002338.TU11.02

Targeted Brownfield Assessment
Limited Phase II
Environmental Site Assessment
Bastrop Fine Arts Guild Site
1204 Chestnut Street
Bastrop, Bastrop County, Texas 78602

April 26, 2011

Submitted to:

UNITED STATES ARMY CORPS OF ENGINEERS
Fort Worth District
Fort Worth, Texas 76102

Submitted by:

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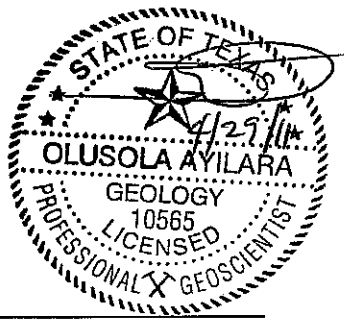

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List of Abbreviations and Acronyms

AST	above-ground storage tank
ASTM	American Society for Testing and Materials
bgs	below ground surface
E & E	Ecology and Environment, Inc.
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
ft	foot/feet
GPS	global positioning system
$^{GW}Soil_{Ing}$	soil-to-groundwater ingestion leaching
IDW	investigation-derived waste
Loomis	Loomis Partners
mg/kg	milligrams per kilogram
MS/MSD	matrix spike/matrix spike duplicate
PAH	polycyclic aromatic hydrocarbon
PCL	protective concentration level
PID	photo-ionization detector
QA/QC	quality assurance/quality control
RAL	residential assessment level
RCRA	Resource Conservation and Recovery Act
SU	standard unit
SVOC	semi-volatile organic compound
TAC	Texas Administrative Code
TBA	Targeted Brownfield Assessment
TCEQ	Texas Commission on Environmental Quality
$^{Tot}Soil_{Comb}$	total soil combined
TRRP	Texas Risk Reduction Program
TPH	total petroleum hydrocarbon
TWDB	Texas Water Development Board
USACE	United States Army Corps of Engineers

List of Abbreviations and Acronyms (Cont.)

VOC	volatile organic compound

Executive Summary

Ecology and Environment, Inc. (E & E), on behalf of the U.S. Army Corps of Engineers (USACE) conducted a Limited Phase II Environmental Site Assessment (ESA) at the Bastrop Fine Arts Guild Targeted Brownfield Assessment (TBA) site, hereafter referred to as the "Bastrop Site." The ESA was provided and funded by U.S. Environmental Protection Agency (EPA) Region 6 TBA program at the request of the Texas Commission on Environmental Quality (TCEQ). The Bastrop Site is located at 1204 Chestnut Street, Bastrop, Bastrop County, Texas. According to an online database search of the Bastrop Central Appraisal District, the Bastrop Site is approximately 1.246 acres. The Bastrop Site is currently used as a leased commercial space for automotive repair and storage space for the present owner.

This Phase II ESA was conducted for the Bastrop Fine Arts Guild, who proposes to purchase the property for redevelopment into a sculpture gardens, art studios/gallery, and gift shop. This assessment is in accordance with EPA Requirements for Quality Assurance Project Plans (EPA QA/R-5, March 2001) and the American Society for Testing and Materials (ASTM) Standard Guide for Environmental Site Assessments: *Phase II Environmental Site Assessment Process (Designation: E1903-97 [Reapproved 2002])*. The objective of the Phase II ESA was to further characterize the nature of contamination in the surface soil at the Bastrop Site based on sampling recommendations provided in the July 9, 2010 Phase I ESA prepared by Loomis Partners (Loomis).

E & E conducted the Limited Phase II ESA activities at the Bastrop Site from January 20 through 21, 2011. The Limited Phase II ESA included advancement of 18 shallow soil borings and collection of soil samples for subsequent laboratory analysis. Core samples from each soil boring were visually inspected and screened for volatile organic compounds (VOCs) using a photo-ionization detector (PID). Two soil samples were collected from each boring, for a total of 36 field samples collected for laboratory analysis. One investigation-derived waste (IDW) sample for waste profiling, and duplicate samples and matrix spike and matrix spike duplicate (MS/MSD) sample pairs for quality assurance/quality control (QA/QC) were also submitted for laboratory analysis. All the samples were submitted to the laboratory for VOC, semi-volatile organic compounds (SVOC), total petroleum hydrocarbons (TPH), and Resource Conservation and Recovery Act (RCRA) metals analyses. Four of 36 samples were analyzed for pH and two for pesticides.

Analytical results for the SVOC, VOC, TPH, and pesticide analyses were compared with published TCEQ Texas Risk Reduction Program (TRRP) protective concentration levels (PCLs). Detected SVOC concentrations were below the residential Tier 1 $^{GW}Soil_{Ing}$ (soil-to-groundwater ingestion leaching) PCLs in all of the samples. VOC concentrations were below the residential Tier 1 $^{GW}Soil_{Ing}$ PCLs in all samples except for one, which had a methylene chloride concentration above the Tier 1 $^{GW}Soil_{Ing}$ PCL. However, methylene chloride is a common laboratory contaminant and not likely to be present in the surface soil at the site. TPH concentrations were detected in all samples below the residential Tier 1 $^{GW}Soil_{Ing}$ PCL, except in one sample, where TPH concentrations were detected above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL. Pesticides were detected below the laboratory sample detection limit in both analyzed soil samples.

RCRA metals results were compared with the applicable published TRRP PCL and Texas Specific Background concentrations. Lead was detected in 28 of the 36 soil samples at concentrations above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL, with 10 of 28 soil samples having concentrations above the Texas-specific background concentration. Additionally, lead was detected in two of 32 soil samples above the residential Tier 1 $^{Tot}Soil_{Comb}$ (total soil combined) PCL. Silver was detected in two of 36 soil samples above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL. Cadmium was detected in two of 36 soil samples above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL, and barium was detected in one of 36 soil samples above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL. Selenium was detected in four of 36 soil samples above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL. Arsenic was detected in three of 36 soil samples above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL and Texas Specific Background concentration. Arsenic was also detected in one of three samples above the residential Tier 1 $^{Tot}Soil_{Comb}$ PCL. The laboratory reporting limit for mercury in all 36 soil samples was greater than the Tier 1 $^{GW}Soil_{Ing}$ PCL. However, nine of 36 soil samples had a mercury concentration above the laboratory reporting limits, and five of nine soil samples had detected mercury above the Texas Specific Background concentration.

The shallow soil sampling event was conducted at the request of the Texas Commission on Environmental Quality to provide supplemental site data to their previous investigation of the site. This limited site investigation does not address groundwater at the site. Groundwater monitoring wells were installed and sampled by another contractor.

Based on results from previous the previous soil investigation (June 2010) and this limited Phase II ESA, the TCEQ made recommendations to address chemicals of concern that exceeded the residential assessment levels (RALs) in several areas of the site. E & E concurs with the following recommendations made by the TCEQ:

Above-ground Storage Tank (AST) Area: Remove the AST and concrete secondary containment, excavate soil in the drain area and collect confirmation soil samples to ensure the soils remaining in place meet the critical RALs. Excavated soil will need to be classified for offsite disposal.

Grain Silos: Remove the concrete floors, excavate soil and collect confirmation soil samples to ensure the soils remaining in place meet the critical RALs for metals. Note that the confirmation soil samples collected from Grain Silo 2 will need to be analyzed for TPH to ensure the soils remaining in place meet the critical RALs since one of the samples also exceeded RAL for TPH. Excavated soil will need to be classified for offsite disposal.

General Site Area: Because **s**oil at various locations across the site had metal exceedances for Texas Specific Background concentrations or the residential soil to groundwater PCLs for arsenic, barium, lead, selenium, silver and mercury, it is recommended to calculate site specific Tier 2 PCL that demonstrates that these concentrations are protective of site groundwater.

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1 Introduction

1.1 Purpose

The Limited Phase II Environmental Site Assessment (ESA) was based upon results and recommendations from the Phase I ESA conducted by Loomis Partners (Loomis) in June of 2010. The purpose of the Limited Phase II ESA was to further characterize volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), pesticides, and Resource Conservation and Recovery Act (RCRA) metals contamination in the shallow surface soil at the Bastrop Fine Arts Guild Targeted Brownfield Assessment (TBA) site (the Bastrop Site). In order to assess the risk of contamination at the site, the shallow surface soil analytical results were compared with published Texas Risk Reduction Program (TRRP) protective concentration limits (PCLs) and, as appropriate, the Texas Specific Background concentrations.

1.2 Scope of Services

The scope of work for this assessment was conducted in accordance with the American Society of Testing and Materials (ASTM) Standard Guide for ESAs: *Phase II Environmental Site Assessment Process (Designation: E 1903-97 [Reapproved 2002]).*

Specific tasks conducted as part of the site investigation include:

- Review of the Phase I ESA Report prepared by Loomis, dated July 2010;
- Site soil investigation and sample collection;
- Laboratory data analyses and validation; and
- Report preparation.

1.3 Special Terms and Conditions

The findings and conclusions in this report apply to laboratory analytical results for VOC, SVOC, TPH, RCRA metal, pH, and pesticide analyses.

2 Background

2.1 Site Description

The Bastrop Site is located at 1204 Chestnut Street, Bastrop, Bastrop County, Texas. The geographic coordinates are N 30° 6' 39.67" latitude and W 97° 18' 48.43" longitude. The Bastrop Site occupies approximately 1.246 acres and is bounded to the north by Spring Street, to the west by Haysel Street, to the east by train tracks, and to the south by Chestnut Street. The topographic map of the Bastrop Site is presented in Figure 2-1.

2.2 Physical Setting of the Area

The Bastrop Site is located within the Bosque-Smithville-Norwood soil association at an elevation of approximately 368 feet (ft) above mean sea level. The site is nearly flat-lying, with surface water gradient generally south and southwest. The nearest body of surface water is the Colorado River located about one half mile west of the site.

2.3 Geologic Setting

According to the *Geologic Atlas of Texas (Austin Sheet; 1974 Reprinted June 1981),* the Bastrop Site is underlain by the Upper Quaternary age Fluviatile terrace deposits. The Fluviatile terrace deposits form terraces along streams and consist of gravel, sand, silt, and clay in various proportions.

According to the Texas Water Development Board (TWDB) online database search conducted by Ecology and Environment, Inc. (E & E), no water well is located on or in the vicinity of the site. Multiple water wells were identified less than one mile northwest of the site. The deepest water well, identified as State Well Number 5862203 was completed to 650 ft below ground surface (bgs) in the Carrizo-Wilcox Aquifer.

2.4 Site History and Land Use

According to a Phase I ESA (Loomis 2010), the Bastrop Site was formerly used as storage and processing facility for cotton seed and other grains by Powell Oil Mill Company, Smithville Oil Mill Company, and Bastrop Feed Company. The Bastrop Site is currently used as a leased commercial space for automotive repair and bail bond businesses, as well as work and storage space for the present owner.

2.5 Adjacent Property Land Use

As shown in Figure 2-2, the area surrounding the Bastrop Site is primarily used for commercial and retail purposes, except in the northern portion where a residential mobile home is located. The Bastrop Site is bounded by Haysel Street, a single residence, and large vacant lot to the west; Spring Street and a residential mobile home to the north; Chestnut Street, a gas station, and commercial stores to the south; and train tracks to east.

2.6 Summary of Previous Assessment

According to the Loomis July 2010 Phase I ESA Report, the previous site assessment included collection of 11 soil samples and laboratory analysis. Samples were collected inside and outside the four silos, inside the auto shop to the west and east, and near the above-ground storage tank (AST) drain. Samples from inside and outside the silos were analyzed for arsenic, and samples from inside the auto shop were analyzed for VOCs, TPHs and polycyclic aromatic hydrocarbons (PAHs). The sample from the AST drain was analyzed for TPH. Analytical results indicated that all the soil samples were below the accepted ranges for fuel hydrocarbons and arsenic, with the exception of the soil sample collected near the AST drain where TPH were detected above the PCL.

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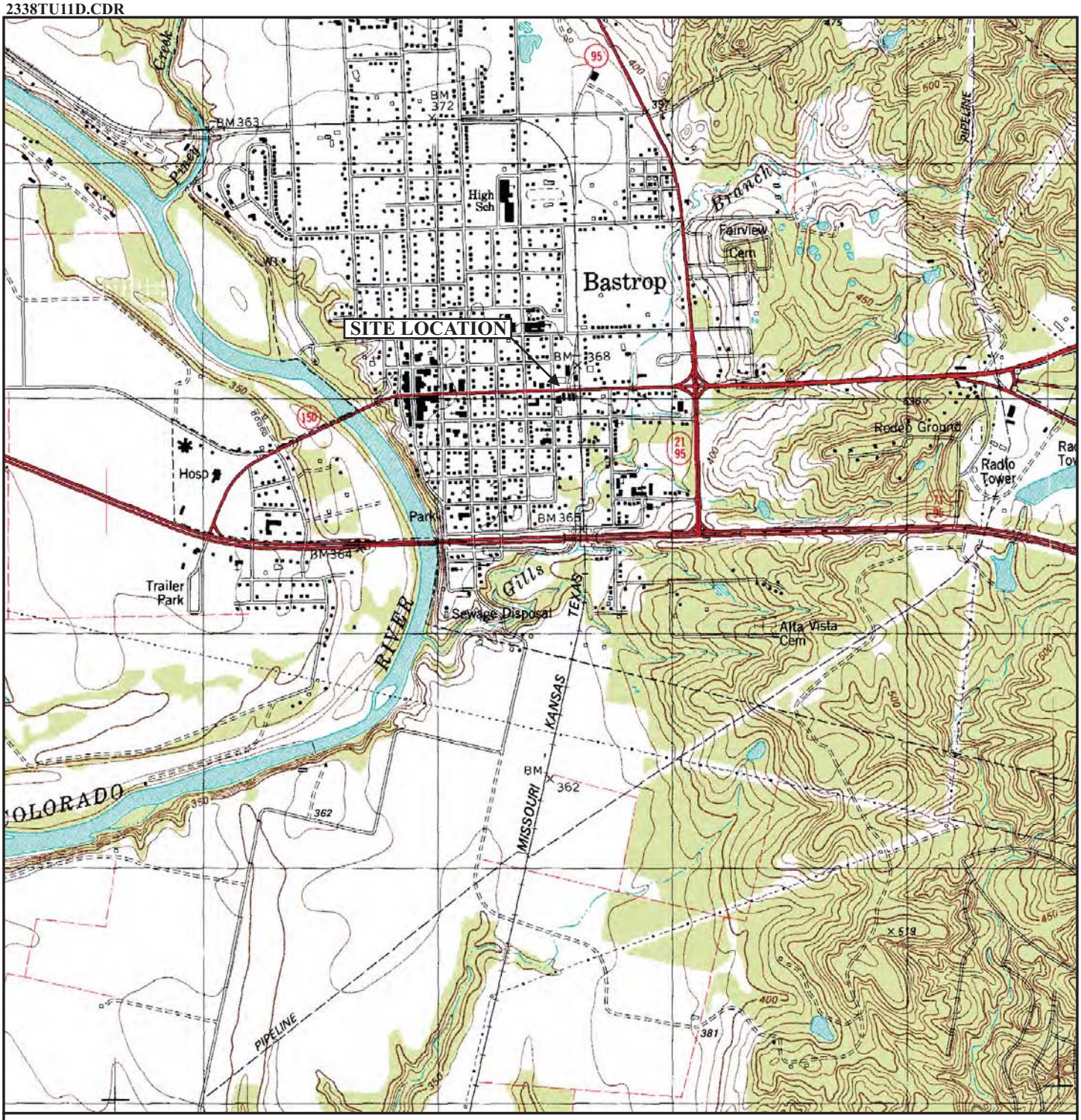

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SCALE 1:24 000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

QUADRANGLE LOCATION

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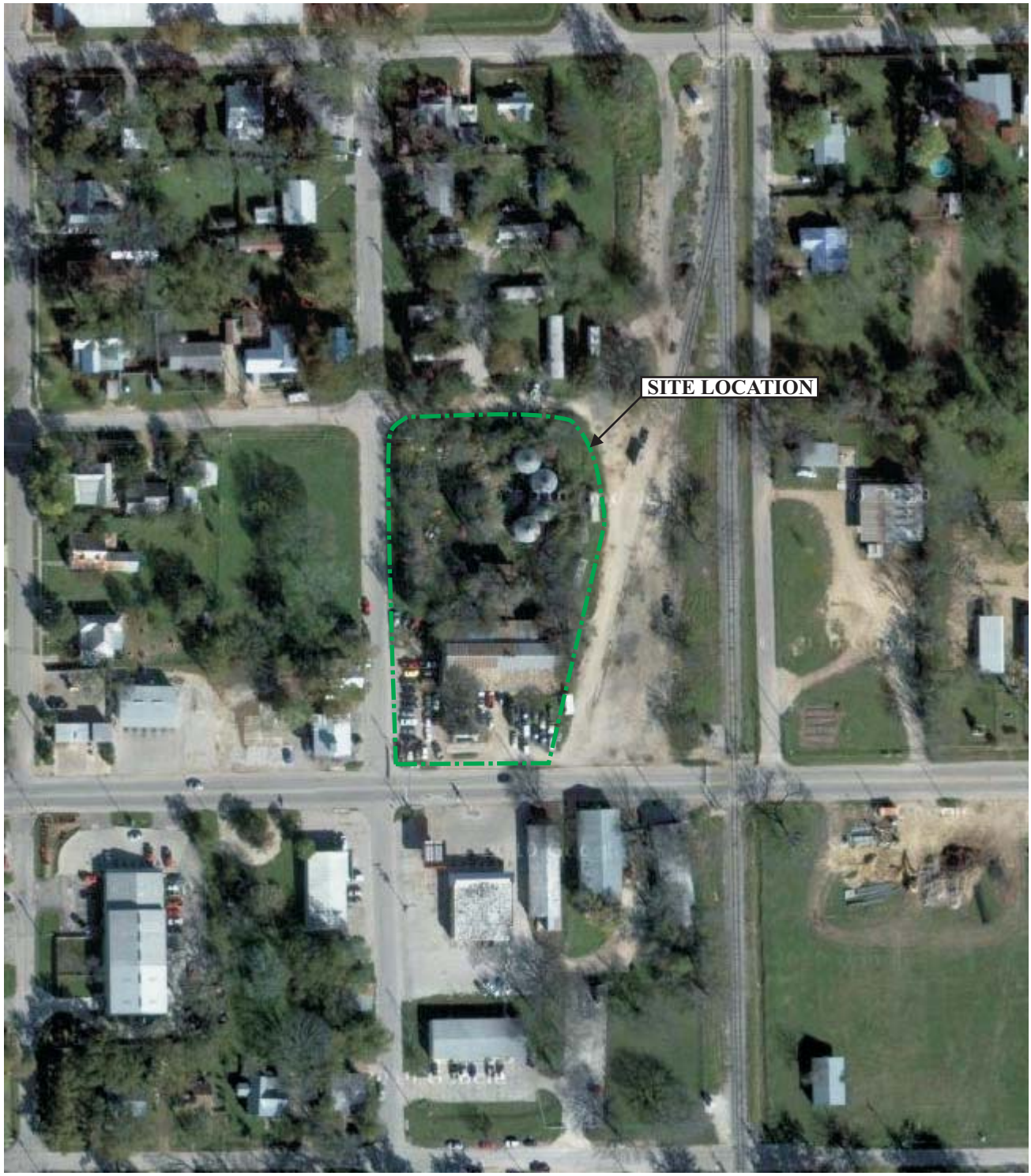
SOURCE: U.S.G.S. 7.5 MIN. TOPOGRAPHIC QUADRANGLES
BASTROP, TEXAS - 1982

FIGURE 2-1
SITE TOPOGRAPHIC MAP
BASTROP FINE ARTS GUILD, TARGETED BROWNFIELDS ASSESSMENT SITE
BASTROP, BASTROP COUNTY, TEXAS



APPROXIMATE SCALE

0 200 400 FEET

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FIGURE 2-2
SITE AERIAL MAP
BASTROP FINE ARTS GUILD, TARGETED BROWNFIELDS ASSESSMENT SITE
BASTROP, BASTROP COUNTY, TEXAS

3 Limited Phase II ESA Activities

3.1 Background

The Limited Phase II ESA was conducted to further characterize the nature of contamination in the surface soil at the Bastrop Site and is based on sampling recommendations and locations provided in the July 9, 2010 Phase I ESA Report prepared by Loomis. Soil samples were collected from shallow surface soil media only.

