:10		GW	1			X							X	

Turnaround Time (Business days)

Std. 10 Business Days
7 Day *RUSH*
5 Day *RUSH*
3 Day *EMERGENCY*
2 Day *EMERGENCY*
1 Day *EMERGENCY*
Other

Approved By: / Date/Rush Code:
Due: 06/06/11

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Ship to Laboratory - ANE
Approved by - Muna M.
16CC

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	05.31.11	2	3	6/1/11 10:00	4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved Where Applicable: Y N Total # of Coolers: ___ Cooler Temperature (s) Celsius: 1.7°

7.1

7

F82880: Chain of Custody
Page 1 of 1
Accutest Labs of New England, Inc.

Southeast ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

(Accutest Labs of New England, Inc.)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82880
Account: ALSE Accutest Laboratories Southeast, Inc.
Project: BLESCG: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25110-MB	BG27982.D	1	06/07/11	KD	06/02/11	OP25110	GBG956

The QC reported here applies to the following samples: **Method:** MADEP EPH REV 1.1

F82880-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	100	100	ug/l	
	C9-C18 Aliphatics	ND	100	100	ug/l	
	C19-C36 Aliphatics	ND	100	100	ug/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	89%	40-140%
321-60-8	2-Fluorobiphenyl	96%	40-140%
3386-33-2	1-Chlorooctadecane	56%	40-140%
580-13-2	2-Bromonaphthalene	76%	40-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: F82880
Account: ALSE Accutest Laboratories Southeast, Inc.
Project: BLESCG: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25110-BS	BG27983.D	1	06/07/11	KD	06/02/11	OP25110	GBG956
OP25110-BSD	BG27984.D	1	06/08/11	KD	06/02/11	OP25110	GBG956

The QC reported here applies to the following samples: **Method:** MADEP EPH REV 1.1

F82880-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	800	826	103	887	111	7	40-140/25
	C9-C18 Aliphatics	300	196	65	204	68	4	40-140/25
	C19-C36 Aliphatics	400	324	81	340	85	5	40-140/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	89%	94%	40-140%
321-60-8	2-Fluorobiphenyl	90%	98%	40-140%
3386-33-2	1-Chlorooctadecane	50%	53%	40-140%
580-13-2	2-Bromonaphthalene	75%	81%	40-140%

Sample	Compound	Col #1	Col #2	Breakthrough	Limit
OP25110-BS	2-Methylnaphthalene	34.7	0.87	2.4%	5.0
OP25110-BS	Naphthalene	33.7	0.092	0.3%	5.0
OP25110-BSD	2-Methylnaphthalene	38.3	0.92	2.3%	5.0
OP25110-BSD	Naphthalene	37.0	0.12	0.3%	5.0

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82880
Account: ALSE Accutest Laboratories Southeast, Inc.
Project: BLESCG: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25110-MS	BG27985.D	1	06/08/11	KD	06/02/11	OP25110	GBG956
OP25110-MSD	BG27986.D	1	06/08/11	KD	06/02/11	OP25110	GBG956
MC700-7	BG27987.D	1	06/08/11	KD	06/02/11	OP25110	GBG956

The QC reported here applies to the following samples: **Method:** MADEP EPH REV 1.1

F82880-5

CAS No.	Compound	MC700-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	ND		1000	1040	104	854	101	20	40-140/25
	C9-C18 Aliphatics	ND		375	255	68	221	70	14	40-140/25
	C19-C36 Aliphatics	ND		500	506	101	400	95	23	40-140/25

CAS No.	Surrogate Recoveries	MS	MSD	MC700-7	Limits
84-15-1	o-Terphenyl	92%	88%	93%	40-140%
321-60-8	2-Fluorobiphenyl	83%	92%	97%	40-140%
3386-33-2	1-Chlorooctadecane	50%	42%	49%	40-140%
580-13-2	2-Bromonaphthalene	71%	75%	83%	40-140%

Southeast ACCUTEST LABORATORIES

06/10/11

Technical Report for

Bunnell-Lammons Engineering, Inc

Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

7390-03

Accutest Job Number: F82879

Sampling Date: 05/27/11

Report to:

Bunnell-Lammons Engineering, Inc
6004 Ponders Court
Greenville, SC 29615
tslack@blecorp.com; tom@blecorp.com

ATTN: Trever Slack

Total number of pages in report: **57**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

Bunnell-Lammons Engineering, Inc

Job No: F82879

Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC
Project No: 7390-03

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F82879-1	05/27/11	13:05	BS	05/29/11	AQ	Ground Water	BR-1
F82879-2	05/27/11	13:25	BS	05/29/11	AQ	Ground Water	BR-2
F82879-3	05/27/11	13:45	BS	05/29/11	AQ	Ground Water	BR-3
F82879-4	05/27/11	14:05	BS	05/29/11	AQ	Ground Water	BR-4
F82879-5	05/27/11	14:25	BS	05/29/11	AQ	Ground Water	BR-5

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-1		
Lab Sample ID:	F82879-1	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B076190.D	1	06/09/11	AJ	n/a	n/a	VB3133
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein [a]	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-1		
Lab Sample ID:	F82879-1	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-1		
Lab Sample ID:	F82879-1	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	101%		84-120%