3.2 Work Plan Deviations

No significant deviation from the sampling plan occurred during the Limited Phase II ESA. The soil sampling and analysis plan prepared for the site described the field investigation procedures for the Limited Phase II ESA sampling activities.

3.3 Sampling Activities

Site assessment activities included the collection of soil samples from 18 shallow soil borings. Coordinates for the sample locations were obtained using a handheld global positioning system (GPS) unit, are summarized in Table 3-1, and shown on Figure 3-1. Limited Phase II ESA activities were conducted from January 20 to 21, 2011. The groundwater investigation is being addressed by other contractors and is not part of the scope for this project.

Soil Samples

Eighteen shallow soil borings (SB-1 to SB-18) were advanced by a truck-mount Geoprobe® rig utilizing direct push techniques. Borings were installed inside and outside of the four grain silos, inside and outside of the auto shop building, near the AST secondary container drain, and the open area of the lot. Borings SB-1 through SB-18 were advanced to approximately 3 ft bgs. During advancement of each boring, core samples was continuously collected, inspected visually, and screened for VOCs using a photo-ionization detector (PID). At each boring, soil samples were collected from the 0 to 0.5 ft bgs and the 2 to 3 ft bgs intervals. The two soil samples from each boring (36 total), one investigation-derived waste (IDW) sample, three duplicate samples, and two matrix spike/matrix spike duplicate (MS/MSD) pair of samples were submitted for laboratory analysis at the TestAmerica facility in Corpus Christi, Texas. All samples were analyzed for VOCs by EPA Method 8260B, SVOCs by EPA Method 8270C, RCRA metals by EPA Method 6020 and 7471A, and TPH by Method TX 1005. In addition, four of

the 36 soil samples were analyzed for pH by EPA Method 9045C, and two of the 36 samples were also analyzed for pesticides by EPA Method 8081B.

Each soil boring was plugged and abandoned with bentonite in accordance with the Texas Department of Licensing and Registration regulatory requirements. Photographic documentation of site assessment activities is provided in Appendix A and boring logs are provided in Appendix B.

Investigation-Derived Waste

IDW generated during the Phase II ESA was containerized in a 55-gallon Department of Transportation approved steel drum, labeled, and staged near the west entrance to the back of the property. One IDW composite sample was collected and analyzed for VOCs, SVOCs, RCRA metals, and TPH to facilitate waste characterization for disposal. The drum, containing Non-RCRA solid was staged on site pending off-site disposal.

Table 3-1
Soil Boring Locations

Soil Boring ID	Latitude			Decimal Deg	Longitude			Decimal Deg
	Deg	Min	Sec		Deg	Min	Sec	
SB-1	30	6	39.43	30.110953	97	18	48.75	97.313542
SB-2	30	6	39.17	30.110881	97	18	48.76	97.313544
SB-3	30	6	39.18	30.110883	97	18	47.92	97.313311
SB-4	30	6	39.5	30.110972	97	18	47.92	97.313311
SB-5	30	6	39.72	30.111033	97	18	49.32	97.313700
SB-6	30	6	39.84	30.111067	97	18	49.39	97.313719
SB-7	30	6	39.96	30.111100	97	18	49.3	97.313694
SB-8	30	6	40.45	30.111236	97	18	48.22	97.313394
SB-9	30	6	40.86	30.111350	97	18	49.26	97.313683
SB-10	30	6	41.64	30.111567	97	18	49.26	97.313683
SB-11	30	6	40.98	30.111383	97	18	48.15	97.313375
SB-12	30	6	40.99	30.111386	97	18	48.4	97.313444
SB-13	30	6	41.23	30.111453	97	18	47.95	97.313319
SB-14	30	6	41.23	30.111453	97	18	48.21	97.313392
SB-15	30	6	41.47	30.111519	97	18	47.97	97.313325
SB-16	30	6	41.45	30.111514	97	18	48.23	97.313397
SB-17	30	6	41.76	30.111600	97	18	48.18	97.313383
SB-18	30	6	41.73	30.111592	97	18	48.31	97.313419

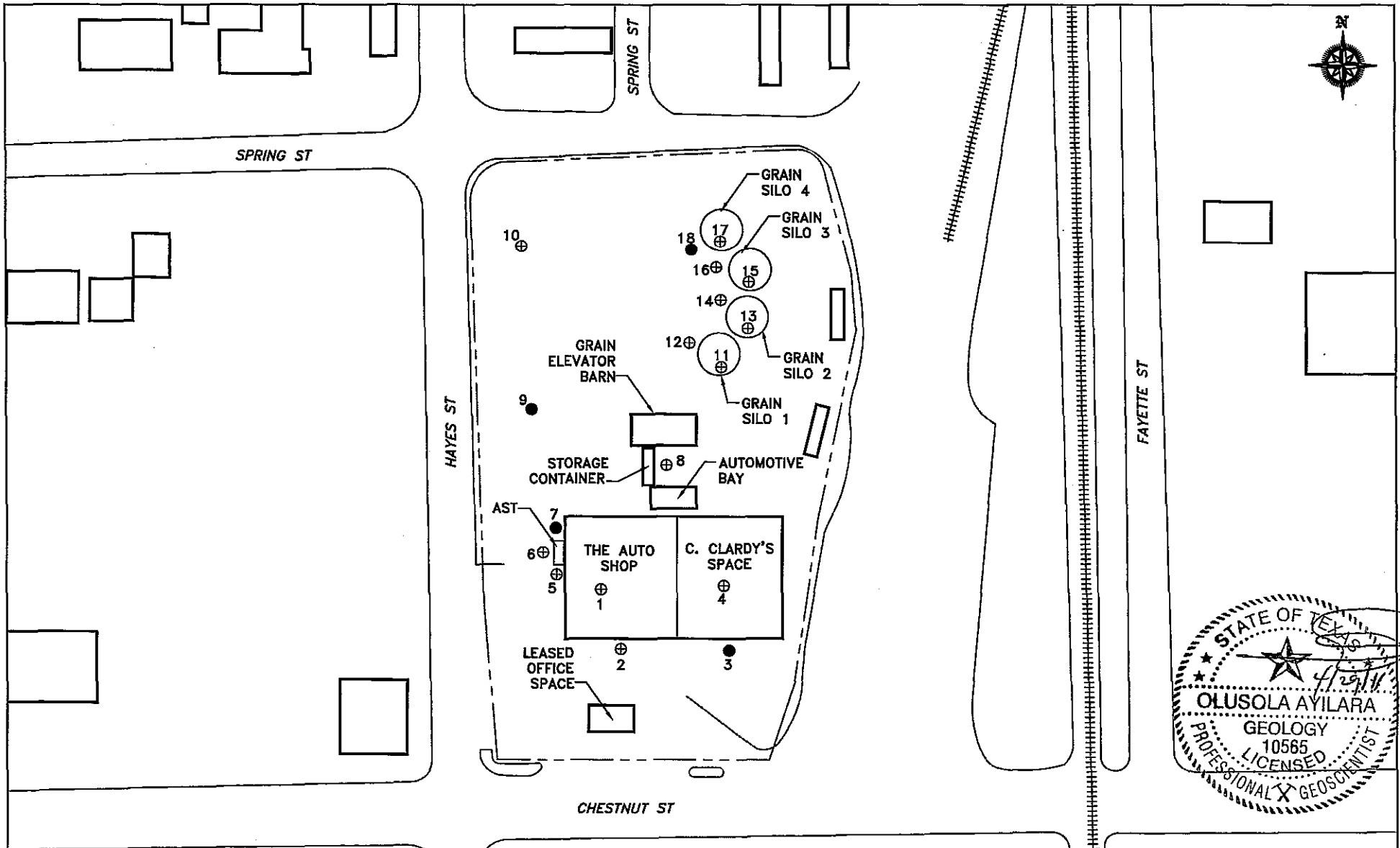

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FIGURE 3-1
SOIL SAMPLE LOCATION MAP
BASTROP FINE ARTS GUILD
TARGETED BROWNFIELDS ASSESSMENT SITE
BASTROP, BASTROP COUNTY, TEXAS

JOB#: 002338.TU11.01 | Date: MARCH 2011
File Name: 2338TU011C.DWG | P.M.: D. BEESON

4 Soil Analytical Results

The soil analytical results were compared with the TRRP Tier 1 assessment PCLs and the Texas Specific Background concentrations.

4.1 Comparisons of Analytical Results with Applicable Protective Concentrations Levels

Analytical results of VOCs, SVOCs, and TPH were compared with TCEQ TRRP PCLs for residential properties with a 0.5-acre source. RCRA metals analytical results were compared with TCEQ TRRP PCLs for residential properties with a 0.5-acre source and the Texas Specific Background concentrations (30 Texas Administrative Code [TAC] §350.51(m)). For residential property, surface soil extends from ground surface to 15 ft bgs or groundwater level, and subsurface soil extends from 15 ft bgs to the groundwater table. Surface soil samples were compared with soil-to-groundwater exposure pathway, $^{GW}Soil_{Ing}$ (soil to groundwater ingestion leaching) PCL, and the $^{Tot}Soil_{Comb}$ (total soil combined) PCL, which is protective of the ingestion, dermal contact, and inhalation exposure pathways for soil.

VOC analytical results and applicable PCLs are summarized in Table 4-1. SVOC and TPH analytical results and applicable PCLs are summarized in Table 4-2. pH and RCRA metals analytical results and applicable PCLs and Texas Specific Background concentrations are summarized in Table 4-3. Pesticides analytical results and applicable PCLs are summarized in Table 4-4. The data usability summary is provided in Appendix C. The samples location map is presented as Figure 4-1.

Detected SVOC concentrations were below the residential Tier 1 $^{GW}Soil_{Ing}$ PCL in all samples. Detected VOC concentrations were below the residential Tier 1 $^{GW}Soil_{Ing}$ PCL in all samples, with the exception of SB11-2-3 (0.0223 milligram per kilogram [mg/kg]) where methylene chloride was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 0.013 mg/kg. Methylene chloride is a common laboratory contaminant and not likely to be present in the surface soil at the site. Detected TPH concentrations were below the residential Tier 1 $^{GW}Soil_{Ing}$ PCL in all samples, with the exception of SB13-2-3 where the TPH (>C12-C28) concentration of 224 mg/kg was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 198 mg/kg. The TPH concentrations were detected below the Tier 1 $^{Tot}Soil_{Comb}$ PCL of 2,264.19 mg/kg. Pesticides were not detected above the laboratory sample

detection limit in the two soil samples analyzed. Analytical results of four pH samples ranged from 7.67 to 8.9 standard units (SU).

Concentrations of lead ranged from 3.41 to 775 mg/kg in soil samples collected from 0 to 0.5 ft bgs and from 3.73 to 5,220 mg/kg in soil samples collected from 2 to 3 ft bgs. The highest lead concentration (5,220 mg/kg) was detected in sample SB13-2-3 and was collected from beneath the concrete floor of grain silo number 2. Although lead was detected at concentrations above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL of 3.029 mg/kg in 28 of the 36 soil samples, only 10 of the 32 soil samples had lead concentrations above the Texas Specific Background concentration of 15 mg/kg. Lead was also detected at concentrations above the residential Tier 1 $^{Tot}Soil_{Comb}$ PCL of 500 mg/kg in two of the 28 soil samples.

Silver was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 0.479 mg/kg in two of the 36 soil samples, with the highest concentration (0.932 mg/kg) detected in sample SB13-2-3. Silver was not detected above the laboratory sample detection limit in any of the soil samples collected from 0 to 0.5 ft bgs. Concentrations of silver in soil samples collected from 2 to 3 ft bgs ranged from non-detect to 0.932 mg/kg.

Barium was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 443.82 mg/kg in one of the 36 soil samples. Concentrations of barium ranged from 25.8 to 154 mg/kg in soil samples collected from 0 to 0.5 ft bgs and from 24 to 638 mg/kg in the soil samples collected from 2 to 3 ft bgs. The highest concentration of Barium (638 mg/kg) as detected in sample SB13-2-3.

Arsenic was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 5.019 mg/kg and above the Texas Specific Background concentration of 5.9 mg/kg in three of the 36 soil samples. Arsenic was also detected above the residential Tier 1 $^{Tot}Soil_{Comb}$ PCL of 24.168 mg/kg in one of the three samples. Concentrations of arsenic ranged from 1.56 to 10.5 mg/kg in soil samples collected from 0 to 0.5 ft bgs and from 0.999 to 42.4 mg/kg in soil samples collected from 2 to 3 ft bgs. The highest concentration of arsenic (42.4 mg/kg) was detected in SB13-2-3.

Selenium was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 2.256 mg/kg in four of the 36 soil samples. The highest concentration documented (5.21 mg/kg) was detected in sample SB15-2-3, which was collected beneath the concrete floor of grain silo number 3. Concentrations of selenium ranged from 0.131 J to 1.34 mg/kg in soil samples collected from 0 to 0.5 ft bgs, and from 0.14 J to 5.21 mg/kg in soil samples collected from 2 to 3 ft bgs.

Cadmium was detected above the Tier 1 $^{GW}Soil_{Ing}$ PCL of 1.51 mg/kg in two of the 36 soil samples. The highest concentration (5.11 mg/kg) was detected in sample SB16-2-3, which was collected in front of grain silo number 3. Concentrations of cadmium ranged from non-detect to 2.48 mg/kg in soil samples collected from 0 to 0.5 ft bgs, and from non-detect to 5.11 mg/kg in soil samples collected from 2 to 3 ft bgs.

Laboratory reporting limits for mercury in all 36 soil samples ranged from 0.00918 to 0.0173 mg/kg, and were above the residential Tier 1 $^{GW}Soil_{Ing}$ PCL of 0.0078 mg/kg. However, nine of the 36 soil samples had mercury reported above the laboratory reporting limits, with estimated concentrations ranging from 0.014 to 0.0708 mg/kg. Five of the nine soil samples with detectable mercury concentrations exceeded the Texas Specific Background concentration of 0.04 mg/kg, with highest concentration (0.0708 J mg/kg) detected in sample SB11-2-3.

Table 4-1
Volatile Organic Compounds Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound		Sample ID:	SB1-0-0.5	SB10-0-0.5	SB10-2-3	SB11-0-0.5	SB11-2-3	SB12-0-0.5	SB12-2.3	SB1-2-3	SB13-0-0.5	SB13-2-3	SB14-0-0.5	SB14-2-3
		Collection Date:	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11
1,1,1-TRICHLOROETHANE	52263.732	1.620	0.00088 UJ	0.00094 UJ	0.00076 U	0.00068 U	0.00102 UJ	0.00071 UJ	0.00071 UJ	0.00071 UJ	0.00068 U	0.00093 UJ	0.00072 UJ	0.00044 UJ
1,1,2,2-TETRACHLOROETHANE	6.902	0.023	0.00048 UJ	0.00051 UJ	0.00041 U	0.00037 U	0.00055 UJ	0.00039 UJ	0.00038 UJ	0.00038 UJ	0.00037 U	0.0005 UJ	0.00039 UJ	0.00024 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	387829.550	79819.789	0.00085 UJ	0.0009 UJ	0.00073 U	0.00065 U	0.00098 UJ	0.00068 UJ	0.00068 UJ	0.00068 UJ	0.00065 U	0.00089 UJ	0.00069 UJ	0.00042 UJ
1,1,2-TRICHLOROETHANE	18.499	0.020	0.00063 UJ	0.00067 UJ	0.00054 U	0.00049 U	0.00073 UJ	0.00051 UJ	0.0005 UJ	0.0005 UJ	0.00048 U	0.00066 UJ	0.00052 UJ	0.00032 UJ
1,1-DICHLOROETHANE	4466.099	18.494	0.00074 UJ	0.00079 UJ	0.00064 U	0.00057 U	0.00086 UJ	0.0006 UJ	0.0006 UJ	0.00059 UJ	0.00057 U	0.00078 UJ	0.00061 UJ	0.00037 UJ
1,1-DICHLOROETHENE	2294.633	0.050	0.00202 J	0.00217 J	0.00044 J	0.00019 U	0.0166 J	0.00373 J	0.0002 UJ	0.00461 J	0.00019 U	0.00591 J	0.00286 JL	0.00113 J
1,1-DICHLOROPROPENE	36.187	0.134	0.00066 UJ	0.0007 UJ	0.00056 U	0.00051 U	0.00076 UJ	0.00053 UJ	0.00052 UJ	0.00052 UJ	0.0005 U	0.00069 UJ	0.00054 UJ	0.00033 UJ
1,2,3-TRICHLOROBENZENE	193.312	26.288	0.00056 UJ	0.00059 UJ	0.00048 U	0.00043 U	0.00064 UJ	0.00045 UJ	0.00044 UJ	0.00044 UJ	0.00043 U	0.00058 UJ	0.00045 UJ	0.00028 UJ
1,2,3-TRICHLOROPROPANE	0.202	0.001	0.00096 UJ	0.00102 UJ	0.00082 U	0.00074 U	0.00111 UJ	0.00077 UJ	0.00077 UJ	0.00077 UJ	0.00074 U	0.00101 UJ	0.00078 UJ	0.00048 UJ
1,2,4-TRIMETHYLBENZENE	131.464	9.706	0.00025 UJ	0.00169 J	0.00022 U	0.00019 U	0.00029 UJ	0.00046 J	0.00086 J	0.00068 J	0.0174	0.0777 J	0.00021 UJ	0.00013 UJ
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.734	0.00021	0.00025 UJ	0.00027 UJ	0.00022 U	0.00019 U	0.00029 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.00019 U	0.00027 UJ	0.00021 UJ	0.00013 UJ
1,2-DICHLOROETHANE	11.419	0.014	0.00066 UJ	0.0007 UJ	0.00056 U	0.00051 U	0.00076 UJ	0.00053 UJ	0.00052 UJ	0.00052 UJ	0.0005 U	0.00069 UJ	0.00054 UJ	0.00033 UJ
1,2-DICHLOROPROPANE	60.896	0.023	0.00025 UJ	0.00027 UJ	0.00022 U	0.00019 U	0.00029 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.00019 U	0.00027 UJ	0.00021 UJ	0.00013 UJ
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	112.520	53.200	0.00027 UJ	0.00055 J	0.00023 U	0.0002 U	0.00031 UJ	0.00021 UJ	0.00022 J	0.00044 J	0.00387 J	0.0201 J	0.00022 UJ	0.00013 UJ
1,3-DICHLOROPROPANE	36.187	0.064	0.0003 UJ	0.00032 UJ	0.00026 U	0.00023 U	0.00035 UJ	0.00024 UJ	0.00024 UJ	0.00024 UJ	0.00023 U	0.00032 UJ	0.00025 UJ	0.00015 UJ
1,4-DIOXANE (P-DIOXANE)	552.066	0.161	0.0505 UJ	0.0538 UJ	0.0434 U	0.0388 U	0.0582 UJ	0.0407 UJ	0.0403 UJ	0.0403 UJ	0.0387 U	0.0531 UJ	0.0413 UJ	0.0252 UJ
2,2-DICHLOROPROPANE	60.896	0.121	0.00106 UJ	0.00113 UJ	0.00091 U	0.00082 U	0.00122 UJ	0.00086 UJ	0.00085 UJ	0.00085 UJ	0.00081 U	0.00111 UJ	0.00087 UJ	0.00053 UJ
2-HEXANONE	273.766	0.323	0.00151 UJ*	0.00161 UJ*	0.0013 U	0.00116 U*	0.00175 UJ*	0.00122 UJ*	0.00121 UJ	0.00121 UJ*	0.00116 U*	0.00159 UJ*	0.00124 UJ*	0.00076 UJ*
2-NITROPROPANE	0.133	0.007	0.00066 UJ*	0.0007 UJ*	0.00056 U	0.00051 U	0.00076 UJ*	0.00053 UJ*	0.00052 UJ	0.00052 UJ*	0.0005 U*	0.00069 UJ*	0.00054 UJ*	0.00033 UJ*
ACETONE	9849.526	42.742	0.00908 UJ	0.0158 J	0.00781 U	0.00699 U	0.0105 UJ	0.00733 UJ	0.00726 UJ	0.00983 J	0.0105 U	0.0295 UJ	0.0228 J	0.00454 UJ
ACETONITRILE	869.476	1.516	0.0467 UJ	0.0498 UJ	0.0401 U	0.0359 U	0.0539 UJ	0.0377 UJ	0.0373 UJ	0.0373 UJ	0.0358 U	0.0491 UJ	0.0382 UJ	0.0233 UJ
BENZENE	65.794	0.026	0.00029 UJ	0.00064 J	0.00025 U	0.00022 U	0.00098 J	0.00023 UJ	0.00045 J	0.00023 UJ	0.00022 U	0.00031 UJ	0.00024 UJ	0.00015 UJ
BROMODICHLOROMETHANE	97.947	0.065	0.00025 UJ	0.00027 UJ	0.00022 U	0.00019 U	0.00029 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.00019 U	0.00027 UJ	0.00021 UJ	0.00013 UJ
BROMOFORM	400.942	0.631	0.00064 UJ	0.00069 UJ	0.00055 U	0.0005 U	0.00074 UJ	0.00052 UJ	0.00051 UJ	0.00049 U	0.00068 UJ	0.00053 UJ	0.00032 UJ	
BROMOMETHANE	45.977	0.131	0.00139 UJ	0.00148 UJ	0.00119 U	0.00107 U	0.0016 UJ	0.00112 UJ	0.00111 UJ	0.00111 UJ	0.00106 U	0.00146 UJ	0.00114 UJ	0.00069 UJ
CARBON DISULFIDE	4647.647	13.584	0.00092 UJ	0.00098 UJ	0.00079 U	0.00071 U	0.00106 UJ	0.00074 UJ	0.00074 UJ	0.00074 UJ	0.00071 U	0.00097 UJ	0.00075 UJ	0.00046 UJ
CARBON TETRACHLORIDE	15.802	0.062	0.00064 UJ	0.00069 UJ	0.00055 U	0.0005 U	0.00074 UJ	0.00052 UJ	0.00051 UJ	0.00051 UJ	0.00049 U	0.00068 UJ	0.00053 UJ	0.00032 UJ
CHLOROBENZENE	522.637	1.092	0.00029 UJ	0.00031 UJ	0.00025 U	0.00022 U	0.00034 UJ	0.00023 UJ	0.00023 UJ	0.00023 UJ	0.00022 U	0.00031 UJ	0.00024 UJ	0.00015 UJ
CHLOROETHANE	26998.229	30.901	0.00033 UJ	0.00035 UJ	0.00028 U	0.00025 U	0.00038 UJ	0.00027 UJ	0.00026 UJ	0.00026 UJ	0.00025 U	0.00035 UJ	0.00027 UJ	0.00016 UJ
CHLOROFORM	15.573	1.019	0.0011 UJ	0.00117 UJ	0.00094 U	0.00084 U	0.00127 UJ	0.00089 UJ	0.00088 UJ	0.00088 UJ	0.00084 U	0.00115 UJ	0.0009 UJ	0.00055 UJ
CHLOROMETHANE	139.546	0.405	0.00151 UJ	0.00161 UJ	0.0013 U	0.00116 U	0.00175 UJ	0.00122 UJ	0.00121 UJ	0.00121 UJ	0.00116 U	0.00159 UJ	0.00124 UJ	0.00076 UJ
CIS-1,2-DICHLOROETHENE	767.370	0.248	0.00072 UJ	0.00077 UJ	0.00062 U	0.00055 U	0.00083 UJ	0.00058 UJ	0.00058 UJ	0.00057 UJ	0.00055 U	0.00076 UJ	0.00059 UJ	0.00036 UJ
CIS-1,3-DICHLOROPROPENE	7.586	0.007	0.00025 UJ	0.00027 UJ	0.00022 U	0.00019 U	0.00029 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.00019 U	0.00027 UJ	0.00021 UJ	0.00013 UJ
DIBROMOCHLOROMETHANE	72.294	0.049	0.00081 UJ	0.00086 UJ	0.00069 U	0.00062 U	0.00093 UJ	0.00065 UJ	0.00065 UJ	0.00064 UJ	0.00062 U	0.00085 UJ	0.00066 UJ	0.0004 UJ
DIBROMOMETHANE	256.542	1.129	0.0009 UJ	0.00096 UJ	0.00077 U	0.00069 U	0.00103 UJ	0.00072 UJ	0.00072 UJ	0.00072 UJ	0.00069 U	0.00094 UJ	0.00073 UJ	0.00045 UJ
DICHLORODIFLUOROMETHANE	13475.176	239.495	0.00092 UJ	0.00098 UJ	0.00079 U	0.00071 U	0.00106 UJ	0.00074 UJ	0.00074 UJ	0.00074 UJ	0.00071 U	0.00097 UJ	0.00075 UJ	0.00046 UJ
DIETHYL ETHER (ETHYL ETHER)	8704.141	11.182	0.00025 UJ	0.00027 UJ	0.00022 U	0.00019 U	0.00029 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.00019 U	0.00027 UJ	0.00021 UJ	0.00013 UJ
ETHYL ACETATE	17522.195	47.077	0.00151 UJ	0.00161 UJ	0.0013 U	0.00116 U	0.00175 UJ	0.00122 UJ	0.00121 UJ	0.00121 UJ	0.00116 U	0.00159 UJ	0.00124 UJ	0.00076 UJ
ETHYL METHACRYLATE	4532.347	7.508	0.00064 UJ	0.00069 UJ	0.00055 U	0.0005 U	0.00074 UJ*	0.00052 UJ	0.00051 UJ	0.00051 UJ	0.00049 U*	0.00068 UJ*	0.00053 UJ*	0.00032 UJ
ETHYLBENZENE	5340.626	7.630	0.00028 UJ	0.00045 J	0.00024 U	0.00021 U	0.00032 UJ	0.00022 UJ	0.00023 J	0.00054 J	0.00029 UJ	0.00023 UJ	0.00014 UJ	
IODOMETHANE (METHYL IODIDE)	70.671	0.114	0.00101 UJ	0.00108 UJ	0.00087 U	0.00078 U	0.00116 UJ	0.00082 UJ	0.00081 UJ	0.00081 UJ	0.00077 U	0.00106 UJ	0.00083 UJ	0.0005 UJ
METHYL ETHYL KETONE (2-BUTANONE)	34376.034	29.287	0.00126 UJ	0.00135 UJ	0.00108 U	0.00097 U	0.00146 UJ	0.00102 UJ	0.0026 J	0.00101 UJ	0.00097 U	0.00133 UJ	0.00103 UJ	0.00063 UJ
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5885.579	4.949	0.00117 UJ*	0.00125 UJ*	0.00101 U	0.0009 U	0.00135 UJ*	0.00095 UJ*	0.00094 UJ	0.00094 UJ*	0.0009 U*	0.00123 UJ*	0.00096 UJ*	0.00059 UJ*
METHYL METHACRYLATE	9824.762	98.195	0.00139 UJ	0.00148 UJ	0.00119 U	0.00107 U	0.0016 UJ	0.00112 UJ	0.00111 UJ	0.00111 UJ	0.00106 U	0.00146 UJ	0.00114 UJ	0.00069 UJ
METHYLENE CHLORIDE	392.587	0.013	0.00631 UJ	0.00801 J	0.00542 U	0.00485 U	0.0223 J	0.00509 UJ	0.00504 UJ	0.00747 J	0.00484 U	0.00663 UJ	0.00516 UJ	0.00315 UJ
STYRENE	6675.788	3.255	0.00025 UJ	0.00027 UJ	0.00022 U	0.00019 U	0.00029 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.00019 U	0.00027 UJ	0.00021 UJ	0.00013 UJ
TERT-BUTYL METHYL ETHER	804.687	0.621	0.00077 UJ	0.00082 UJ	0.00066 U	0.00059 U	0.00089 UJ	0.00062 UJ	0.00062 UJ	0.00061 UJ	0.00059 U	0.00081 UJ	0.00063 UJ	0.00038 UJ
TETRACHLOROETHENE (PCE)	103.909	0.050	0.0025 J	0.001 UJ	0.0008 U	0.00072 U	0.00108 UJ	0.00075 UJ	0.00075 UJ	0.00323 J	0.00072 U	0.00098 UJ	0.00076 UJ	0.00047 UJ
TOLUENE	5934.217	8.210	0.00071 UJ	0.00205 J	0.00061 U	0.00054 U	0.00111 J	0.00057 UJ	0.00106 J	0.00056 UJ	0.00054 U	0.00116 J	0.00058 UJ	0.00035 UJ
TRANS-1,2-DICHLOROETHENE	589.544	0.490	0.00063 UJ	0.00067 UJ	0.00054 U	0.00049 U	0.00073 UJ	0.00051 UJ	0.0005 UJ	0.0005 UJ	0.00048 U	0.00066 UJ	0.00052 UJ	0.00032 UJ
TRANS-1,3-DICHLOROPROPENE	36.187	0.036	0.00066 UJ	0.0007 UJ	0.00056 U	0.00051 U	0.00076 UJ	0.00053 UJ	0.00052 UJ	0.00052 UJ	0.0005 U	0.00069 UJ	0.00054 UJ	0.00033 UJ
TRICHLOROETHENE (TCE)	116.968	0.034	0.00035 UJ	0.00038 UJ	0.0003 U	0.00027 U	0.00041 UJ	0.00029 UJ	0.00028 UJ	0.00028 UJ	0.00027 U	0.00037 UJ	0.00029 UJ	0.00018 UJ
TRICHLOROFLUOROMETHANE	15633.379	127.976	0.00063 UJ	0.00067 UJ	0.00054 U	0.00049 U	0.00073 UJ	0.00051 UJ	0.0005 UJ	0.0005 UJ	0.00048 U	0.00066 UJ	0.00052 UJ	0.00032 UJ
VINYL ACETATE	2959.213	53.371	0.00139 UJ	0.00148 UJ	0.00119 R	0.00107 U	0.0016 UJ	0.00112 UJ	0.00111 UJ	0.00111 UJ	0.00106 U	0.00146 UJ	0.00114 UJ	0.00069 UJ
VINYL CHLORIDE	3.697	0.022	0.00076 UJ	0.00081 UJ	0.00065 U	0.00058 U	0.00087 UJ	0.00061 UJ	0.00061 UJ	0.0006 UJ	0.00048 U	0.0008 UJ	0.00062 UJ	0.00038 UJ
XYLENES, TOTAL	NA	NA	0.00045 UJ	0.00164 J	0.00039 U	0.00035 U	0.00052 UJ	0.00037 UJ	0.00095 J	0.00036 UJ	0.00414 J	0.00565 J	0.00037 UJ	0.00023 UJ

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes: U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solic sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated quantity.

H - bias likely high

L- bias likely low

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

***** LCS or LCS exceeds the lab control limits.

b The compound was found in the blank and the sample.

* SB8-0-0.5 is a duplicate of SB-Dup1

** SB6-0-0.5 is a duplicate of SB-Dup2

*** SB6-2-3 is a duplicate of SB-Dup3

NA - Not Applicable.