(a) ICV outside of control limits.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-1		
Lab Sample ID:	F82879-1	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018533.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	1.2	4.8	0.48	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-1		
Lab Sample ID:	F82879-1	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-1		
Lab Sample ID:	F82879-1	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-62%
4165-62-2	Phenol-d5	30%		10-40%
118-79-6	2,4,6-Tribromophenol	82%		33-118%
4165-60-0	Nitrobenzene-d5	75%		42-108%
321-60-8	2-Fluorobiphenyl	74%		40-106%
1718-51-0	Terphenyl-d14	81%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-2		
Lab Sample ID:	F82879-2	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B076191.D	1	06/09/11	AJ	n/a	n/a	VB3133
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein [a]	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-2		
Lab Sample ID:	F82879-2	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-2		
Lab Sample ID:	F82879-2	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		87-116%
17060-07-0	1,2-Dichloroethane-D4	105%		76-127%
2037-26-5	Toluene-D8	105%		86-112%
460-00-4	4-Bromofluorobenzene	101%		84-120%

(a) ICV outside of control limits.

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-2		
Lab Sample ID:	F82879-2	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018534.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	2.2	4.8	0.48	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-2		
Lab Sample ID:	F82879-2	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

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E = Indicates value exceeds calibration range

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-2		
Lab Sample ID:	F82879-2	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-62%
4165-62-2	Phenol-d5	31%		10-40%
118-79-6	2,4,6-Tribromophenol	85%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	76%		40-106%
1718-51-0	Terphenyl-d14	83%		39-121%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-3		
Lab Sample ID:	F82879-3	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B076192.D	1	06/09/11	AJ	n/a	n/a	VB3133
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein [a]	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-3		
Lab Sample ID:	F82879-3	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-3		
Lab Sample ID:	F82879-3	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		87-116%
17060-07-0	1,2-Dichloroethane-D4	105%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

(a) ICV outside of control limits.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-3		
Lab Sample ID:	F82879-3	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018535.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	1.1	4.8	1.0	ug/l	J
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	3.1	4.8	0.48	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-3		
Lab Sample ID:	F82879-3	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.1	4.8	1.0	ug/l	J
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-3		
Lab Sample ID:	F82879-3	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-62%
4165-62-2	Phenol-d5	28%		10-40%
118-79-6	2,4,6-Tribromophenol	80%		33-118%
4165-60-0	Nitrobenzene-d5	67%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-4		
Lab Sample ID:	F82879-4	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B076193.D	1	06/09/11	AJ	n/a	n/a	VB3133
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein [a]	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-4		
Lab Sample ID:	F82879-4	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-4		
Lab Sample ID:	F82879-4	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		87-116%
17060-07-0	1,2-Dichloroethane-D4	105%		76-127%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	102%		84-120%

(a) ICV outside of control limits.

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-4		
Lab Sample ID:	F82879-4	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018536.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	0.71	4.8	0.48	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-4		
Lab Sample ID:	F82879-4	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.2	4.8	1.0	ug/l	J
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-4		
Lab Sample ID:	F82879-4	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		14-62%
4165-62-2	Phenol-d5	31%		10-40%
118-79-6	2,4,6-Tribromophenol	83%		33-118%
4165-60-0	Nitrobenzene-d5	75%		42-108%
321-60-8	2-Fluorobiphenyl	72%		40-106%
1718-51-0	Terphenyl-d14	80%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-5		
Lab Sample ID:	F82879-5	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B076194.D	1	06/09/11	AJ	n/a	n/a	VB3133
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein [a]	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	0.25	1.0	0.22	ug/l	J
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether [a]	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-5		
Lab Sample ID:	F82879-5	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-5		
Lab Sample ID:	F82879-5	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		87-116%
17060-07-0	1,2-Dichloroethane-D4	105%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

(a) ICV outside of control limits.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-5		
Lab Sample ID:	F82879-5	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X018537.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	0.48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	0.48	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	0.48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.9	ug/l	
95-48-7	2-Methylphenol	ND	4.8	0.51	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	24	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	24	5.1	ug/l	
108-95-2	Phenol	0.61	4.8	0.48	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	4.8	0.48	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	0.48	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.48	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.48	ug/l	
62-53-3	Aniline	ND	4.8	0.50	ug/l	
120-12-7	Anthracene	ND	4.8	0.48	ug/l	
92-87-5	Benzidine	ND	24	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.48	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.48	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.48	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	4.8	0.48	ug/l	
86-74-8	Carbazole	ND	4.8	0.48	ug/l	
218-01-9	Chrysene	ND	4.8	0.48	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-5		
Lab Sample ID:	F82879-5	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.51	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	4.8	0.48	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	0.95	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.83	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	1.0	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.94	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	1.0	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.48	ug/l	
86-73-7	Fluorene	ND	4.8	0.48	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.95	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	0.48	ug/l	
78-59-1	Isophorone	ND	4.8	0.48	ug/l	
90-12-0	1-Methylnaphthalene	ND	4.8	0.48	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.54	ug/l	
88-74-4	2-Nitroaniline	ND	4.8	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	4.8	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	4.8	0.48	ug/l	
91-20-3	Naphthalene	ND	4.8	0.76	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.56	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	4.8	2.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.95	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.48	ug/l	
129-00-0	Pyrene	ND	4.8	0.48	ug/l	
110-86-1	Pyridine	ND	9.5	1.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BR-5		
Lab Sample ID:	F82879-5	**Date Sampled:**	05/27/11
Matrix:	AQ - Ground Water	**Date Received:**	05/29/11
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		14-62%
4165-62-2	Phenol-d5	27%		10-40%
118-79-6	2,4,6-Tribromophenol	69%		33-118%
4165-60-0	Nitrobenzene-d5	58%		42-108%
321-60-8	2-Fluorobiphenyl	58%		40-106%
1718-51-0	Terphenyl-d14	64%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Pace Analytical
www.pacelabs.com

ACCUTEST

CHAIN-OF-CUSTODY / Analytical Request Document

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

F82879

Section A Required Client Information:
Company: BLE
Address: 6004 Pawdens CT
Greenville SC, 29615
Email To: Tslack@BLEcorp.com
Phone: 864 288-1265 Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Trevor Slack
Copy To:
Purchase Order No.:
Project Name: Volvo
Project Number:

Section C Invoice Information:
Attention: Trevor Slack
Company Name: SAME
Address: SAME
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

Page: of
1452368

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

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)	8260B Full	8270C Full	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	BR-1	GW	G			5/27/11	1305			✓			✓									
2	BR-2	↓	↓			↓	1325			↓			↓									
3	BR-3	↓	↓			↓	1345			↓			↓									
4	BR-4	↓	↓			↓	1405			↓			↓									
5	BR-5	↓	↓			↓	1425			↓			↓									
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Barclay Suddeth BLE	5/27/11	1500	FX			
	FX	5/28/11	930	CUR/Accutest	5/28/11	930	

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: BARCLAY D. SUDDETH
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5/27/11

Temp in °C: 2.6 | 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 on invoices not paid within 30 days.

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

3.1 3

F82879: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F82879 CLIENT: BLE PROJECT: 1452368

DATE/TIME RECEIVED: 5/28/11 930 {MM/DD/YY 24:00} NIMBER OF COOLERS RECEIVED: 1

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8715 9217 3020

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE PRESENT

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM / 5-GRAM /

NUMBER OF 5035 FIELD KITS ? /

NUMBER OF LAB FILTERED METALS ? /

TEMPERATURE INFORMATION

- [ ] IR THERM ID IR1 CORR. FACTOR 1.4
- [ ] OBSERVED TEMPS: 2.8
- [ ] CORRECTED TEMPS: 2.6

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [x] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [x] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

{APPICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS: Sample 3 received 1 vial Broken. Sample 5 received 2 vials Broken, Each sample only received 1 amber (N/P) No Analysis requested on coc.

TECHNICIAN SIGNATURE/DATE [signature] 5/28/11 REVIEWER SIGNATURE/DATE ET · 05.28.11

NF 12/10 receipt confirmation 122910.xls

F82879: Chain of Custody
Page 2 of 2

Southeast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB3133-MB	B076173.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	3.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.22	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.20	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.26	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.27	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.2	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.23	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.44	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.26	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.35	ug/l	

Method Blank Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB3133-MB	B076173.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
591-78-6	2-Hexanone	ND	10	4.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.80	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.30	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.27	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.21	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.25	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

Method Blank Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB3133-MB	B076173.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	87-116%
17060-07-0	1,2-Dichloroethane-D4	103%	76-127%
2037-26-5	Toluene-D8	103%	86-112%
460-00-4	4-Bromofluorobenzene	103%	84-120%

Blank Spike Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB3133-BS	B076172.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	100	80	59-134
107-02-8	Acrolein	125	58.3	47	33-157
107-13-1	Acrylonitrile	125	131	105	62-124
71-43-2	Benzene	25	27.6	110	83-124
108-86-1	Bromobenzene	25	24.8	99	83-115
74-97-5	Bromochloromethane	25	23.2	93	78-112
75-27-4	Bromodichloromethane	25	26.4	106	76-116
75-25-2	Bromoform	25	24.1	96	68-128
104-51-8	n-Butylbenzene	25	28.9	116	84-124
135-98-8	sec-Butylbenzene	25	28.5	114	86-127
98-06-6	tert-Butylbenzene	25	27.0	108	83-126
108-90-7	Chlorobenzene	25	26.9	108	87-115
75-00-3	Chloroethane	25	30.0	120	54-166
67-66-3	Chloroform	25	27.2	109	85-123
95-49-8	o-Chlorotoluene	25	27.7	111	84-121
106-43-4	p-Chlorotoluene	25	27.7	111	84-120
110-75-8	2-Chloroethyl vinyl ether	125	59.7	48*	63-125
75-15-0	Carbon disulfide	25	25.2	101	67-147
56-23-5	Carbon tetrachloride	25	27.4	110	74-139
75-34-3	1,1-Dichloroethane	25	28.1	112	82-127
75-35-4	1,1-Dichloroethylene	25	29.1	116	75-133
563-58-6	1,1-Dichloropropene	25	29.2	117	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	23.5	94	61-118
106-93-4	1,2-Dibromoethane	25	25.0	100	80-115
107-06-2	1,2-Dichloroethane	25	26.7	107	76-122
78-87-5	1,2-Dichloropropane	25	26.9	108	81-120
142-28-9	1,3-Dichloropropane	25	26.0	104	81-113
594-20-7	2,2-Dichloropropane	25	28.3	113	77-138
124-48-1	Dibromochloromethane	25	25.9	104	74-116
75-71-8	Dichlorodifluoromethane	25	45.5	182*	34-158
156-59-2	cis-1,2-Dichloroethylene	25	26.2	105	81-114
10061-01-5	cis-1,3-Dichloropropene	25	26.3	105	83-119
541-73-1	m-Dichlorobenzene	25	26.1	104	86-115
95-50-1	o-Dichlorobenzene	25	26.1	104	85-115
106-46-7	p-Dichlorobenzene	25	25.9	104	87-113
156-60-5	trans-1,2-Dichloroethylene	25	27.7	111	82-126