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-1
Volatile Organic Compounds Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound		Sample ID:	SB15-0-0.5	SB15-2-3	SB16-0-0.5	SB16-2-3	SB17-0-0.5	SB17-2-3	SB18-0-0.5	SB18-2-3	SB2-0-0.5	SB2-2-3	SB3-0-0.5	SB3-2-3	SB4-0-0.5	SB4-2-3
		Collection Date:	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11
1,1,1-TRICHLOROETHANE	52263.732	1.620	0.00076 U	0.00088 U	0.00084 UJ	0.00087 UJ	0.00071 UJ	0.00072 U	0.00075 U	0.00076 U	0.00072 UJ	0.00074 UJ	0.00068 UJ	0.00073 U	0.0008 U	0.00072 U
1,1,2,2-TETRACHLOROETHANE	6.902	0.023	0.00042 U	0.00048 U	0.00045 UJ	0.00047 UJ	0.00039 UJ	0.00039 U	0.00041 U	0.00041 U	0.00039 UJ	0.0004 UJ	0.00037 UJ	0.00039 U	0.00043 U	0.00039 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	387829.550	79819.789	0.00073 U	0.00085 U	0.0008 UJ	0.00084 UJ	0.00068 UJ	0.00069 U	0.00072 U	0.00073 U	0.00069 UJ	0.00071 UJ	0.00065 UJ	0.0007 U	0.00076 U	0.00069 U
1,1,2-TRICHLOROETHANE	18.499	0.020	0.00055 U	0.00063 U	0.0006 UJ	0.00062 UJ	0.00051 UJ	0.00052 U	0.00054 U	0.00054 U	0.00052 UJ	0.00053 UJ	0.00048 UJ	0.00052 U	0.00057 U	0.00051 U
1,1-DICHLOROETHANE	4466.099	18.494	0.00064 U	0.00075 U	0.0007 UJ	0.00074 UJ	0.0006 UJ	0.00061 U	0.00063 U	0.00064 U	0.00061 UJ	0.00062 UJ	0.00057 UJ	0.00061 U	0.00067 U	0.00061 U
1,1-DICHLOROETHENE	2294.633	0.050	0.00368 J	0.00215 J	0.0025 J	0.00113 JH	0.00257 J	0.00476 J	0.00086 JH	0.00263 J	0.0022 J	0.00798	0.00349 J	0.00021 U	0.00079 JH	0.00223 J
1,1-DICHLOROPROPENE	36.187	0.134	0.00057 U	0.00066 U	0.00062 UJ	0.00065 UJ	0.00053 UJ	0.00054 U	0.00056 U	0.00056 U	0.00054 UJ	0.00055 UJ	0.0005 UJ	0.00054 U	0.00059 U	0.00053 U
1,2,3-TRICHLOROBENZENE	193.312	26.288	0.00048 U	0.00056 U	0.00053 UJ	0.00055 UJ	0.00045 UJ	0.00046 U	0.00047 U	0.00048 U	0.00045 UJ	0.00043 UJ	0.00046 U	0.0005 U	0.00045 U	
1,2,3-TRICHLOROPROPANE	0.202	0.001	0.00083 U	0.00096 U	0.00091 UJ	0.00095 UJ	0.00077 UJ	0.00079 U	0.00081 U	0.00082 U	0.00078 UJ	0.0008 UJ	0.00074 UJ	0.00079 U	0.00087 U	0.00078 U
1,2,4-TRIMETHYLBENZENE	131.464	9.706	0.00062 J	0.00071 J	0.00024 UJ	0.00025 UJ	0.00103 J	0.00021 U	0.00021 U	0.00049 J	0.00052 J	0.00126 J	0.00079 J	0.00021 U	0.00023 U	0.00069 J
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.734	0.00021	0.00022 U	0.00025 U	0.00024 UJ	0.00025 UJ	0.0002 UJ	0.00021 U	0.00021 U	0.00022 U	0.00021 UJ	0.00021 UJ	0.00019 UJ	0.00021 U	0.00023 U	0.00021 U
1,2-DICHLOROETHANE	11.419	0.014	0.00057 U	0.00066 U	0.00062 UJ	0.00065 UJ	0.00053 UJ	0.00054 U	0.00056 U	0.00056 U	0.00054 UJ	0.00055 UJ	0.0005 UJ	0.00054 U	0.00059 U	0.00053 U
1,2-DICHLOROPROPANE	60.896	0.023	0.00022 U	0.00025 U	0.00024 UJ	0.00025 UJ	0.0002 UJ	0.00021 U	0.00021 U	0.00022 U	0.00021 UJ	0.00021 UJ	0.00019 UJ	0.00021 U	0.00023 U	0.00021 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	112.520	53.200	0.00023 U	0.00027 U	0.00025 UJ	0.00026 UJ	0.00028 J	0.00022 U	0.00023 U	0.00023 U	0.00022 UJ	0.00039 J	0.0002 UJ	0.00022 U	0.00024 U	0.00022 U
1,3-DICHLOROPROPANE	36.187	0.064	0.00026 U	0.0003 U	0.00029 UJ	0.0003 UJ	0.00024 UJ	0.00025 U	0.00026 U	0.00026 U	0.00025 UJ	0.00025 UJ	0.00023 UJ	0.00025 U	0.00027 U	0.00025 U
1,4-DIOXANE (P-DIOXANE)	552.066	0.161	0.0437 U	0.0505 U	0.0477 UJ	0.0499 UJ	0.0406 UJ	0.0414 U	0.0428 U	0.0433 U	0.0413 UJ	0.0423 UJ	0.0387 UJ	0.0415 U	0.0456 U	0.0411 U
2,2-DICHLOROPROPANE	60.896	0.121	0.00092 U	0.00106 U	0.001 UJ	0.00105 UJ	0.00085 UJ	0.00087 U	0.0009 U	0.00091 U	0.00087 UJ	0.00089 UJ	0.00081 UJ	0.00087 U	0.00096 U	0.00086 U
2-HEXANONE	273.766	0.323	0.00131 U*	0.00152 U*	0.00143 UJ*	0.0015 UJ	0.00122 UJ	0.00124 U	0.00128 U	0.0013 U*	0.00124 UJ*	0.00127 UJ	0.00116 UJ*	0.00124 U	0.00137 U	0.00123 U*
2-NITROPROPANE	0.133	0.007	0.00057 U*	0.00066 U*	0.00062 UJ*	0.00065 UJ	0.00053 UJ	0.00054 U	0.00056 U	0.00056 U*	0.00054 UJ*	0.00055 UJ	0.0005 UJ*	0.00054 U	0.00059 U	0.00053 U*
ACETONE	9849.526	42.742	0.0268 U	0.00923 J	0.0168 UJ	0.0143 J	0.0073 UJ	0.00745 U	0.0168 JH	0.0127 U	0.00743 UJ	0.00761 UJ	0.00696 UJ	0.00962 JH	0.0129 JH	0.0074 U
ACETONITRILE	869.476	1.516	0.0404 U	0.0467 U	0.0441 UJ	0.0461 UJ	0.0375 UJ	0.0383 U	0.0396 U	0.04 U	0.0382 UJ	0.0391 UJ	0.0358 UJ	0.0384 U	0.0422 U	0.038 U
BENZENE	65.794	0.026	0.00025 U	0.00029 U	0.00027 UJ	0.00029 UJ	0.00031 J	0.00024 U	0.00025 U	0.00025 U	0.00024 UJ	0.00024 UJ	0.00022 UJ	0.00024 U	0.00026 U	0.00024 U
BROMODICHLOROMETHANE	97.947	0.065	0.00022 U	0.00025 U	0.00024 UJ	0.00025 UJ	0.0002 UJ	0.00021 U	0.00021 U	0.00022 U	0.00021 UJ	0.00021 UJ	0.00019 UJ	0.00021 U	0.00023 U	0.00021 U
BROMOFORM	400.942	0.631	0.00056 U	0.00064 U	0.00061 UJ	0.00064 UJ	0.00052 UJ	0.00053 U	0.00055 U	0.00055 U	0.00053 UJ	0.00054 UJ	0.00049 UJ	0.00053 U	0.00058 U	0.00052 U
BROMOMETHANE	45.977	0.131	0.0012 U	0.00139 U	0.00131 UJ	0.00137 UJ	0.00112 UJ	0.00114 U	0.00118 U	0.00119 U	0.00113 UJ	0.00116 UJ	0.00106 UJ	0.00114 U	0.00125 U	0.00113 U
CARBON DISULFIDE	4647.647	13.584	0.0008 U	0.00092 U	0.00087 UJ	0.00091 UJ	0.00074 UJ	0.00076 U	0.00078 U	0.00079 U	0.00075 UJ	0.00077 UJ	0.00071 UJ	0.00076 U	0.00083 U	0.00075 U
CARBON TETRACHLORIDE	15.802	0.062	0.00056 U	0.00064 U	0.00061 UJ	0.00064 UJ	0.00052 UJ	0.00053 U	0.00055 U	0.00055 U	0.00053 UJ	0.00054 UJ	0.00049 UJ	0.00053 U	0.00058 U	0.00052 U
CHLOROBENZENE	522.637	1.092	0.00025 U	0.00029 U	0.00027 UJ	0.00029 UJ	0.00023 UJ	0.00024 U	0.00025 U	0.00025 U	0.00024 UJ	0.00024 UJ	0.00022 UJ	0.00024 U	0.00026 U	0.00024 U
CHLOROETHANE	26998.229	30.901	0.00028 U	0.00033 U	0.00031 UJ	0.00032 UJ	0.00026 UJ	0.00027 U	0.00028 U	0.00028 U	0.00027 UJ	0.00028 UJ	0.00025 UJ	0.00027 U	0.0003 U	0.00027 U
CHLOROFORM	15.573	1.019	0.00095 U	0.0011 U	0.00104 UJ	0.00108 UJ	0.00088 UJ	0.0009 U	0.00093 U	0.00094 U	0.0009 UJ	0.00092 UJ	0.00084 UJ	0.0009 U	0.00099 U	0.00089 U
CHLOROMETHANE	139.546	0.405	0.00131 U	0.00152 U	0.00143 UJ	0.0015 UJ	0.00122 UJ	0.00124 U	0.00128 U	0.0013 U	0.00124 UJ	0.00127 UJ	0.00116 UJ	0.00124 U	0.00137 U	0.00123 U
CIS-1,2-DICHLOROETHENE	767.370	0.248	0.00062 U	0.00072 U	0.00068 UJ	0.00071 UJ	0.00058 UJ	0.00059 U	0.00061 U	0.00062 U	0.00059 UJ	0.0006 UJ	0.00055 UJ	0.00059 U	0.00065 U	0.00059 U
CIS-1,3-DICHLOROPROPENE	7.586	0.007	0.00022 U	0.00025 U	0.00024 UJ	0.00025 UJ	0.0002 UJ	0.00021 U	0.00021 U	0.00022 U	0.00021 UJ	0.00021 UJ	0.00019 UJ	0.00021 U	0.00023 U	0.00021 U
DIBROMOCHLOROMETHANE	72.294	0.049	0.0007 U	0.00081 U	0.00076 UJ	0.0008 UJ	0.00065 UJ	0.00066 U	0.00069 U	0.00069 U	0.00066 UJ	0.00068 UJ	0.00062 UJ	0.00066 U	0.00073 U	0.00066 U
DIBROMOMETHANE	256.542	1.129	0.00078 U	0.0009 U	0.00085 UJ	0.00089 UJ	0.00072 UJ	0.00074 U	0.00076 U	0.00077 U	0.00073 UJ	0.00075 UJ	0.00069 UJ	0.00074 U	0.00081 U	0.00073 U
DICHLORODIFLUOROMETHANE	13475.176	239.495	0.0008 U	0.00092 U	0.00087 UJ	0.00091 UJ	0.00074 UJ	0.00076 U	0.00078 U	0.00079 U	0.00075 UJ	0.00077 UJ	0.00071 UJ	0.00076 U	0.00083 U	0.00075 U
DIETHYL ETHER (ETHYL ETHER)	8704.141	11.182	0.00022 U	0.00025 U	0.00024 UJ	0.00025 UJ	0.0002 UJ	0.00021 U	0.00021 U	0.00022 U	0.00021 UJ	0.00021 UJ	0.00019 UJ	0.00021 U	0.00023 U	0.00021 U
ETHYL ACETATE	17522.195	47.077	0.00131 U	0.00152 U	0.00143 UJ	0.0015 UJ	0.00122 UJ	0.00124 U	0.00128 U	0.0013 U	0.00124 UJ	0.00127 UJ	0.00116 UJ	0.00124 U	0.00137 U	0.00123 U
ETHYL METHACRYLATE	4532.347	7.508	0.00056 U*	0.00064 U	0.00061 UJ*	0.00064 UJ	0.00052 UJ	0.00053 U	0.00055 U	0.00055 U*	0.00053 UJ	0.00054 UJ	0.00049 UJ*	0.00053 U	0.00058 U	0.00052 U
ETHYLBENZENE	5340.626	7.630	0.00024 U	0.00028 U	0.00026 UJ	0.00027 UJ	0.00022 UJ	0.00023 U	0.00024 U	0.00024 U	0.00023 UJ	0.00042 J	0.00021 UJ	0.00023 U	0.00025 U	0.00023 U
IODOMETHANE (METHYL IODIDE)	70.671	0.114	0.00087 U	0.00101 U	0.00095 UJ	0.001 UJ	0.00081 UJ	0.00083 U	0.00086 U	0.00087 U	0.00083 UJ	0.00085 UJ	0.00077 UJ	0.00083 U	0.00091 U	0.00082 U
METHYL ETHYL KETONE (2-BUTANONE)	34376.034	29.287	0.00109 U	0.00126 U	0.00119 UJ	0.00125 UJ	0.00101 UJ	0.00103 U	0.00107 U	0.00108 U	0.00103 UJ	0.00106 UJ	0.00097 UJ	0.00104 U	0.00114 U	0.00103 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5885.579	4.949	0.00101 U*	0.00117 U*	0.00111 UJ*	0.00116 UJ	0.00094 UJ	0.00096 U	0.001 U	0.00101 U*	0.00096 UJ*	0.00098 UJ	0.0009 UJ*	0.00096 U	0.00106 U	0.00096 U*
METHYL METHACRYLATE	9824.762	98.195	0.0012 U	0.00139 U	0.00131 UJ	0.00137 UJ	0.00112 UJ	0.00114 U	0.00118 U	0.00119 U	0.00113 UJ	0.00116 UJ	0.00106 UJ	0.00114 U	0.00125 U	0.00113 U
METHYLENE CHLORIDE	392.587	0.013	0.00546 U	0.00632 U	0.00596 UJ	0.00623 UJ	0.00553 J	0.00517 U	0.00535 U	0.00541 U	0.00516 UJ	0.00739 J	0.00567 J	0.00518 U	0.0057 U	0.00514 U
STYRENE	6675.788	3.255	0.00022 U	0.00025 U	0.00024 UJ	0.00025 UJ	0.0002 UJ	0.00021 U	0.00021 U	0.00022 U	0.00021 UJ	0.00021 UJ	0.00019 UJ	0.00021 U	0.00023 U	0.00021 U
TERT-BUTYL METHYL ETHER	804.687	0.621	0.00067 U	0.00077 U	0.00073 UJ	0.00076 UJ	0.00062 UJ	0.00063 U	0.00065 U	0.00066 U	0.00063 UJ	0.00065 UJ	0.00059 UJ	0.00063 U	0.0007 U	0.00063 U
TETRACHLOROETHENE (PCE)	103.909	0.050	0.00081 U	0.00094 U	0.00088 UJ	0.00092 UJ	0.00075 UJ	0.00077 U	0.00079 U	0.0008 U	0.00076 UJ	0.00426 J	0.00072 UJ	0.00077 U	0.00084 U	0.00076 U
TOLUENE	5934.217	8.210	0.00061 U	0.00071 U	0.00067 UJ	0.0007 UJ	0.00057 UJ	0.00099 J	0.0006 U	0.00061 U	0.00074 J	0.00272 J	0.00069 J	0.00058 U	0.00064 U	0.00058 U
TRANS-1,2-DICHLOROETHENE	589.544	0.490	0.00055 U	0.00063 U	0.0006 UJ	0.00062 UJ	0.00051 UJ	0.00052 U	0.00054 U	0.00054 U	0.00052 UJ	0.00053 UJ	0.00048 UJ	0.00052 U	0.00057 U	0.00051 U
TRANS-1,3-DICHLOROPROPENE	36.187	0.036	0.00057 U	0.00066 U	0.00062 UJ	0.00065 UJ	0.00053 UJ*	0.00054 U	0.00056 U	0.00056 U	0.00054 UJ	0.00055 UJ	0.0005 UJ	0.00054 U	0.00059 U	0.00053 U
TRICHLOROETHENE (TCE)	116.968	0.034	0.00031 U	0.00035 U	0.00033 UJ	0.00035 UJ	0.00028 UJ	0.00029 U	0.0003 U	0.0003 U	0.00029 UJ	0.0003 UJ	0.00027 UJ	0.00029 U	0.00032 U	0.00029 U
TRICHLOROFLUOROMETHANE	15633.379	127.976	0.00055 U	0.00063 U	0.0006 UJ	0.00062 UJ	0.00051 UJ	0.00052 U	0.00054 U	0.00054 U	0.00052 UJ	0.00053 UJ	0.00048 UJ	0.00052 U	0.00057 U	0.00051 U
VINYL ACETATE	2959.213	53.371	0.0012 U	0.00139 U	0.00131 UJ	0.00137 UJ	0.00112 UJ	0.00114 U	0.00118 U	0.00119 U	0.00113 UJ	0.00116 UJ	0.00106 UJ	0.00114 U	0.00125 U	0.00113 U
VINYL CHLORIDE	3.697	0.022	0.00066 U	0.00076 U	0.00072 UJ	0.00075 UJ	0.00061 UJ	0.00062 U	0.00064 U	0.00065 U	0.00062 UJ	0.00063 UJ	0.00058 UJ	0.00062 U	0.00068 U	0.00062 U
XYLENES, TOTAL	NA	NA	0.00039 U	0.00084 J	0.00043 UJ	0.00045 UJ	0.00084 J	0.00037 U	0.00039 U	0.00039 U	0.00037 UJ	0.00203 J	0.00077 J	0.00037 U	0.00073 JH	0.00037 U

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes: **U -** The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated quantity.

H - bias likely high

L- bias likely low

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

***** LCS or LCS exceeds the lab control limits.

b The compound was found in the blank and the sample.

* SB8-0-0.5 is a duplicate of SB-Dup1

** SB6-0-0.5 is a duplicate of SB-Dup2

*** SB6-2-3 is a duplicate of SB-Dup3

NA - Not Applicable.