Blank Spike Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB3133-BS	B076172.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	27.5	110	87-123
100-41-4	Ethylbenzene	25	27.6	110	87-118
591-78-6	2-Hexanone	125	128	102	58-125
87-68-3	Hexachlorobutadiene	25	26.8	107	71-133
98-82-8	Isopropylbenzene	25	31.1	124	87-131
99-87-6	p-Isopropyltoluene	25	28.5	114	83-125
108-10-1	4-Methyl-2-pentanone	125	131	105	62-125
74-83-9	Methyl bromide	25	30.0	120	55-151
74-87-3	Methyl chloride	25	32.4	130	55-173
74-95-3	Methylene bromide	25	25.8	103	81-116
75-09-2	Methylene chloride	25	29.4	118	69-125
78-93-3	Methyl ethyl ketone	125	116	93	61-127
1634-04-4	Methyl Tert Butyl Ether	25	24.0	96	75-116
91-20-3	Naphthalene	25	25.3	101	59-125
103-65-1	n-Propylbenzene	25	28.3	113	86-125
100-42-5	Styrene	25	28.2	113	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	26.0	104	81-119
71-55-6	1,1,1-Trichloroethane	25	27.2	109	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	24.7	99	71-120
79-00-5	1,1,2-Trichloroethane	25	25.9	104	80-114
87-61-6	1,2,3-Trichlorobenzene	25	25.6	102	64-126
96-18-4	1,2,3-Trichloropropane	25	24.3	97	77-115
120-82-1	1,2,4-Trichlorobenzene	25	25.3	101	68-123
95-63-6	1,2,4-Trimethylbenzene	25	26.6	106	82-120
108-67-8	1,3,5-Trimethylbenzene	25	27.0	108	83-123
127-18-4	Tetrachloroethylene	25	26.9	108	80-131
108-88-3	Toluene	25	27.5	110	86-116
79-01-6	Trichloroethylene	25	26.9	108	85-124
75-69-4	Trichlorofluoromethane	25	35.3	141	66-156
75-01-4	Vinyl chloride	25	33.4	134	57-153
108-05-4	Vinyl Acetate	125	147	118	38-159
	m,p-Xylene	50	56.5	113	86-121
95-47-6	o-Xylene	25	27.6	110	83-121

Blank Spike Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB3133-BS	B076172.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	87-116%
17060-07-0	1,2-Dichloroethane-D4	102%	76-127%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	100%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82826-2MS	B076185.D	1	06/09/11	AJ	n/a	n/a	VB3133
F82826-2MSD	B076186.D	1	06/09/11	AJ	n/a	n/a	VB3133
F82826-2	B076179.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	F82826-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10.7	J	125	108	78	108	78	0	59-134/14
107-02-8	Acrolein	ND		125	72.2	58	72.3	58	0	33-157/21
107-13-1	Acrylonitrile	ND		125	138	110	131	105	5	62-124/13
71-43-2	Benzene	ND		25	26.9	108	25.7	103	5	83-124/11
108-86-1	Bromobenzene	ND		25	23.6	94	22.3	89	6	83-115/10
74-97-5	Bromochloromethane	ND		25	22.6	90	21.6	86	5	78-112/10
75-27-4	Bromodichloromethane	ND		25	25.2	101	24.2	97	4	76-116/10
75-25-2	Bromoform	ND		25	23.9	96	23.3	93	3	68-128/11
104-51-8	n-Butylbenzene	ND		25	26.3	105	24.7	99	6	84-124/10
135-98-8	sec-Butylbenzene	ND		25	25.8	103	24.0	96	7	86-127/10
98-06-6	tert-Butylbenzene	ND		25	24.3	97	22.9	92	6	83-126/10
108-90-7	Chlorobenzene	ND		25	25.7	103	24.5	98	5	87-115/9
75-00-3	Chloroethane	ND		25	29.4	118	25.7	103	13	54-166/20
67-66-3	Chloroform	ND		25	26.3	105	24.5	98	7	85-123/10
95-49-8	o-Chlorotoluene	ND		25	25.6	102	24.1	96	6	84-121/10
106-43-4	p-Chlorotoluene	ND		25	25.2	101	24.2	97	4	84-120/10
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	63-125/24
75-15-0	Carbon disulfide	ND		25	24.3	97	23.0	92	5	67-147/12
56-23-5	Carbon tetrachloride	ND		25	25.5	102	24.0	96	6	74-139/13
75-34-3	1,1-Dichloroethane	ND		25	28.0	112	25.7	103	9	82-127/10
75-35-4	1,1-Dichloroethylene	ND		25	27.2	109	26.4	106	3	75-133/13
563-58-6	1,1-Dichloropropene	ND		25	27.5	110	25.8	103	6	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	24.4	98	24.5	98	0	61-118/15
106-93-4	1,2-Dibromoethane	ND		25	23.9	96	23.3	93	3	80-115/10
107-06-2	1,2-Dichloroethane	ND		25	25.4	102	24.5	98	4	76-122/11
78-87-5	1,2-Dichloropropane	ND		25	26.5	106	24.8	99	7	81-120/11
142-28-9	1,3-Dichloropropane	ND		25	25.7	103	24.7	99	4	81-113/11
594-20-7	2,2-Dichloropropane	ND		25	25.5	102	23.9	96	6	77-138/12
124-48-1	Dibromochloromethane	ND		25	24.4	98	24.1	96	1	74-116/11
75-71-8	Dichlorodifluoromethane	ND		25	44.0	176*	44.6	178*	1	34-158/22
156-59-2	cis-1,2-Dichloroethylene	1.1		25	27.0	104	25.0	96	8	81-114/10
10061-01-5	cis-1,3-Dichloropropene	ND		25	23.9	96	23.2	93	3	83-119/10
541-73-1	m-Dichlorobenzene	ND		25	24.7	99	23.5	94	5	86-115/9
95-50-1	o-Dichlorobenzene	ND		25	24.9	100	23.2	93	7	85-115/9
106-46-7	p-Dichlorobenzene	ND		25	24.3	97	23.1	92	5	87-113/10
156-60-5	trans-1,2-Dichloroethylene	ND		25	26.9	108	25.3	101	6	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82826-2MS	B076185.D	1	06/09/11	AJ	n/a	n/a	VB3133
F82826-2MSD	B076186.D	1	06/09/11	AJ	n/a	n/a	VB3133
F82826-2	B076179.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	F82826-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.2	101	24.9	100	1	87-123/10
100-41-4	Ethylbenzene	ND		25	26.4	106	24.9	100	6	87-118/10
591-78-6	2-Hexanone	ND		125	137	110	133	106	3	58-125/14
87-68-3	Hexachlorobutadiene	ND		25	22.6	90	21.1	84	7	71-133/12
98-82-8	Isopropylbenzene	ND		25	28.2	113	26.8	107	5	87-131/10
99-87-6	p-Isopropyltoluene	ND		25	25.7	103	24.4	98	5	83-125/9
108-10-1	4-Methyl-2-pentanone	ND		125	142	114	135	108	5	62-125/13
74-83-9	Methyl bromide	ND		25	27.4	110	26.2	105	4	55-151/21
74-87-3	Methyl chloride	ND		25	33.7	135	30.4	122	10	55-173/22
74-95-3	Methylene bromide	ND		25	25.3	101	24.6	98	3	81-116/10
75-09-2	Methylene chloride	ND		25	29.1	116	28.1	112	3	69-125/11
78-93-3	Methyl ethyl ketone	ND		125	126	101	120	96	5	61-127/13
1634-04-4	Methyl Tert Butyl Ether	ND		25	23.0	92	22.6	90	2	75-116/10
91-20-3	Naphthalene	ND		25	24.5	98	24.4	98	0	59-125/15
103-65-1	n-Propylbenzene	ND		25	26.2	105	24.7	99	6	86-125/10
100-42-5	Styrene	ND		25	27.4	110	26.1	104	5	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	25.2	101	24.1	96	4	81-119/10
71-55-6	1,1,1-Trichloroethane	ND		25	25.4	102	24.5	98	4	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	24.1	96	23.7	95	2	71-120/11
79-00-5	1,1,2-Trichloroethane	ND		25	25.2	101	24.8	99	2	80-114/11
87-61-6	1,2,3-Trichlorobenzene	ND		25	22.7	91	22.8	91	0	64-126/16
96-18-4	1,2,3-Trichloropropane	ND		25	24.0	96	23.4	94	3	77-115/12
120-82-1	1,2,4-Trichlorobenzene	ND		25	22.3	89	22.0	88	1	68-123/11
95-63-6	1,2,4-Trimethylbenzene	ND		25	24.6	98	23.1	92	6	82-120/10
108-67-8	1,3,5-Trimethylbenzene	ND		25	24.7	99	23.4	94	5	83-123/10
127-18-4	Tetrachloroethylene	ND		25	25.8	103	24.3	97	6	80-131/12
108-88-3	Toluene	1.6		25	27.8	105	26.3	99	6	86-116/10
79-01-6	Trichloroethylene	ND		25	25.0	100	24.3	97	3	85-124/10
75-69-4	Trichlorofluoromethane	ND		25	36.9	148	33.9	136	8	66-156/15
75-01-4	Vinyl chloride	ND		25	33.7	135	30.9	124	9	57-153/22
108-05-4	Vinyl Acetate	ND		125	153	122	145	116	5	38-159/11
	m,p-Xylene	0.39	J	50	54.8	109	51.9	103	5	86-121/10
95-47-6	o-Xylene	0.42	J	25	28.0	110	26.4	104	6	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F82826-2MS	B076185.D	1	06/09/11	AJ	n/a	n/a	VB3133
F82826-2MSD	B076186.D	1	06/09/11	AJ	n/a	n/a	VB3133
F82826-2	B076179.D	1	06/09/11	AJ	n/a	n/a	VB3133