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-1
Volatile Organic Compounds Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound			Sample ID:	SB5-0-0.5	SB5-2-3	SB6-0-0.5**	SBDUP-2**	SB6-2-3***	SBDUP-3***	SB7-0-0.5	SB7-2-3	SB8-0-0.5*	SBDUP1*	SB8-2-3	SB9-0-0.5	SB9-2-3
			Collection Date:	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/20/11	01/20/11	01/20/11	01/21/11	01/21/11
1,1,1-TRICHLOROETHANE	52263.732	1.620		0.00067 UJ	0.00073 U	0.00057 UJ	0.00061 UJ	0.00068 U	0.00065 U	0.00067 U	0.00054 U	0.0007 U	0.00063 UJ	0.00066 U	0.00059 U	0.00075 U
1,1,2,2-TETRACHLOROETHANE	6.902	0.023		0.00036 UJ	0.0004 U	0.00031 UJ	0.00033 UJ	0.00037 U	0.00035 U	0.00036 U	0.00029 U	0.00038 U	0.00034 U	0.00036 U	0.00032 U	0.00041 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	387829.550	79819.789		0.00064 UJ	0.0007 U	0.00055 UJ	0.00058 UJ	0.00065 U	0.00062 U	0.00064 U	0.00052 U	0.00067 U	0.00061 UJ	0.00064 U	0.00056 U	0.00072 U
1,1,2-TRICHLOROETHANE	18.499	0.020		0.00048 UJ	0.00052 U	0.00041 UJ	0.00044 UJ	0.00048 U	0.00047 U	0.00048 U	0.00039 U	0.0005 U	0.00045 UJ	0.00047 U	0.00042 U	0.00053 U
1,1-DICHLOROETHANE	4466.099	18.494		0.00057 UJ	0.00061 U	0.00048 UJ	0.00051 UJ	0.00057 U	0.00055 U	0.00056 U	0.00046 U	0.00059 U	0.00053 UJ	0.00056 U	0.00049 U	0.00063 U
1,1-DICHLOROETHENE	2294.633	0.050		0.00043 J	0.002 J	0.00083 J	0.00187 J	0.00333 J	0.00439 J	0.00091 J	0.00016 U	0.00423 J	0.00217 J	0.00455 J	0.00977	0.00067 J
1,1-DICHLOROPROPENE	36.187	0.134		0.0005 UJ	0.00054 U	0.00042 UJ	0.00045 UJ*	0.0005 U	0.00048 U	0.0005 U	0.0004 U	0.00052 U	0.00047 UJ	0.00049 U	0.00044 U	0.00056 U
1,2,3-TRICHLOROBENZENE	193.312	26.288		0.00042 UJ	0.00046 U	0.00036 UJ	0.00038 UJ	0.00042 U	0.00041 U	0.00042 U	0.00034 U	0.0004 U	0.0004 UJ	0.00042 U	0.00037 U	0.00047 U
1,2,3-TRICHLOROPROPANE	0.202	0.001		0.00073 UJ	0.00079 U	0.00062 UJ	0.00066 UJ	0.00073 U	0.00071 U	0.00073 U	0.00059 U	0.00076 U	0.00069 UJ	0.00072 U	0.00064 U	0.00081 U
1,2,4-TRIMETHYLBENZENE	131.464	9.706		0.00019 UJ	0.0005 J	0.00068 J	0.00062 J	0.00019 U	0.00041 J	0.00105 J	0.00016 U	0.00092 J	0.00198 J	0.00073 J	0.00052 JH	0.00021 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.734	0.00021		0.00019 UJ	0.00021 U	0.00016 UJ	0.00017 UJ	0.00019 U	0.00019 U	0.00019 U	0.00016 U	0.0002 U	0.00018 UJ	0.00019 U	0.00017 U	0.00021 U
1,2-DICHLOROETHANE	11.419	0.014		0.0005 UJ	0.00054 U	0.00042 UJ	0.00045 UJ	0.0005 U	0.00048 U	0.0005 U	0.0004 U	0.00052 U	0.00047 UJ	0.00049 U	0.00044 U	0.00056 U
1,2-DICHLOROPROPANE	60.896	0.023		0.00019 UJ	0.00021 U	0.00016 UJ	0.00017 UJ	0.00019 U	0.00019 U	0.00019 U	0.00016 U	0.0002 U	0.00018 UJ	0.00019 U	0.00017 U	0.00021 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	112.520	53.200		0.0002 UJ	0.00022 U	0.00017 UJ	0.00023 J	0.0002 U	0.0002 U	0.00035 J	0.00016 U	0.00035 J	0.00049 J	0.0002 U	0.00018 U	0.00022 U
1,3-DICHLOROPROPANE	36.187	0.064		0.00023 UJ	0.00025 U	0.0002 UJ	0.00021 UJ	0.00023 U	0.00022 U	0.00023 U	0.00019 U	0.00024 U	0.00022 UJ	0.00023 U	0.0002 U	0.00026 U
1,4-DIOXANE (P-DIOXANE)	552.066	0.161		0.0383 UJ	0.0416 U	0.0325 UJ	0.0348 UJ	0.0386 U	0.0372 U	0.0382 U	0.031 U	0.0399 U	0.0361 UJ	0.0379 U	0.0335 U	0.0428 U
2,2-DICHLOROPROPANE	60.896	0.121		0.00081 UJ	0.00087 U	0.00068 UJ	0.00073 UJ	0.00081 U	0.00078 U	0.0008 U	0.00065 U	0.00084 U	0.00076 UJ	0.0008 U	0.0007 U	0.0009 U
2-HEXANONE	273.766	0.323		0.00115 UJ*	0.00125 U	0.00098 UJ*	0.00104 UJ	0.00116 U	0.00112 U	0.00115 UJ*	0.00093 U*	0.0012 U*	0.00108 UJ*	0.00114 U*	0.001 U	0.00128 U*
2-NITROPROPANE	0.133	0.007		0.0005 UJ	0.00054 U	0.00042 UJ*	0.00045 UJ*	0.0005 U	0.00048 U	0.0005 U*	0.0004 U	0.00052 U*	0.00047 UJ*	0.00049 U*	0.00044 U	0.00056 U*
ACETONE	9849.526	42.742		0.0069 UJ	0.00748 U	0.00586 UJ	0.00627 UJ	0.00695 U	0.0067 U	0.00688 U	0.0104 J	0.00718 U	0.0168 UJ	0.00683 U	0.00603 U	0.0077 U
ACETONITRILE	869.476	1.516		0.0354 UJ	0.0384 U	0.0301 UJ	0.0322 UJ	0.0357 U	0.0344 U	0.0354 UJ	0.0287 U	0.0369 U	0.0334 UJ	0.0351 U	0.031 U	0.0395 U
BENZENE	65.794	0.026		0.00022 UJ	0.00024 U	0.00019 UJ	0.0002 UJ	0.00022 U	0.00021 U	0.00022 U	0.00018 U	0.00023 U	0.00038 J	0.00022 U	0.00029 J	0.00025 U
BROMODICHLOROMETHANE	97.947	0.065		0.00019 UJ	0.00021 U	0.00016 UJ	0.00017 UJ	0.00019 U	0.00019 U	0.00019 U	0.00016 U	0.0002 U	0.00018 UJ	0.00019 U	0.00017 U	0.00021 U
BROMOFORM	400.942	0.631		0.00049 UJ	0.00053 U	0.00042 UJ	0.00044 UJ	0.00049 U	0.00047 U	0.00049 U	0.0004 U	0.00051 U	0.00046 UJ	0.0004 U	0.00043 U	0.00055 U
BROMOMETHANE	45.977	0.131		0.00105 UJ	0.00114 U	0.0009 UJ	0.00096 UJ	0.00106 U	0.00102 U	0.00105 U	0.00085 U	0.0011 U	0.00099 UJ	0.00104 U	0.00092 U	0.00118 U
CARBON DISULFIDE	4647.647	13.584		0.0007 UJ	0.00076 U	0.00059 UJ	0.00064 UJ	0.0007 U	0.00068 U	0.0007 U	0.00057 U	0.00073 U	0.00066 UJ	0.00069 U	0.00061 U	0.00078 U
CARBON TETRACHLORIDE	15.802	0.062		0.00049 UJ	0.00053 U	0.00042 UJ	0.00044 UJ	0.00049 U	0.00047 U	0.00049 U	0.0004 U	0.00051 U	0.00046 UJ	0.00048 U	0.00043 U	0.00055 U
CHLOROBENZENE	522.637	1.092		0.00022 UJ	0.00024 U	0.00019 UJ	0.0002 UJ	0.00022 U	0.00021 U	0.00022 U	0.00018 U	0.00023 U	0.00021 UJ	0.00022 U	0.00019 U	0.00025 U
CHLOROETHANE	26998.229	30.901		0.00025 UJ	0.00027 U	0.00021 UJ	0.00023 UJ	0.00025 U	0.00024 U	0.00025 U	0.0002 U	0.00026 U	0.00024 UJ	0.00025 U	0.00022 U	0.00028 U
CHLOROFORM	15.573	1.019		0.00083 UJ	0.0009 U	0.00071 UJ	0.00076 UJ	0.00084 U	0.00081 U	0.00083 U	0.00067 U	0.00087 U	0.00079 UJ	0.00083 U	0.00073 U	0.00093 U
CHLOROMETHANE	139.546	0.405		0.00115 UJ	0.00125 U	0.00098 UJ	0.00104 UJ	0.00116 U	0.00112 U	0.00115 U	0.00093 U	0.0012 U	0.00108 UJ	0.00114 U	0.001 U	0.00128 U
CIS-1,2-DICHLOROETHENE	767.370	0.248		0.00055 UJ	0.00059 U	0.00046 UJ	0.0005 UJ	0.00055 U	0.00053 U	0.00055 U	0.00044 U	0.00057 U	0.00052 UJ	0.00054 U	0.00048 U	0.00061 U
CIS-1,3-DICHLOROPROPENE	7.586	0.007		0.00019 UJ	0.00021 U	0.00016 UJ	0.00017 UJ	0.00019 U	0.00019 U	0.00019 U	0.00016 U	0.0002 U	0.00018 UJ	0.00019 U	0.00017 U	0.00021 U
DIBROMOCHLOROMETHANE	72.294	0.049		0.00061 UJ	0.00067 U	0.00052 UJ	0.00056 UJ	0.00062 U	0.0006 U	0.00061 U	0.0005 U	0.00064 U	0.00058 UJ	0.00061 U	0.00054 U	0.00068 U
DIBROMOMETHANE	256.542	1.129		0.00068 UJ	0.00074 U	0.00058 UJ	0.00062 UJ	0.00069 U	0.00066 U	0.00068 U	0.00055 U	0.00071 U	0.00064 UJ	0.00067 U	0.00059 U	0.00076 U
DICHLORODIFLUOROMETHANE	13475.176	239.495		0.0007 UJ	0.00076 U	0.00059 UJ	0.00064 UJ	0.0007 U	0.00068 U	0.0007 U	0.00057 U	0.00073 U	0.00066 UJ	0.00069 U	0.00061 U	0.00078 U
DIETHYL ETHER (ETHYL ETHER)	8704.141	11.182		0.00019 UJ	0.00021 U	0.00016 UJ	0.00017 UJ	0.00019 U	0.00019 U	0.00019 U	0.00016 U	0.0002 U	0.00018 UJ	0.00019 U	0.00017 U	0.00021 U
ETHYL ACETATE	17522.195	47.077		0.00115 UJ	0.00125 U	0.00098 UJ	0.00104 UJ	0.00116 U	0.00112 U	0.00115 U	0.00093 U	0.0012 U	0.00108 UJ	0.00114 U	0.001 U	0.00128 U
ETHYL METHACRYLATE	4532.347	7.508		0.00049 UJ	0.00053 U	0.00042 UJ	0.00044 UJ	0.00049 U	0.00047 U	0.00049 U*	0.0004 U	0.00051 U*	0.00046 UJ*	0.00048 U*	0.00043 U	0.00055 U
ETHYLBENZENE	5340.626	7.630		0.00021 UJ	0.00023 U	0.00021 J	0.00019 UJ	0.00021 U	0.00021 U	0.00017 U	0.00022 U	0.00041 J	0.00031 J	0.00018 U	0.00024 U
IODOMETHANE (METHYL IODIDE)	70.671	0.114		0.00077 UJ	0.00083 U	0.00065 UJ	0.0007 UJ	0.00077 U	0.00074 U	0.00077 U	0.00062 U	0.0008 U	0.00072 UJ	0.00076 U	0.00067 U	0.00086 U
METHYL ETHYL KETONE (2-BUTANONE)	34376.034	29.287		0.00096 UJ	0.00104 U	0.00081 UJ	0.00087 UJ	0.00097 U	0.00093 U	0.00096 U	0.00078 U	0.001 U	0.0009 UJ	0.00095 U	0.00084 U	0.00107 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5885.579	4.949		0.00089 UJ	0.00097 U	0.00076 UJ*	0.00081 UJ*	0.0009 U	0.00087 U	0.00089 U*	0.00072 U	0.00093 U*	0.00084 UJ*	0.00088 U*	0.00078 U	0.00099 U*
METHYL METHACRYLATE	9824.762	98.195		0.00105 UJ	0.00114 U	0.0009 UJ	0.00096 UJ	0.00106 U	0.00102 U	0.00105 U	0.00085 U	0.0011 U	0.00099 UJ	0.00104 U	0.00092 U	0.00118 U
METHYLENE CHLORIDE	392.587	0.013		0.00479 UJ	0.0052 U	0.00407 UJ	0.00435 UJ	0.00482 U	0.00465 U	0.00478 U	0.00387 U	0.00498 U	0.00451 UJ	0.00474 U	0.00452 J	0.00534 U
STYRENE	6675.788	3.255		0.00019 UJ	0.00021 U	0.00016 UJ	0.00017 UJ	0.00019 U	0.00019 U	0.00019 U	0.00016 U	0.0002 U	0.00018 UJ	0.00019 U	0.00017 U	0.00021 U
TERT-BUTYL METHYL ETHER	804.687	0.621		0.00058 UJ	0.00063 U	0.0005 UJ	0.00053 UJ	0.00059 U	0.00057 U	0.00058 U	0.00047 U	0.00061 U	0.00055 UJ	0.00058 U	0.00051 U	0.00065 U
TETRACHLOROETHENE (PCE)	103.909	0.050		0.00109 J	0.00077 U	0.0006 UJ	0.00064 UJ	0.00071 U	0.00069 U	0.00071 U	0.00057 U	0.00074 U	0.00067 UJ	0.0007 U	0.00062 U	0.00079 U
TOLUENE	5934.217	8.210		0.00054 UJ	0.00058 U	0.00052 J	0.00054 J	0.00054 U	0.00052 U	0.00054 U	0.00043 U	0.00091 J	0.00178 J	0.0018 J	0.00104 J	0.0006 U
TRANS-1,2-DICHLOROETHENE	589.544	0.490		0.00048 UJ	0.00052 U	0.00041 UJ	0.00044 UJ	0.00048 U	0.00047 U	0.00048 U	0.00039 U	0.0005 U	0.00045 UJ	0.00047 U	0.00042 U	0.00053 U
TRANS-1,3-DICHLOROPROPENE	36.187	0.036		0.0005 UJ	0.00054 U	0.00042 UJ	0.00045 UJ	0.0005 U	0.00048 U	0.0005 U	0.0004 U	0.00052 U	0.00047 UJ	0.00049 U	0.00044 UJ*	0.00056 U
TRICHLOROETHENE (TCE)	116.968	0.034		0.00027 UJ	0.00029 U	0.00023 UJ	0.00024 UJ	0.00027 U	0.00026 U	0.00027 U	0.00022 U	0.00028 U	0.00025 UJ	0.00027 U	0.00023 U	0.0003 U
TRICHLOROFLUOROMETHANE	15633.379	127.976		0.00048 UJ	0.00052 U	0.00041 UJ	0.00044 UJ	0.00048 U	0.00047 U	0.00048 U	0.00039 U	0.0005 U	0.00045 UJ	0.00047 U	0.00042 U	0.00053 U
VINYL ACETATE	2959.213	53.371		0.00105 UJ	0.00114 U	0.0009 UJ	0.00096 UJ	0.00106 U	0.00102 U	0.00105 U	0.00085 U	0.0011 U	0.00099 UJ	0.00104 U	0.00092 U	0.00118 U
VINYL CHLORIDE	3.697	0.022		0.00058 UJ	0.00062 U	0.00049 UJ	0.00052 UJ	0.00058 U	0.00056 U	0.00057 U	0.00047 U	0.0006 U	0.00054 UJ	0.00057 U	0.0005 U	0.00064 U
XYLENES, TOTAL	NA	NA		0.00035 UJ	0.00037 U	0.00075 J	0.00062 J	0.00035 U	0.00034 U	0.00096 J	0.00028 U	0.00084 J	0.00212 J	0.00138 J	0.00074 J	0.00039 U

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes:
U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.
J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated quantity.
H - bias likely high
L- bias likely low
BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area
BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area
***** LCS or LCS exceeds the lab control limits.
b The compound was found in the blank and the sample.