The QC reported here applies to the following samples: **Method:** SW846 8260B

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Surrogate Recoveries	MS	MSD	F82826-2	Limits
1868-53-7	Dibromofluoromethane	99%	98%	99%	87-116%
17060-07-0	1,2-Dichloroethane-D4	105%	103%	104%	76-127%
2037-26-5	Toluene-D8	99%	101%	104%	86-112%
460-00-4	4-Bromofluorobenzene	94%	93%	100%	84-120%

Southeast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MB	X018528.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	0.50	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.50	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.54	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.54	ug/l	
100-02-7	4-Nitrophenol	ND	25	5.0	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.4	ug/l	
108-95-2	Phenol	ND	5.0	0.50	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.50	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.50	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.50	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.50	ug/l	
62-53-3	Aniline	ND	5.0	0.52	ug/l	
120-12-7	Anthracene	ND	5.0	0.50	ug/l	
92-87-5	Benzidine	ND	25	4.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.50	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.50	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.50	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.50	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.50	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.50	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.50	ug/l	
86-74-8	Carbazole	ND	5.0	0.50	ug/l	
218-01-9	Chrysene	ND	5.0	0.50	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.50	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MB	X018528.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.50	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.50	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	1.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	0.52	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.50	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	1.1	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.99	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.1	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.50	ug/l	
86-73-7	Fluorene	ND	5.0	0.50	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.56	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	1.9	ug/l	
67-72-1	Hexachloroethane	ND	5.0	1.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	0.50	ug/l	
78-59-1	Isophorone	ND	5.0	0.50	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	0.50	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.57	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.50	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.80	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.59	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	5.0	2.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	1.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.50	ug/l	
129-00-0	Pyrene	ND	5.0	0.50	ug/l	
110-86-1	Pyridine	ND	10	1.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MB	X018528.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	39%	14-62%
4165-62-2	Phenol-d5	27%	10-40%
118-79-6	2,4,6-Tribromophenol	66%	33-118%
4165-60-0	Nitrobenzene-d5	63%	42-108%
321-60-8	2-Fluorobiphenyl	62%	40-106%
1718-51-0	Terphenyl-d14	72%	39-121%

Blank Spike Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-BS	X018527.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	13.2	13	10-50
95-57-8	2-Chlorophenol	50	35.3	71	44-103
59-50-7	4-Chloro-3-methyl phenol	50	38.4	77	53-105
120-83-2	2,4-Dichlorophenol	50	38.9	78	53-108
105-67-9	2,4-Dimethylphenol	50	28.8	58	37-91
51-28-5	2,4-Dinitrophenol	100	72.8	73	37-111
534-52-1	4,6-Dinitro-o-cresol	100	84.2	84	62-115
95-48-7	2-Methylphenol	50	32.3	65	35-91
	3&4-Methylphenol	100	59.3	59	32-85
88-75-5	2-Nitrophenol	50	37.2	74	49-111
100-02-7	4-Nitrophenol	100	28.2	28	13-55
87-86-5	Pentachlorophenol	100	81.6	82	57-118
108-95-2	Phenol	50	15.5	31	13-54
95-95-4	2,4,5-Trichlorophenol	50	37.9	76	59-106
88-06-2	2,4,6-Trichlorophenol	50	38.6	77	58-107
83-32-9	Acenaphthene	50	39.0	78	58-106
208-96-8	Acenaphthylene	50	38.8	78	58-105
62-53-3	Aniline	50	29.4	59	43-98
120-12-7	Anthracene	50	41.6	83	65-108
56-55-3	Benzo(a)anthracene	50	40.8	82	63-111
50-32-8	Benzo(a)pyrene	50	40.8	82	62-106
205-99-2	Benzo(b)fluoranthene	50	41.3	83	63-109
191-24-2	Benzo(g,h,i)perylene	50	41.9	84	61-111
207-08-9	Benzo(k)fluoranthene	50	41.3	83	64-111
101-55-3	4-Bromophenyl phenyl ether	50	40.5	81	64-107
85-68-7	Butyl benzyl phthalate	50	39.3	79	59-114
100-51-6	Benzyl Alcohol	50	33.9	68	34-98
91-58-7	2-Chloronaphthalene	50	36.9	74	54-105
106-47-8	4-Chloroaniline	50	35.3	71	53-103
86-74-8	Carbazole	50	40.3	81	66-109
218-01-9	Chrysene	50	41.0	82	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	37.2	74	48-101
111-44-4	bis(2-Chloroethyl)ether	50	37.2	74	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	35.0	70	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	40.5	81	61-107
95-50-1	1,2-Dichlorobenzene	50	31.2	62	41-102