* SB8-0-0.5 is a duplicate of SB-Dup1
** SB6-0-0.5 is a duplicate of SB-Dup2
*** SB6-2-3 is a duplicate of SB-Dup3
NA - Not Applicable.
All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-2
Semi-Volatile Organic Compounds and Total Petroleum Hydrocarbons Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound		Sample ID:	SB1-0-0.5	SB10-0-0.5	SB10-2-3	SB11-0-0.5	SB11-2-3	SB12-0-0.5	SB12-2.3	SB1-2-3	SB13-0-0.5	SB13-2-3	SB14-0-0.5	SB14-2-3
		Collection Date:	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11
Semi-Volatile Organic Compounds														
1,2,4-TRICHLOROBENZENE	123.042	4.791	0.0554 U	0.0549 U	0.0502 UJ	0.0484 U	0.0537 U	0.0516 U	0.051 U	0.0556 U	0.0488 U	0.0537 U	0.0533 U	0.051 U
1,2-DICHLOROBENZENE	719.824	17.885	0.0632 U	0.0626 U	0.0573 UJ	0.0552 U	0.0612 U	0.0589 U	0.0582 U	0.0633 U	0.0557 U	0.0612 U	0.0607 U	0.0582 U
1,3-DICHLOROBENZENE	116.960	6.746	0.0531 U	0.0526 U	0.0481 UJ	0.0464 U	0.0515 U	0.0495 U	0.0489 U	0.0532 U	0.0468 U	0.0514 U	0.051 U	0.0489 U
1,4-DICHLOROBENZENE	253.030	2.103	0.0555 U	0.055 U	0.0503 UJ	0.0485 U	0.0538 U	0.0517 U	0.0511 U	0.0557 U	0.0489 U	0.0538 U	0.0534 U	0.0512 U
2,4,5-TRICHLOROPHENOL	5069.209	33.819	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
2,4,6-TRICHLOROPHENOL	66.565	0.175	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
2,4-DICHLOROPHENOL	196.736	0.352	0.0276 U	0.0274 U	0.0251 UJ	0.0241 U	0.0268 U	0.0258 U	0.0255 U	0.0277 U	0.0244 U	0.0268 U	0.0266 U	0.0255 U
2,4-DIMETHYLPHENOL	1053.317	3.234	0.0247 U	0.0245 U	0.0224 UJ	0.0216 U	0.024 U	0.023 U	0.0228 U	0.0248 U	0.0218 U	0.024 U	0.0238 U	0.0228 U
2,4-DINITROPHENOL	133.131	0.094	0.121 U	0.12 U	0.11 UJ	0.106 U	0.118 U	0.113 U	0.112 U	0.122 U	0.107 U	0.117 U	0.117 U	0.112 U
2,4-DINITROTOLUENE	6.909	0.005	0.0606 U	0.0601 U	0.055 U	0.0529 U	0.0588 U	0.0565 U	0.0558 U	0.0608 U	0.0534 U	0.0587 U	0.0583 U	0.0558 U
2,6-DINITROTOLUENE	6.909	0.005	0.0606 U	0.0601 U	0.055 U	0.0529 U	0.0588 U	0.0565 U	0.0558 U	0.0608 U	0.0534 U	0.0587 U	0.0583 U	0.0558 U
2-CHLORONAPHTHALENE	5042.017	669.584	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
2-CHLOROPHENOL	384.484	1.632	0.0337 U	0.0334 U	0.0306 UJ	0.0294 U	0.0327 U	0.0314 U	0.031 U	0.0338 U	0.0297 U	0.0327 U	0.0324 U	0.031 U
2-METHYLNAPHTHALENE	252.101	17.067	0.0377 U	0.0374 U	0.0342 U	0.0329 U	0.0366 U	0.0351 U	0.0347 U	0.0378 U	0.243 J	0.681	0.0362 U	0.0347 U
2-METHYLPHENOL (O-CRESOL)	1529.390	7.119	0.04 U	0.0397 U	0.0363 UJ	0.0349 U	0.0388 U	0.0373 U	0.0368 U	0.0401 U	0.0353 U	0.0388 U	0.0385 U	0.0369 U
2-NITROANILINE	14.069	0.022	0.0269 U	0.0267 U	0.0244 U	0.0235 U	0.0261 U	0.0251 U	0.0248 U	0.027 U	0.0237 U	0.0261 U	0.0259 U	0.0248 U
2-NITROPHENOL	114.174	0.135	0.0206 U	0.0204 U	0.0187 UJ	0.018 U	0.02 U	0.0192 U	0.019 U	0.0207 U	0.0182 U	0.02 U	0.0198 U	0.019 U
3,3'-DICHLOROBENZIDINE	10.441	0.063	0.202 U	0.201 U	0.184 U	0.177 U	0.196 U	0.189 U	0.186 U	0.203 U	0.178 U	0.196 U	0.195 U	0.187 U
3-NITROANILINE	19.534	0.026	0.121 U	0.12 U	0.11 U	0.106 U	0.118 U	0.113 U	0.112 U	0.122 U	0.107 U	0.117 U	0.117 U	0.112 U
4,6-DINITRO-2-METHYLPHENOL	5.832	0.005	0.0606 U	0.0601 U	0.055 UJ	0.0529 U	0.0588 U	0.0565 U	0.0558 U	0.0608 U	0.0534 U	0.0587 U	0.0583 U	0.0558 U
4-BROMOPHENYL PHENYL ETHER	0.276	0.353	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
4-CHLORO-3-METHYLPHENOL	329.615	4.528	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
4-CHLOROANILINE	23.492	0.021	0.121 U	0.12 U	0.11 U	0.106 U	0.118 U	0.113 U	0.112 U	0.122 U	0.107 U	0.117 U	0.117 U	0.112 U
4-CHLOROPHENYL PHENYL ETHER	0.163	0.032	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
4-NITROANILINE	218.105	0.108	0.121 U	0.12 U	0.11 U	0.106 U	0.118 U	0.113 U	0.112 U	0.122 U	0.107 U	0.117 U	0.117 U	0.112 U
4-NITROPHENOL	73.002	0.100	0.121 U	0.12 U	0.11 U	0.106 U	0.118 U	0.113 U	0.112 U	0.122 U	0.107 U	0.117 U	0.117 U	0.112 U
ACENAPHTHENE	2965.473	236.366	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
ACENAPHTHENE	3781.513	408.660	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
ANTHRACENE	17744.113	6889.841	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
BENZO(A)ANTHRACENE	5.653	17.743	0.0202 U	0.0249 J	0.0184 U	0.0177 U	0.0511 J	0.0189 U	0.0251 J	0.0203 U	0.0178 U	0.0258 J	0.0195 U	0.0187 U
BENZO(A)PYRENE	0.564	7.640	0.0202 U	0.0358 J	0.0184 U	0.0177 U	0.0808 J	0.0189 U	0.0422 J	0.0203 U	0.0178 U	0.0446 J	0.0195 U	0.0187 U
BENZO(B)FLUORANTHENE	5.713	60.116	0.0202 U	0.0506 J	0.0184 U	0.0177 U	0.149 J	0.0189 U	0.0731 J	0.0203 U	0.0178 U	0.0945 J	0.0195 U	0.0187 U
BENZO(G,H,I)PERYLENE	1780.341	46486.868	0.0202 U	0.0259 J	0.0184 U	0.0177 U	0.0791 J	0.0189 U	0.0449 J	0.0203 U	0.0178 U	0.0747 J	0.0195 U	0.0187 U
BENZO(K)FLUORANTHENE	57.232	615.159	0.0202 U	0.0209 J	0.0184 U	0.0177 U	0.059 J	0.0189 U	0.0258 J	0.0203 U	0.0178 U	0.0313 J	0.0195 U	0.0187 U
BENZYL ALCOHOL	3816.669	5.859	0.0297 U	0.0294 U	0.0269 UJ	0.0259 U	0.0288 U	0.0277 U	0.0274 U	0.0298 U	0.0262 U	0.0288 U	0.0286 U	0.0274 U
BENZYL BUTYL PHTHALATE	1608.591	264.988	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
BIS(2-CHLOROETHOXY) METHANE	3.099	0.012	0.0202 U	0.0201 U	0.0184 UJ	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	2.173	0.002	0.0453 U	0.0449 U	0.0411 UJ	0.0396 U	0.044 U	0.0422 U	0.0418 U	0.0455 U	0.04 U	0.0439 U	0.0436 U	0.0418 U
BIS(2-ETHYLHEXYL) PHTHALATE	43.158	163.522	0.0611 U	0.041 J	0.0184 U	0.0616 U	0.0625 U	0.0833 U	0.0698 U	0.157 U	0.145 J	0.157 J	0.162 J	0.0187 U
CHRYSENE	560.630	1545.386	0.0202 U	0.0301 J	0.0184 U	0.0177 U	0.0918 J	0.0189 U	0.044 J	0.0203 U	0.0178 U	0.0545 J	0.0195 U	0.0187 U
CRESOLS, M & P	#REF!	#REF!	0.0606 U	0.0601 U	0.055 UJ	0.0529 U	0.0588 U	0.0565 U	0.0558 U	0.0608 U	0.0534 U	0.0587 U	0.0583 U	0.0558 U
DIBENZ(A,H)ANTHRACENE	0.550	15.252	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0201 J	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0244 J	0.0195 U	0.0187 U
DIBENZOFURAN	266.261	33.379	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
DIETHYL PHTHALATE	2701.175	155.851	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
DIMETHYL PHTHALATE	1267.020	62.203	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
DI-N-BUTYL PHTHALATE	5115.378	3317.492	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0885 J	0.135 J	0.0306 J
DI-N-OCTYLPHTHALATE	1285.742	1000000	0.0227 U	0.0225 U	0.0206 U	0.0198 U	0.022 U	0.0211 U	0.0209 U	0.0227 U	0.02 U	0.022 U	0.0218 U	0.0209 U
FLUORANTHENE	2316.432	1917.260	0.0202 U	0.0314 J	0.0184 U	0.0177 U	0.107 J	0.0189 U	0.0518 J	0.0203 U	0.0178 U	0.0407 J	0.0195 U	0.0187 U
FLUORENE	2262.904	298.538	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
HEXACHLOROBENZENE	1.074	1.129	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
HEXACHLOROBUTADIENE	19.623	3.289	0.0542 U	0.0537 U	0.0491 UJ	0.0473 U	0.0525 U	0.0505 U	0.0499 U	0.0543 U	0.0478 U	0.0525 U	0.0521 U	0.0499 U
HEXACHLOROCYCLOPENTADIENE	13.690	19.286	0.0606 U	0.0601 U	0.055 UJ	0.0529 U	0.0588 U	0.0565 U	0.0558 U	0.0608 U	0.0534 U	0.0587 U	0.0583 U	0.0558 U
HEXACHLOROETHANE	66.565	1.836	0.0607 U	0.0602 U	0.0551 UJ	0.0531 U	0.0589 U	0.0566 U	0.0559 U	0.0609 U	0.0535 U	0.0588 U	0.0584 U	0.056 U
INDENO(1,2,3-C,D)PYRENE	5.722	173.371	0.0202 U	0.0237 J	0.0184 U	0.0177 U	0.0632 J	0.0189 U	0.0351 J	0.0203 U	0.0178 U	0.0463 J	0.0195 U	0.0187 U
ISOPHORONE	2231.292	3.001	0.0202 U	0.0201 U	0.0184 UJ	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
NAPHTHALENE	220.759	31.246	0.0506 U	0.0501 U	0.0458 UJ	0.0442 U	0.049 U	0.0471 U	0.0466 U	0.0507 U	0.0446 U	0.202 J	0.0486 U	0.0466 U
NITROBENZENE	65.672	0.352	0.0441 U	0.0437 U	0.04 UJ	0.0385 U	0.0428 U	0.0411 U	0.0406 U	0.0442 U	0.0389 U	0.0428 U	0.0424 U	0.0407 U
N-NITROSODI-N-PROPYLAMINE	0.400	0.000	0.0202 U	0.0201 U	0.0184 UJ	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
N-NITROSODIPHENYLAMINE	571.116	2.824	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
PENTACHLOROPHENOL	2.417	0.018	0.121 U	0.12 U	0.11 U	0.106 U	0.118 U	0.113 U	0.112 U	0.122 U	0.107 U	0.117 U	0.117 U	0.112 U
PHENANTHRENE	1705.203	415.717	0.0202 U	0.0201 U	0.0184 U	0.0177 U	0.0383 J	0.0189 U	0.0325 J	0.0208 J	0.0178 U	0.0338 J	0.0195 U	0.0187 U
PHENOL	2868.764	19.148	0.0202 U	0.0201 U	0.0184 UJ	0.0177 U	0.0196 U	0.0189 U	0.0186 U	0.0203 U	0.0178 U	0.0196 U	0.0195 U	0.0187 U
PYRENE	1697.615	1116.515	0.0202 U	0.0283 J	0.0184 U	0.0177 U	0.0961 J	0.0189 U	0.0482 J	0.0203 U	0.0178 U	0.0397 J	0.0195 U	0.0187 U
Total Petroleum Hydrocarbons														
C6-C12	1584.865	65.034	12.1 UJ	12 U	11 U	10.6 U	11.8 U	11.3 U	11.2 U	12.2 UJ	10.6 U	11.8 U	11.7 U	11.2 U
C6-C35	NA	NA	12.1 UJ	12 U	11 U	10.6 U	52 J	11.3 U	30.1 J	12.2 UJ	99.6	328	11.7 U	11.2 U
Over C12-C28	2264.195	198.004	12.1 UJ	12 U	11 U	10.6 U	29 J	11.3 U	14.9 J	12.2 UJ	70	224	11.7 U	11.2 U
Over C28-C35	2264.195	198.004	12.1 UJ	12 U	11 U	10.6 U	23 J	11.3 U	15.2 J	12.2 UJ	29.6 J	104	11.7 U	11.2 U

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes: **U -** The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit.

H - bias likely high

L- bias likely low

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

***** LCS or LCS exceeds the lab control limits.

b The compound was found in the blank and the sample.

***** SB8-0-0.5 is a duplicate of SB-Dup1

****** SB6-0-0.5 is a duplicate of SB-Dup2

******* SB6-2-3 is a duplicate of SB-Dup3

NA - Not Applicable.

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-2
Semi-Volatile Organic Compounds and Total Petroleum Hydrocarbons Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound		Sample ID:	SB15-0-0.5	SB15-2-3	SB16-0-0.5	SB16-2-3	SB17-0-0.5	SB17-2-3	SB18-0-0.5	SB18-2-3	SB2-0-0.5	SB2-2-3	SB3-0-0.5	SB3-2-3	SB4-0-0.5	SB4-2-3
		Collection Date:	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11
Semi-Volatile Organic Compounds																
1,2,4-TRICHLOROBENZENE	123.042	4.791	0.0488 U	0.0516 U	0.055 U	0.0578 U	0.0509 U	0.165 U	0.0483 U	0.0506 U	0.0527 U	0.0535 U	0.0499 U	0.0558 U	0.056 U	0.0546 U
1,2-DICHLOROBENZENE	719.824	17.885	0.0556 U	0.0589 U	0.0627 U	0.0659 U	0.058 U	0.188 U	0.0551 U	0.0576 U	0.06 U	0.061 U	0.0569 U	0.0636 U	0.0639 U	0.0623 U
1,3-DICHLOROBENZENE	116.960	6.746	0.0468 U	0.0495 U	0.0527 U	0.0554 U	0.0488 U	0.158 U	0.0463 U	0.0485 U	0.0505 U	0.0513 U	0.0478 U	0.0535 U	0.0537 U	0.0523 U
1,4-DICHLOROBENZENE	253.030	2.103	0.0489 U	0.0518 U	0.0551 U	0.0579 U	0.051 U	0.165 U	0.0484 U	0.0507 U	0.0528 U	0.0536 U	0.05 U	0.0559 U	0.0561 U	0.0547 U
2,4,5-TRICHLOROPHENOL	5069.209	33.819	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
2,4,6-TRICHLOROPHENOL	66.565	0.175	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
2,4-DICHLOROPHENOL	196.736	0.352	0.0243 U	0.0258 U	0.0274 U	0.0288 U	0.0254 U	0.0823 U	0.0241 U	0.0252 U	0.0263 U	0.0267 U	0.0249 U	0.0279 U	0.0279 U	0.0272 U
2,4-DIMETHYLPHENOL	1053.317	3.234	0.0218 U	0.0231 U	0.0245 U	0.0258 U	0.0227 U	0.0737 U	0.0216 U	0.0226 U	0.0235 U	0.0239 U	0.0223 U	0.0249 U	0.025 U	0.0244 U
2,4-DINITROPHENOL	133.131	0.094	0.107 U	0.113 U	0.12 U	0.126 U	0.111 U	0.361 U	0.106 U	0.111 U	0.115 U	0.117 U	0.109 U	0.122 U	0.123 U	0.12 U
2,4-DINITROTOLUENE	6.909	0.005	0.0534 U	0.0565 U	0.0602 U	0.0632 U	0.0557 U	0.181 U	0.0528 U	0.0553 U	0.0576 U	0.0586 U	0.0546 U	0.0611 U	0.0613 U	0.0598 U
2,6-DINITROTOLUENE	6.909	0.005	0.0534 U	0.0565 U	0.0602 U	0.0632 U	0.0557 U	0.181 U	0.0528 U	0.0553 U	0.0576 U	0.0586 U	0.0546 U	0.0611 U	0.0613 U	0.0598 U
2-CHLORONAPHTHALENE	5042.017	669.584	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
2-CHLOROPHENOL	384.484	1.632	0.0297 U	0.0314 U	0.0334 U	0.0352 U	0.031 U	0.1 U	0.0294 U	0.0308 U	0.032 U	0.0326 U	0.0304 U	0.034 U	0.0341 U	0.0332 U
2-METHYLNAPHTHALENE	252.101	17.067	0.0332 U	0.0351 U	0.0374 U	0.0393 U	0.0346 U	0.112 U	0.0329 U	0.0344 U	0.0358 U	0.0417 J	0.034 U	0.038 U	0.0381 U	0.0372 U
2-METHYLPHENOL (O-CRESOL)	1529.390	7.119	0.0352 U	0.0373 U	0.0397 U	0.0417 U	0.0367 U	0.119 U	0.0349 U	0.0365 U	0.038 U	0.0387 U	0.036 U	0.0403 U	0.0405 U	0.0394 U
2-NITROANILINE	14.069	0.022	0.0237 U	0.0251 U	0.0267 U	0.0281 U	0.0247 U	0.0801 U	0.0235 U	0.0246 U	0.0256 U	0.026 U	0.0242 U	0.0271 U	0.0272 U	0.0265 U
2-NITROPHENOL	114.174	0.135	0.0182 U	0.0192 U	0.0205 U	0.0215 U	0.0189 U	0.0614 U	0.018 U	0.0188 U	0.0196 U	0.0199 U	0.0186 U	0.0208 U	0.0208 U	0.0203 U
3,3'-DICHLOROBENZIDINE	10.441	0.063	0.178 U	0.189 U	0.201 U	0.211 U	0.186 U	0.603 U	0.176 U	0.185 U	0.192 U	0.196 U	0.182 U	0.204 U	0.205 U	0.2 U
3-NITROANILINE	19.534	0.026	0.107 U	0.113 U	0.12 U	0.126 U	0.111 U	0.361 U	0.106 U	0.111 U	0.115 U	0.117 U	0.109 U	0.122 U	0.123 U	0.12 U
4,6-DINITRO-2-METHYLPHENOL	5.832	0.005	0.0534 U	0.0565 U	0.0602 U	0.0632 U	0.0557 U	0.181 U	0.0528 U	0.0553 U	0.0576 U	0.0586 U	0.0546 U	0.0611 U	0.0613 U	0.0598 U
4-BROMOPHENYL PHENYL ETHER	0.276	0.353	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
4-CHLORO-3-METHYLPHENOL	329.615	4.528	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
4-CHLOROANILINE	23.492	0.021	0.107 U	0.113 U	0.12 U	0.126 U	0.111 U	0.361 U	0.106 U	0.111 U	0.115 U	0.117 U	0.109 U	0.122 U	0.123 U	0.12 U
4-CHLOROPHENYL PHENYL ETHER	0.163	0.032	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
4-NITROANILINE	218.105	0.108	0.107 U	0.113 U	0.12 U	0.126 U	0.111 U	0.361 U	0.106 U	0.111 U	0.115 U	0.117 U	0.109 U	0.122 U	0.123 U	0.12 U
4-NITROPHENOL	73.002	0.100	0.107 U	0.113 U	0.12 U	0.126 U	0.111 U	0.361 U	0.106 U	0.111 U	0.115 U	0.117 U	0.109 U	0.122 U	0.123 U	0.12 U
ACENAPHTHENE	2965.473	236.366	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
ACENAPHTHENE	3781.513	408.660	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0287 J	0.0182 U	0.0204 U	0.0205 U	0.02 U
ANTHRACENE	17744.113	6889.841	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0257 J	0.0182 U	0.0204 U	0.0205 U	0.02 U
BENZO(A)ANTHRACENE	5.653	17.743	0.0178 U	0.0258 J	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0481 J	0.0192 U	0.201 J	0.116 J	0.0204 U	0.0205 U	0.02 U
BENZO(A)PYRENE	0.564	7.640	0.0178 U	0.0369 J	0.0201 U	0.0258 J	0.0186 U	0.0603 U	0.0176 U	0.0722 J	0.0192 U	0.363 J	0.213 J	0.0204 U	0.0205 U	0.02 U
BENZO(B)FLUORANTHENE	5.713	60.116	0.0178 U	0.0601 J	0.0201 U	0.0393 J	0.0186 U	0.0603 U	0.0176 U	0.104 J	0.0192 U	0.573	0.359 J	0.0204 U	0.0205 U	0.02 U
BENZO(G,H,I)PERYLENE	1780.341	46486.868	0.0178 U	0.0332 J	0.0201 U	0.0217 J	0.0186 U	0.0603 U	0.0176 U	0.0491 J	0.0192 U	0.25 J	0.173 J	0.0204 U	0.0205 U	0.02 U
BENZO(K)FLUORANTHENE	57.232	615.159	0.0178 U	0.0253 J	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0389 J	0.0192 U	0.21 J	0.123 J	0.0204 U	0.0205 U	0.02 U
BENZYL ALCOHOL	3816.669	5.859	0.0262 U	0.0277 U	0.0295 U	0.031 U	0.0273 U	0.0885 U	0.0259 U	0.0271 U	0.0282 U	0.0287 U	0.0267 U	0.0299 U	0.03 U	0.0293 U
BENZYL BUTYL PHTHALATE	1608.591	264.988	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0916 J	0.0204 U	0.0205 U	0.02 U
BIS(2-CHLOROETHOXY) METHANE	3.099	0.012	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	2.173	0.002	0.0399 U	0.0423 U	0.045 U	0.0473 U	0.0416 U	0.135 U	0.0395 U	0.0414 U	0.0431 U	0.0438 U	0.0408 U	0.0457 U	0.0458 U	0.0447 U
BIS(2-ETHYLHEXYL) PHTHALATE	43.158	163.522	0.0178 U	0.0189 U	0.0333 J	0.0427 J	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.077 U	0.0736 U	0.171 U	0.131 U	0.0205 U	0.0487 J
CHRYSENE	560.630	1545.386	0.0178 U	0.0356 J	0.0201 U	0.0289 J	0.0186 U	0.0603 U	0.0176 U	0.0677 J	0.0192 U	0.428	0.268 J	0.0204 U	0.0205 U	0.02 U
CRESOLS, M & P	#REF!	#REF!	0.0534 U	0.0565 U	0.0602 U	0.0632 U	0.0557 U	0.181 U	0.0528 U	0.0553 U	0.0576 U	0.0586 U	0.0546 U	0.0611 U	0.0613 U	0.0598 U
DIBENZ(A,H)ANTHRACENE	0.550	15.252	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0651 J	0.0427 J	0.0204 U	0.0205 U	0.02 U
DIBENZOFURAN	266.261	33.379	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0456 J	0.0286 J	0.0204 U	0.0205 U	0.02 U
DIETHYL PHTHALATE	2701.175	155.851	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
DIMETHYL PHTHALATE	1267.020	62.203	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
DI-N-BUTYL PHTHALATE	5115.378	3317.492	0.0347 J	0.0635 J	0.0203 J	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0293 J	0.0204 U	0.0205 U	0.02 U
DI-N-OCTYLPHTHALATE	1285.742	1000000	0.02 U	0.0211 U	0.0225 U	0.0237 U	0.0208 U	0.0675 U	0.0198 U	0.0207 U	0.0216 U	0.0219 U	0.0204 U	0.0228 U	0.0229 U	0.0223 U
FLUORANTHENE	2316.432	1917.260	0.0178 U	0.0442 J	0.0201 U	0.0391 J	0.0186 U	0.0603 U	0.0176 U	0.0868 J	0.0195 J	0.708	0.441	0.0204 U	0.0205 U	0.02 U
FLUORENE	2262.904	298.538	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
HEXACHLOROBENZENE	1.074	1.129	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
HEXACHLOROBUTADIENE	19.623	3.289	0.0477 U	0.0505 U	0.0538 U	0.0565 U	0.0498 U	0.161 U	0.0472 U	0.0494 U	0.0515 U	0.0524 U	0.0488 U	0.0546 U	0.0548 U	0.0534 U
HEXACHLOROCYCLOPENTADIENE	13.690	19.286	0.0534 U	0.0565 U	0.0602 U	0.0632 U	0.0557 U	0.181 U	0.0528 U	0.0553 U	0.0576 U	0.0586 U	0.0546 U	0.0611 U	0.0613 U	0.0598 U
HEXACHLOROETHANE	66.565	1.836	0.0535 U	0.0566 U	0.0603 U	0.0634 U	0.0558 U	0.181 U	0.0529 U	0.0554 U	0.0577 U	0.0587 U	0.0547 U	0.0612 U	0.0614 U	0.0599 U
INDENO(1,2,3-C,D)PYRENE	5.722	173.371	0.0178 U	0.0282 J	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0463 J	0.0192 U	0.239 J	0.151 J	0.0204 U	0.0205 U	0.02 U
ISOPHORONE	2231.292	3.001	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
NAPHTHALENE	220.759	31.246	0.0445 U	0.0471 U	0.0502 U	0.0527 U	0.0464 U	0.151 U	0.0441 U	0.0461 U	0.0481 U	0.065 J	0.0455 U	0.0509 U	0.0511 U	0.0498 U
NITROBENZENE	65.672	0.352	0.0389 U	0.0411 U	0.0438 U	0.046 U	0.0405 U	0.131 U	0.0385 U	0.0403 U	0.042 U	0.0426 U	0.0397 U	0.0445 U	0.0446 U	0.0435 U
N-NITROSODI-N-PROPYLAMINE	0.400	0.000	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
N-NITROSODIPHENYLAMINE	571.116	2.824	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
PENTACHLOROPHENOL	2.417	0.018	0.107 U	0.113 U	0.12 U	0.126 U	0.111 U	0.361 U	0.106 U	0.111 U	0.115 U	0.117 U	0.109 U	0.122 U	0.123 U	0.12 U
PHENANTHRENE	1705.203	415.717	0.0178 U	0.0189 U	0.0201 U	0.0248 J	0.0186 U	0.0603 U	0.0176 U	0.0322 J	0.0192 U	0.444	0.292 J	0.0204 U	0.0205 U	0.02 U
PHENOL	2868.764	19.148	0.0178 U	0.0189 U	0.0201 U	0.0211 U	0.0186 U	0.0603 U	0.0176 U	0.0185 U	0.0192 U	0.0196 U	0.0182 U	0.0204 U	0.0205 U	0.02 U
PYRENE	1697.615	1116.515	0.0178 U	0.0374 J	0.0201 U	0.0324 J	0.0186 U	0.0603 U	0.0176 U	0.0748 J	0.0192 U	0.591	0.378	0.0204 U	0.0205 U	0.02 U
Total Petroleum Hydrocarbons																
C6-C12	1584.865	65.034	10.7 U	11.3 U	12.1 U	12.7 U	11.2 U	12 U	10.6 U	11.1 U	11.5 UJ	11.7 UJ	11 UJ	12.2 U	12.2 UJ	11.9 UJ
C6-C35	NA	NA	140	19 J	12.8 J	12.7 U	11.2 U	17.9 J	10.6 U	11.1 U	11.5 UJ	11.7 UJ	12.8 J	17.4 J	12.2 UJ	15.8 J
Over C12-C28	2264.195	198.004	112	19 J	12.8 J	12.7 U	11.2 U	17.9 J	10.6 U	11.1 U	11.5 UJ	11.7 UJ	12.8 J	17.4 J	12.2 UJ	15.8 J
Over C28-C35	2264.195	198.004	28.4 J	11.3 U	12.1 U	12.7 U	11.2 U	12 U	10.6 U	11.1 U	11.5 UJ	11.7 UJ	11 UJ	12.2 U	12.2 UJ	11.9 UJ