Blank Spike Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-BS	X018527.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
122-66-7	1,2-Diphenylhydrazine	50	38.7	77	61-110
541-73-1	1,3-Dichlorobenzene	50	29.4	59	38-100
106-46-7	1,4-Dichlorobenzene	50	30.9	62	40-100
121-14-2	2,4-Dinitrotoluene	50	40.1	80	60-109
606-20-2	2,6-Dinitrotoluene	50	40.0	80	58-104
53-70-3	Dibenzo(a,h)anthracene	50	41.3	83	62-112
132-64-9	Dibenzofuran	50	38.8	78	61-108
84-74-2	Di-n-butyl phthalate	50	39.5	79	62-109
117-84-0	Di-n-octyl phthalate	50	40.7	81	60-120
84-66-2	Diethyl phthalate	50	40.8	82	62-109
131-11-3	Dimethyl phthalate	50	39.7	79	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	40.4	81	59-116
206-44-0	Fluoranthene	50	41.1	82	65-114
86-73-7	Fluorene	50	40.5	81	61-106
118-74-1	Hexachlorobenzene	50	41.1	82	62-107
87-68-3	Hexachlorobutadiene	50	31.1	62	38-107
77-47-4	Hexachlorocyclopentadiene	50	28.1	56	19-84
67-72-1	Hexachloroethane	50	28.9	58	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	41.0	82	61-113
78-59-1	Isophorone	50	31.3	63	56-111
90-12-0	1-Methylnaphthalene	50	36.2	72	52-102
91-57-6	2-Methylnaphthalene	50	37.5	75	56-112
88-74-4	2-Nitroaniline	50	45.0	90	60-109
99-09-2	3-Nitroaniline	50	37.9	76	52-107
100-01-6	4-Nitroaniline	50	38.5	77	59-111
91-20-3	Naphthalene	50	34.8	70	50-104
98-95-3	Nitrobenzene	50	35.7	71	52-105
62-75-9	N-Nitrosodimethylamine	50	20.2	40	20-71
621-64-7	N-Nitroso-di-n-propylamine	50	38.3	77	51-104
86-30-6	N-Nitrosodiphenylamine	50	40.3	81	57-110
85-01-8	Phenanthrene	50	42.0	84	65-108
129-00-0	Pyrene	50	42.1	84	60-113
110-86-1	Pyridine	50	17.4	35	15-67
120-82-1	1,2,4-Trichlorobenzene	50	30.5	61	45-104