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes: **U -** The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit.

H - bias likely high

L- bias likely low

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

***** LCS or LCS exceeds the lab control limits.

b The compound was found in the blank and the sample.

***** SB8-0-0.5 is a duplicate of SB-Dup1

****** SB6-0-0.5 is a duplicate of SB-Dup2

******* SB6-2-3 is a duplicate of SB-Dup3

NA - Not Applicable.

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-2
Semi-Volatile Organic Compounds and Total Petroleum Hydrocarbons Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound			Sample ID:	SB5-0-0.5	SB5-2-3	SB6-0-0.5**	SBDUP-2**	SB6-2-3***	SBDUP-3***	SB7-0-0.5	SB7-2-3	SB8-0-0.5*	SBDUP1*	SB8-2-3	SB9-0-0.5	SB9-2-3
			Collection Date:	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/20/11	01/20/11	01/20/11	01/21/11	01/21/11
Semi-Volatile Organic Compounds																
1,2,4-TRICHLOROBENZENE	123.042	4.791		0.0495 U	0.0521 U	0.0497 U	0.0492 U	0.0506 U	0.0502 U	0.0529 U	0.0484 U	0.115 U	0.0514 U	0.0511 U	0.051 U	0.0541 U
1,2-DICHLOROBENZENE	719.824	17.885		0.0564 U	0.0594 U	0.0566 U	0.0561 U	0.0577 U	0.0573 U	0.0604 U	0.0552 U	0.131 U	0.0586 U	0.0582 U	0.0582 U	0.0617 U
1,3-DICHLOROBENZENE	116.960	6.746		0.0474 U	0.0499 U	0.0476 U	0.0472 U	0.0485 U	0.0481 U	0.0507 U	0.0464 U	0.11 U	0.0493 U	0.0489 U	0.0489 U	0.0519 U
1,4-DICHLOROBENZENE	253.030	2.103		0.0496 U	0.0522 U	0.0498 U	0.0493 U	0.0507 U	0.0503 U	0.0531 U	0.0485 U	0.115 U	0.0515 U	0.0512 U	0.0511 U	0.0543 U
2,4,5-TRICHLOROPHENOL	5069.209	33.819		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
2,4,6-TRICHLOROPHENOL	66.565	0.175		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
2,4-DICHLOROPHENOL	196.736	0.352		0.0247 U	0.026 U	0.0248 U	0.0246 U	0.0252 U	0.0251 U	0.0264 U	0.0242 U	0.0573 U	0.0257 U	0.0255 U	0.0255 U	0.027 U
2,4-DIMETHYLPHENOL	1053.317	3.234		0.0221 U	0.0233 U	0.0222 U	0.022 U	0.0226 U	0.0224 U	0.0236 U	0.0216 U	0.0513 U	0.023 U	0.0228 U	0.0228 U	0.0242 U
2,4-DINITROPHENOL	133.131	0.094		0.108 U	0.114 U	0.109 U	0.108 U	0.111 U	0.11 U	0.116 U	0.106 U	0.251 U	0.113 U	0.112 U	0.112 U	0.118 U
2,4-DINITROTOLUENE	6.909	0.005		0.0541 U	0.057 U	0.0543 U	0.0539 U	0.0554 U	0.0549 U	0.0579 U	0.053 U	0.126 U	0.0563 U	0.0559 U	0.0558 U	0.0592 U
2,6-DINITROTOLUENE	6.909	0.005		0.0541 U	0.057 U	0.0543 U	0.0539 U	0.0554 U	0.0549 U	0.0579 U	0.053 U	0.126 U	0.0563 U	0.0559 U	0.0558 U	0.0592 U
2-CHLORONAPHTHALENE	5042.017	669.584		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
2-CHLOROPHENOL	384.484	1.632		0.0301 U	0.0317 U	0.0302 U	0.0299 U	0.0308 U	0.0305 U	0.0322 U	0.0294 U	0.0699 U	0.0313 U	0.0311 U	0.031 U	0.0329 U
2-METHYLNAPHTHALENE	252.101	17.067		0.0337 U	0.0355 U	0.0338 U	0.0335 U	0.0344 U	0.0342 U	0.074 J	0.0329 U	0.0782 U	0.035 U	0.0348 U	0.0347 U	0.0368 U
2-METHYLPHENOL (O-CRESOL)	1529.390	7.119		0.0357 U	0.0376 U	0.0359 U	0.0355 U	0.0365 U	0.0363 U	0.0382 U	0.035 U	0.083 U	0.0371 U	0.0369 U	0.0369 U	0.0391 U
2-NITROANILINE	14.069	0.022		0.024 U	0.0253 U	0.0241 U	0.0239 U	0.0246 U	0.0244 U	0.0257 U	0.0235 U	0.0558 U	0.025 U	0.0248 U	0.0248 U	0.0263 U
2-NITROPHENOL	114.174	0.135		0.0184 U	0.0194 U	0.0185 U	0.0183 U	0.0188 U	0.0187 U	0.0197 U	0.018 U	0.0427 U	0.0191 U	0.019 U	0.019 U	0.0201 U
3,3'-DICHLOROBENZIDINE	10.441	0.063		0.181 U	0.19 U	0.182 U	0.18 U	0.185 U	0.184 U	0.193 U	0.177 U	0.42 U	0.188 U	0.187 U	0.187 U	0.198 U
3-NITROANILINE	19.534	0.026		0.108 U	0.114 U	0.109 U	0.108 U	0.111 U	0.11 U	0.116 U	0.106 U	0.251 U	0.113 U	0.112 U	0.112 U	0.118 U
4,6-DINITRO-2-METHYLPHENOL	5.832	0.005		0.0541 U	0.057 U	0.0543 U	0.0539 U	0.0554 U	0.0549 U	0.0579 U	0.053 U	0.126 U	0.0563 U	0.0559 U	0.0558 U	0.0592 U
4-BROMOPHENYL PHENYL ETHER	0.276	0.353		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
4-CHLORO-3-METHYLPHENOL	329.615	4.528		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
4-CHLOROANILINE	23.492	0.021		0.108 U	0.114 U	0.109 U	0.108 U	0.111 U	0.11 U	0.116 U	0.106 U	0.251 U	0.113 U	0.112 U	0.112 U	0.118 U
4-CHLOROPHENYL PHENYL ETHER	0.163	0.032		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
4-NITROANILINE	218.105	0.108		0.108 U	0.114 U	0.109 U	0.108 U	0.111 U	0.11 U	0.116 U	0.106 U	0.251 U	0.113 U	0.112 U	0.112 U	0.118 U
4-NITROPHENOL	73.002	0.100		0.108 U	0.114 U	0.109 U	0.108 U	0.111 U	0.11 U	0.116 U	0.106 U	0.251 U	0.113 U	0.112 U	0.112 U	0.118 U
ACENAPHTHENE	2965.473	236.366		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
ACENAPHTHENE	3781.513	408.660		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
ANTHRACENE	17744.113	6889.841		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
BENZO(A)ANTHRACENE	5.653	17.743		0.0201 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0201 J	0.0177 U	0.0506 J	0.0188 U	0.0187 U	0.0187 U	0.0198 U
BENZO(A)PYRENE	0.564	7.640		0.0324 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0291 J	0.0177 U	0.0526 J	0.0193 J	0.0187 U	0.0187 U	0.0198 U
BENZO(B)FLUORANTHENE	5.713	60.116		0.0543 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0475 J	0.0177 U	0.0791 J	0.0224 J	0.0187 U	0.0206 J	0.0198 U
BENZO(G,H,I)PERYLENE	1780.341	46486.868		0.0324 J	0.019 U	0.0182 U	0.0203 J	0.0185 U	0.0184 U	0.0264 J	0.0177 U	0.0572 J	0.0188 U	0.0187 U	0.0187 U	0.0198 U
BENZO(K)FLUORANTHENE	57.232	615.159		0.0212 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.025 J	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
BENZYL ALCOHOL	3816.669	5.859		0.0265 U	0.0279 U	0.0266 U	0.0264 U	0.0271 U	0.0269 U	0.0284 U	0.026 U	0.0616 U	0.0276 U	0.0274 U	0.0274 U	0.029 U
BENZYL BUTYL PHTHALATE	1608.591	264.988		0.0181 U	0.019 U	0.333 J	0.0898 J	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.221 J	0.0188 U	0.0187 U	0.0187 U	0.0198 U
BIS(2-CHLOROETHOXY) METHANE	3.099	0.012		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	2.173	0.002		0.0405 U	0.0426 U	0.0406 U	0.0403 U	0.0414 U	0.0411 U	0.0433 U	0.0396 U	0.094 U	0.0421 U	0.0418 U	0.0418 U	0.0443 U
BIS(2-ETHYLHEXYL) PHTHALATE	43.158	163.522		0.105 U	0.0621 U	0.116 U	0.167 U	0.0595 U	0.0499 U	0.0685 U	0.0467 U	0.232 J	0.0317 J	0.0187 U	0.0943 U	0.0198 U
CHRYSENE	560.630	1545.386		0.0315 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0412 J	0.0177 U	0.0573 J	0.0188 U	0.0187 U	0.0187 U	0.0198 U
CRESOLS, M & P	#REF!	#REF!		0.0541 U	0.057 U	0.0543 U	0.0539 U	0.0554 U	0.0549 U	0.0579 U	0.053 U	0.126 U	0.0563 U	0.0559 U	0.0558 U	0.0592 U
DIBENZ(A,H)ANTHRACENE	0.550	15.252		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
DIBENZOFURAN	266.261	33.379		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0222 J	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
DIETHYL PHTHALATE	2701.175	155.851		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
DIMETHYL PHTHALATE	1267.020	62.203		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
DI-N-BUTYL PHTHALATE	5115.378	3317.492		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.082 J	0.0188 U	0.0187 U	0.0187 U	0.0198 U
DI-N-OCTYLPHTHALATE	1285.742	1000000		0.0202 U	0.0213 U	0.0203 U	0.0201 U	0.0207 U	0.0205 U	0.0217 U	0.0198 U	0.047 U	0.021 U	0.0209 U	0.0209 U	0.0222 U
FLUORANTHENE	2316.432	1917.260		0.0473 J	0.019 U	0.0182 U	0.0195 J	0.0185 U	0.0184 U	0.0703 J	0.0177 U	0.0918 J	0.0206 J	0.0187 U	0.021 J	0.0198 U
FLUORENE	2262.904	298.538		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
HEXACHLOROBENZENE	1.074	1.129		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
HEXACHLOROBUTADIENE	19.623	3.289		0.0484 U	0.051 U	0.0486 U	0.0482 U	0.0495 U	0.0491 U	0.0518 U	0.0473 U	0.112 U	0.0503 U	0.05 U	0.0499 U	0.0529 U
HEXACHLOROCYCLOPENTADIENE	13.690	19.286		0.0541 U	0.057 U	0.0543 U	0.0539 U	0.0554 U	0.0549 U	0.0579 U	0.053 U	0.126 U	0.0563 U	0.0559 U	0.0558 U	0.0592 U
HEXACHLOROETHANE	66.565	1.836		0.0542 U	0.0571 U	0.0545 U	0.054 U	0.0555 U	0.0551 U	0.058 U	0.0531 U	0.126 U	0.0564 U	0.056 U	0.056 U	0.0593 U
INDENO(1,2,3-C,D)PYRENE	5.722	173.371		0.0242 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0209 J	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
ISOPHORONE	2231.292	3.001		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
NAPHTHALENE	220.759	31.246		0.0451 U	0.0475 U	0.0453 U	0.0449 U	0.0462 U	0.0458 U	0.0483 U	0.0442 U	0.105 U	0.0469 U	0.0466 U	0.0466 U	0.0494 U
NITROBENZENE	65.672	0.352		0.0394 U	0.0415 U	0.0396 U	0.0392 U	0.0403 U	0.04 U	0.0422 U	0.0386 U	0.0915 U	0.041 U	0.0407 U	0.0407 U	0.0431 U
N-NITROSODI-N-PROPYLAMINE	0.400	0.000		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
N-NITROSODIPHENYLAMINE	571.116	2.824		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
PENTACHLOROPHENOL	2.417	0.018		0.108 U	0.114 U	0.109 U	0.108 U	0.111 U	0.11 U	0.116 U	0.106 U	0.251 U	0.113 U	0.112 U	0.112 U	0.118 U
PHENANTHRENE	1705.203	415.717		0.0325 J	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0606 J	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
PHENOL	2868.764	19.148		0.0181 U	0.019 U	0.0182 U	0.018 U	0.0185 U	0.0184 U	0.0193 U	0.0177 U	0.042 U	0.0188 U	0.0187 U	0.0187 U	0.0198 U
PYRENE	1697.615	1116.515		0.0452 J	0.019 U	0.0182 U	0.0181 J	0.0185 U	0.0184 U	0.0571 J	0.0177 U	0.0833 J	0.0188 U	0.0187 U	0.019 J	0.0198 U
Total Petroleum Hydrocarbons																
C6-C12	1584.865	65.034		10.8 U	11.4 U	10.8 U	10.8 U	11.1 U	11 U	11.5 U	10.6 U	12.6 U	11.3 U	11.2 U	11.2 U	11.9 U
C6-C35	NA	NA		142	11.4 U	105	111	11.1 U	11 U	27.9 J	10.6 U	35.5 J	11.3 U	11.2 U	12.5 J	11.9 U
Over C12-C28	2264.195	198.004		92.6	11.4 U	58	60.9	11.1 U	11 U	16.2 J	10.6 U	16.6 J	11.3 U	11.2 U	12.5 J	11.9 U
Over C28-C35	2264.195	198.004		49.4 J	11.4 U	46.9 J	50.3 J	11.1 U	11 U	11.7 J	10.6 U	18.9 J	11.3 U	11.2 U	11.2 U	11.9 U

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes: **U -** The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated

H - bias likely high

L- bias likely low

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

***** LCS or LCS exceeds the lab control limits.

b The compound was found in the blank and the sample.