Blank Spike Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-BS	X018527.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	42%	14-62%
4165-62-2	Phenol-d5	29%	10-40%
118-79-6	2,4,6-Tribromophenol	78%	33-118%
4165-60-0	Nitrobenzene-d5	71%	42-108%
321-60-8	2-Fluorobiphenyl	74%	40-106%
1718-51-0	Terphenyl-d14	83%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MS	X018531.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
OP37394-MSD	X018532.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
F82864-1	X018530.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	F82864-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	72.5	38	70.5	37	3	10-50/40
95-57-8	2-Chlorophenol	ND		96.2	67.7	70	66.7	69	1	44-103/29
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	77.2	80	72.6	76	6	53-105/24
120-83-2	2,4-Dichlorophenol	ND		96.2	76.1	79	74.3	77	2	53-108/26
105-67-9	2,4-Dimethylphenol	ND		96.2	56.9	59	54.0	56	5	37-91/28
51-28-5	2,4-Dinitrophenol	ND		192	162	84	152	79	6	37-111/30
534-52-1	4,6-Dinitro-o-cresol	ND		192	173	90	162	84	7	62-115/26
95-48-7	2-Methylphenol	ND		96.2	66.1	69	65.2	68	1	35-91/30
	3&4-Methylphenol	ND		192	128	67	126	66	2	32-85/29
88-75-5	2-Nitrophenol	ND		96.2	72.2	75	71.3	74	1	49-111/30
100-02-7	4-Nitrophenol	ND		192	92.0	48	91.3	47	1	13-55/31
87-86-5	Pentachlorophenol	ND		192	166	86	154	80	8	57-118/26
108-95-2	Phenol	ND		96.2	44.1	46	43.1	45	2	13-54/34
95-95-4	2,4,5-Trichlorophenol	ND		96.2	75.6	79	70.2	73	7	59-106/23
88-06-2	2,4,6-Trichlorophenol	ND		96.2	76.1	79	71.9	75	6	58-107/24
83-32-9	Acenaphthene	ND		96.2	78.9	82	75.7	79	4	58-106/21
208-96-8	Acenaphthylene	ND		96.2	77.5	81	73.8	77	5	58-105/21
62-53-3	Aniline	ND		96.2	60.1	63	60.2	63	0	43-98/28
120-12-7	Anthracene	ND		96.2	82.6	86	76.9	80	7	65-108/19
56-55-3	Benzo(a)anthracene	ND		96.2	83.6	87	79.2	82	5	63-111/19
50-32-8	Benzo(a)pyrene	ND		96.2	82.3	86	78.6	82	5	62-106/20
205-99-2	Benzo(b)fluoranthene	ND		96.2	84.2	88	80.9	84	4	63-109/20
191-24-2	Benzo(g,h,i)perylene	ND		96.2	85.6	89	81.2	84	5	61-111/21
207-08-9	Benzo(k)fluoranthene	ND		96.2	83.4	87	78.3	81	6	64-111/20
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	80.9	84	78.9	82	3	64-107/20
85-68-7	Butyl benzyl phthalate	ND		96.2	80.1	83	77.3	80	4	59-114/20
100-51-6	Benzyl Alcohol	ND		96.2	74.7	78	72.3	75	3	34-98/27
91-58-7	2-Chloronaphthalene	ND		96.2	73.3	76	70.7	74	4	54-105/24
106-47-8	4-Chloroaniline	ND		96.2	69.1	72	63.5	66	8	53-103/22
86-74-8	Carbazole	ND		96.2	80.6	84	74.9	78	7	66-109/20
218-01-9	Chrysene	ND		96.2	85.7	89	79.1	82	8	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	72.4	75	71.6	74	1	48-101/28
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	71.4	74	70.4	73	1	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	66.5	69	66.1	69	1	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	82.4	86	78.6	82	5	61-107/20
95-50-1	1,2-Dichlorobenzene	ND		96.2	59.8	62	61.0	63	2	41-102/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MS	X018531.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
OP37394-MSD	X018532.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
F82864-1	X018530.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Compound	F82864-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
122-66-7	1,2-Diphenylhydrazine	ND		96.2	76.3	79	73.9	77	3	61-110/20
541-73-1	1,3-Dichlorobenzene	ND		96.2	57.3	60	58.5	61	2	38-100/28
106-46-7	1,4-Dichlorobenzene	ND		96.2	57.6	60	58.7	61	2	40-100/28
121-14-2	2,4-Dinitrotoluene	ND		96.2	83.0	86	75.8	79	9	60-109/20
606-20-2	2,6-Dinitrotoluene	ND		96.2	81.9	85	77.3	80	6	58-104/21
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	88.2	92	76.2	79	15	62-112/20
132-64-9	Dibenzofuran	ND		96.2	77.6	81	73.1	76	6	61-108/20
84-74-2	Di-n-butyl phthalate	ND		96.2	80.0	83	76.0	79	5	62-109/20
117-84-0	Di-n-octyl phthalate	ND		96.2	78.7	82	78.5	82	0	60-120/24
84-66-2	Diethyl phthalate	ND		96.2	82.9	86	76.8	80	8	62-109/19
131-11-3	Dimethyl phthalate	ND		96.2	80.8	84	76.0	79	6	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	81.7	85	78.0	81	5	59-116/21
206-44-0	Fluoranthene	ND		96.2	84.4	88	77.3	80	9	65-114/21
86-73-7	Fluorene	ND		96.2	81.4	85	76.5	80	6	61-106/19
118-74-1	Hexachlorobenzene	ND		96.2	79.8	83	77.9	81	2	62-107/20
87-68-3	Hexachlorobutadiene	ND		96.2	64.6	67	65.4	68	1	38-107/30
77-47-4	Hexachlorocyclopentadiene	ND		96.2	59.3	62	60.7	63	2	19-84/35
67-72-1	Hexachloroethane	ND		96.2	55.4	58	57.4	60	4	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	85.4	89	80.7	84	6	61-113/20
78-59-1	Isophorone	ND		96.2	62.2	65	61.0	63	2	56-111/26
90-12-0	1-Methylnaphthalene	ND		96.2	73.0	76	71.4	74	2	52-102/25
91-57-6	2-Methylnaphthalene	ND		96.2	74.1	77	72.1	75	3	56-112/26
88-74-4	2-Nitroaniline	ND		96.2	91.2	95	85.3	89	7	60-109/20
99-09-2	3-Nitroaniline	ND		96.2	76.7	80	70.4	73	9	52-107/21
100-01-6	4-Nitroaniline	ND		96.2	78.1	81	74.0	77	5	59-111/21
91-20-3	Naphthalene	ND		96.2	69.7	72	68.3	71	2	50-104/28
98-95-3	Nitrobenzene	ND		96.2	70.2	73	69.6	72	1	52-105/28
62-75-9	N-Nitrosodimethylamine	ND		96.2	54.5	57	54.6	57	0	20-71/32
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	74.4	77	74.2	77	0	51-104/28
86-30-6	N-Nitrosodiphenylamine	ND		96.2	79.1	82	74.6	78	6	57-110/19
85-01-8	Phenanthrene	ND		96.2	82.5	86	79.2	82	4	65-108/20
129-00-0	Pyrene	ND		96.2	83.2	87	81.9	85	2	60-113/20
110-86-1	Pyridine	ND		96.2	49.9	52	50.7	53	2	15-67/40
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	61.1	64	60.0	62	2	45-104/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F82879
Account: BLESCG Bunnell-Lammons Engineering, Inc
Project: Volvo Construction Equipment; 2169 Hendersonville Rd, Asheville, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37394-MS	X018531.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
OP37394-MSD	X018532.D	1	06/02/11	NAF	06/01/11	OP37394	SX913
F82864-1	X018530.D	1	06/02/11	NAF	06/01/11	OP37394	SX913

The QC reported here applies to the following samples: **Method:** SW846 8270D

F82879-1, F82879-2, F82879-3, F82879-4, F82879-5

CAS No.	Surrogate Recoveries	MS	MSD	F82864-1	Limits
367-12-4	2-Fluorophenol	55%	55%	39%	14-62%
4165-62-2	Phenol-d5	44%*	45%*	27%	10-40%
118-79-6	2,4,6-Tribromophenol	81%	77%	76%	33-118%
4165-60-0	Nitrobenzene-d5	73%	72%	69%	42-108%
321-60-8	2-Fluorobiphenyl	75%	73%	67%	40-106%
1718-51-0	Terphenyl-d14	83%	82%	75%	39-121%