* SB8-0-0.5 is a duplicate of SB-Dup1

** SB6-0-0.5 is a duplicate of SB-Dup2

*** SB6-2-3 is a duplicate of SB-Dup3

NA - Not Applicable.

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-3
pH and RCRA Metals Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound	Sample ID:			SB1-0-0.5		SB10-0-0.5		SB10-2-3		SB11-0-0.5		SB11-2-3		SB12-0-0.5		SB12-2.3		SB1-2-3		SB13-0-0.5		SB13-2-3		SB14-0-0.5		SB14-2-3	
	Collection Date:			01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11		01/20/11	
RCRA Metals																											
ARSENIC	24.168	5.019	5.90	3.03		2.85	J	1.85	JL	2.48		4.96		1.33		2.56		2.69		1.32	J	**42.4**	J	1.22	J	2.55	J
BARIUM	7962.323	443.832	300	115		30.8		71.7		33.8		324		41.8		64.7		133		41.4		**638**		34.2		141	
CADMIUM	52.421	1.510	-	0.0835	J	0.385		0.0772	U	0.0934	J	0.474		0.0666	U	0.165	J	0.121	J	0.0738	U	0.602		0.0763	U	0.0968	J
CHROMIUM, TOTAL	32607.149	2400.191	30	6.44		5.74		7.05		2.92		9.47		3.65		5.73		6.5		3.53		9.06		3.16		3.42	
LEAD	500	3.029	15	**8.79**		**25**		**7.14**		**4.8**		**775**		**4.26**		**27.6**		**14.8**		**4.18**		**5220**		**3.75**		**49.5**	
SELENIUM	308.168	2.296	0.30	0.622	J	0.326	J	0.256	U	0.152	U	**2.31**	J	0.168	U	0.391	J	0.705	J	0.194	U	**2.75**	J	0.131	U	0.519	J
SILVER	95.724	0.479	-	0.0693	U	0.0785	U	0.0734	U	0.0605	U	**0.5**		0.0634	U	0.278		0.0669	U	0.0702	U	**0.932**		0.0726	U	0.0733	U
MERCURY	3.649	0.0078	0.04	0.0148	U	0.012	U	0.0125	U	0.0105	U	**0.0708**	J	0.0112	U	0.0137	U	0.0116	U	0.0125	U	0.0144	U	0.0133	U	**0.0161**	J
pH																											
pH	-	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Texas-Specific Background Concentration

Notes:
U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.
J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitatio The value is an estimated quantity.
H - bias likely high
L- bias likely low
BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area
BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area
* SB8-0-0.5 is a duplicate of SB-Dup1
** SB6-0-0.5 is a duplicate of SB-Dup2
*** SB6-2-3 is a duplicate of SB-Dup3
NA - Not Analyzed.
All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-3
pH and RCRA Metals Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound				Sample ID:	SB15-0-0.5	SB15-2-3	SB16-0-0.5	SB16-2-3	SB17-0-0.5	SB17-2-3	SB18-0-0.5	SB18-2-3	SB2-0-0.5	SB2-2-3	SB3-0-0.5	SB3-2-3	SB4-0-0.5	SB4-2-3
				Collection Date:	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11	01/20/11
					RCRA Metals													
ARSENIC	24.168	5.019	5.90		1.19 J	3.51 J	1.41 J	**6.9** J	1.13 J	2.5 J	0.999 J	1.56 J	1.71	3.33	3.99	3.25	2.11 b	3.04 b
BARIUM	7962.323	443.832	300		30.2	238	39.5	386	39.6	144	29.9	46.2	93	129	150	103	56.3	173
CADMIUM	52.421	1.510	-		0.061 U	0.844	0.075 J	**5.11**	0.0626 U	0.183 J	0.0638 U	0.0672 U	0.109 J	0.968	**2.48**	0.092 J	0.0869 U	0.137 J
CHROMIUM, TOTAL	32607.149	2400.191	30		2.89	9.3	3.4	11.5	2.84	5.58	2.58	2.76	5.82	5.52	7.27	6.44	4.24	8.34
LEAD	500	3.029	15		**3.65**	**846**	**5.81**	**88.3**	**3.92**	**34.5**	**3.41**	**5.22**	**7.29**	**27.2**	**150**	**8.6**	**4.85**	**35.3**
SELENIUM	308.168	2.296	0.30		0.158 U	**5.21** J	0.182 U	**4.65** J	0.186 U	2.09 J	0.161 U	0.14 U	0.267 J	0.914 J	0.872 J	0.409 J	0.436 J	1.17 J
SILVER	95.724	0.479	-		0.058 U	0.0935 J	0.0714 U	0.133 J	0.0596 U	0.0802 U	0.0607 U	0.064 U	0.0666 U	0.0753 U	0.0706 U	0.0729 U	0.0827 U	0.0758 J
MERCURY	3.649	0.0078	0.04		0.0134 U	**0.0633** J	0.0138 U	**0.0546** J	0.0155 U	**0.014** J	0.015 U	0.0135 U	0.0117 U	**0.0704** J	**0.0387** J	0.0114 U	0.0173 U	**0.0153** J
					pH													
pH	-	-	-		NA	NA	NA	NA	NA	NA	8.9	NA	NA	NA	7.8	NA	NA	NA

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Texas-Specific Background Concentration

Notes:
U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.
J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated quantity.

H - bias likely high
L- bias likely low
BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area
BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area
***** SB8-0-0.5 is a duplicate of SB-Dup1
****** SB6-0-0.5 is a duplicate of SB-Dup2
******* SB6-2-3 is a duplicate of SB-Dup3
NA - Not Analyzed
All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-3
pH and RCRA Metals Soil Analytical Results
Bastrop Fine Arts Guild Site
1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound	Sample ID:			SB5-0-0.5	SB5-2-3	SB6-0-0.5**	SBDUP-2**	SB6-2-3***	SBDUP-3***	SB7-0-0.5	SB7-2-3	SB8-0-0.5*	SBDUP1*	SB8-2-3	SB9-0-0.5	SB9-2-3
	Collection Date:			01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/21/11	01/20/11	01/20/11	01/20/11	01/21/11	01/21/11
RCRA Metals																
ARSENIC	24.168	5.019	5.90	1.94	1.94	**10.5**	**6.68**	1.7	1.8	2.67	1.57	3.74 b	3.3 b	2.73 b	1.71	1.99 b
BARIUM	7962.323	443.832	300	84.3	36.8	43.3	35	24	27.3	154	30.2	130	79.9	158	25.8 JH	30.2
CADMIUM	52.421	1.510	-	0.301	0.074 U	0.282	0.419	0.0703 U	0.0694 U	0.324	0.0646 U	0.443 J	0.0936 J	0.0819 J	0.18 J	0.0755 U
CHROMIUM, TOTAL	32607.149	2400.191	30	5.13	3.8	13.5	11.7	3.1	3.2	6.47	3.45	8.77	6.29	5.05	3.7	4.15
LEAD	500	3.029	15	**61.7**	**4.17**	**121**	**33.7**	**3.73**	**3.28**	**18.9**	**5.28**	**26.3** J	**12.2** J	**9.85**	**11.4** J	**5.06**
SELENIUM	308.168	2.296	0.30	0.637 J	0.276 J	0.2 U	0.22 U	0.19 U	0.175 U	1.34 J	0.182 U	1.14 J	0.735 J	0.49 J	0.208 U	0.278 J
SILVER	95.724	0.479	-	0.0578 U	0.0705 U	0.069 U	0.0677 U	0.0669 U	0.066 U	0.0734 U	0.0615 U	0.0768 U	0.0609 U	0.0595 U	0.0694 U	0.0718 U
MERCURY	3.649	0.0078	0.04	0.00991 U	0.0141 U	0.0137 U	0.00918 U	0.0148 U	0.0137 U	0.0125 U	0.00977 U	0.0146 U	0.0159 U	**0.0473** J	0.0128 UJ	0.0118 U
pH																
pH	-	-	-	NA	NA	NA	NA	NA	NA	7.9	NA	NA	NA	NA	7.67	NA

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Texas-Specific Background Concentration

Notes: **U -** The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated quantity.

H - bias likely high

L- bias likely low

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

***** SB8-0-0.5 is a duplicate of SB-Dup1

****** SB6-0-0.5 is a duplicate of SB-Dup2

******* SB6-2-3 is a duplicate of SB-Dup3

NA - Not Analyzed.

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.

Table 4-4

Pesticides Soil Analytical Results

Bastrop Fine Arts Guild Site

1204 Chestnut Street, Bastrop, Bastrop County, Texas

Compound		Sample ID:	SB12-0-0.5		SB16-0-0.5	
		Collection Date:	01/20/11		01/20/11	
ALDRIN	0.0500	0.1029	0.000097	U	0.000103	U
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.2555	0.0079	0.000245	U	0.000262	U
ALPHA ENDOSULFAN	60.9523	30.8197	0.000094	U	0.000100	U
ALPHA-CHLORDANE	12.8056	738.2912	0.000314	U	0.000335	U
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.9284	0.0290	0.000334	U	0.000357	U
BETA ENDOSULFAN	272.4386	92.4590	0.000094	U	0.000100	U
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	2.9329	0.1736	0.000094	U	0.000100	U
DIELDRIN	0.1459	0.0489	0.000095	U	0.000101	U
ENDOSULFAN SULFATE	384.5196	4659.8682	0.000122	U	0.000130	U
ENDRIN	8.8407	0.7504	0.000094	U	0.000100	U
ENDRIN ALDEHYDE	19.3731	627.0862	0.000158	U	0.000169	U
ENDRIN KETONE	18.7721	50.9843	0.000100	U	0.000106	U
GAMMA BHC (LINDANE)	1.1054	0.0092	0.000094	U	0.000100	U
GAMMA-CHLORDANE	5.9555	9.6220	0.000430	U	0.000459	U
HEPTACHLOR	0.1287	0.1888	0.000507	U	0.000541	U
HEPTACHLOR EPOXIDE	0.2392	0.0583	0.000109	U	0.000116	U
METHOXYCHLOR	271.3805	124.2762	0.000261	U	0.000279	U
P,P'-DDD	14.2156	12.9517	0.000100	U	0.000106	U
P,P'-DDE	10.1775	11.7762	0.000094	U	0.000100	U
P,P'-DDT	5.4169	14.7492	0.000151	U	0.000162	U
TOXAPHENE	1.2416	11.5037	0.005830	U	0.006220	U

PCL / $^{Tot}SOIL_{Comb}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

PCL / $^{GW}SOIL_{Ing}$
(March 2010 Tier I tables, 0.5 acre Source Area, Residential Use)

Notes:

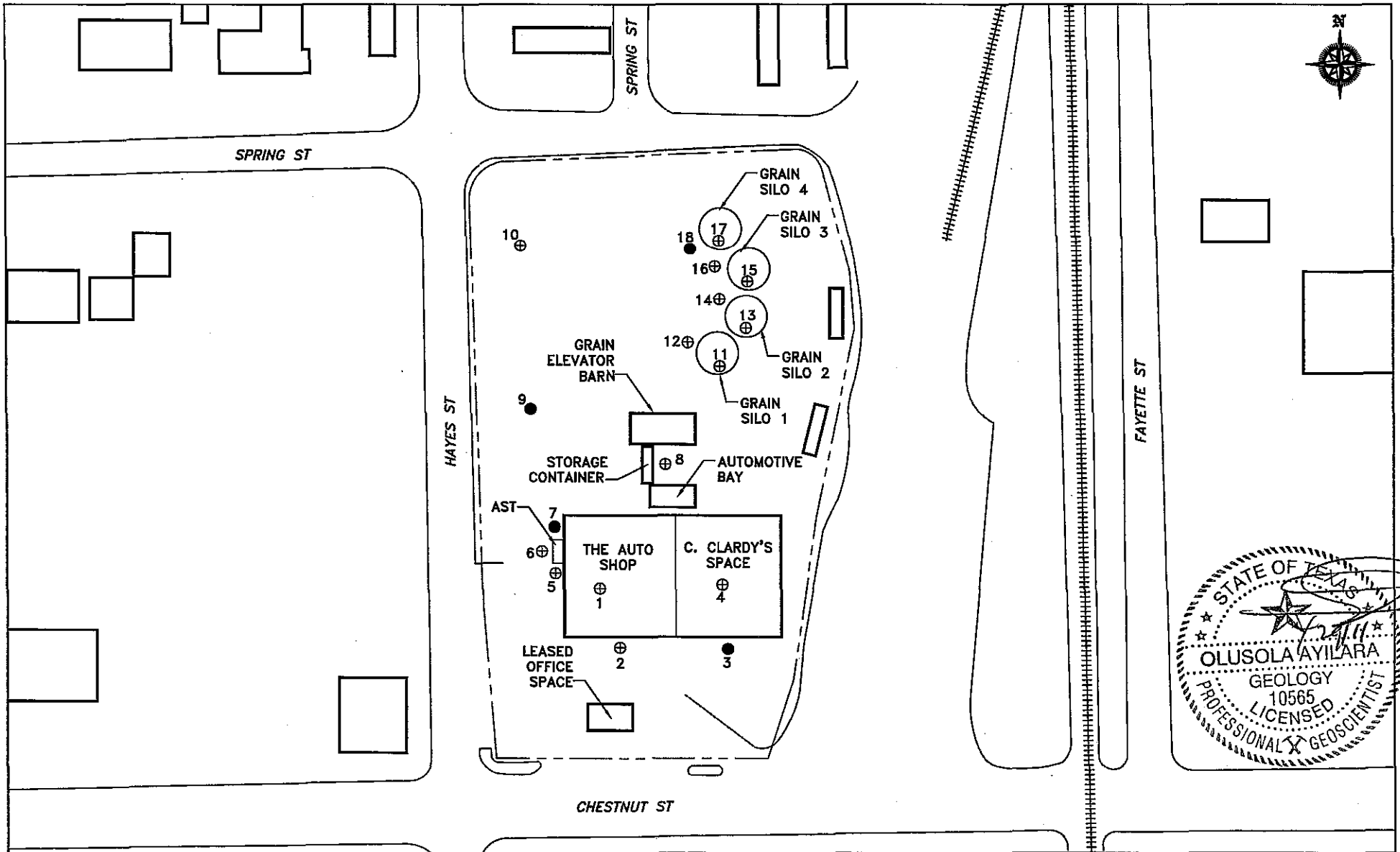
U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.

J - The analyte was analyzed for, but the associated numerical value may not be consistent with the amount actually present in the environmental sample or may not be consistent with the sample detection or quantitation limit. The value is an estimated quantity.

BOLD - Exceeds $^{GW}SOIL_{Ing}$ for Residential Soil of a 0.5 Acre Source Area

BOLD - Exceeds $^{Tot}SOIL_{Comb}$ for Residential Soil of a 0.5 Acre Source Area

All values are in milligrams per kilogram (mg/kg) on a dry weight basis.



ecology and environment, inc.
Dallas, Texas
Global Environmental Specialists

FIGURE 4-1
ANALYTICAL RESULTS LOCATION MAP
BASTROP FINE ARTS GUILD
TARGETED BROWNFIELDS ASSESSMENT SITE
BASTROP, BASTROP COUNTY, TEXAS

JOB#: 002338.TU11.01	Date: MARCH 2011
File Name: 2338TU011C.DWG	P.M.: D. BEESON

5 Findings and Conclusions

5.1 Recognized Environmental Conditions

The Limited Phase II ESA assessed VOCs, SVOCs, TPHs, RCRA metals, pH, and pesticides in shallow surface soil associated with historic use of the Bastrop Site. The assessment included advancement of 18 shallow soil borings to approximately 3 ft bgs and soil sample collection from each soil boring at depth intervals of 0 to 0.5 ft bgs and 2 to 3 ft bgs.

5.2 Affected Media

The shallow surface soil at the Bastrop Site had concentrations of RCRA metals and TPHs detected above their respective residential Tier 1 $^{GW}Soil_{Ing}$ PCL.

5.3 Evaluation of Media Quality

The Limited Phase II ESA provides sufficient data to confirm the presence of RCRA metals, VOCs, SVOCs, and TPHs in soil samples collected at the Bastrop Site. Groundwater was not evaluated under this Limited Phase II ESA.

5.4 Conclusions

The Limited Phase II ESA addressed shallow surface soil contamination at the Bastrop Site, based upon historic use of the site and analytical results from the previous soil investigation reported in the July 2010 Phase I ESA. No other potential recognized environmental conditions were evaluated in this report.

Based on results from the previous soil investigation and this limited Phase II ESA, the TCEQ made recommendations to address chemicals of concern that exceeded the RALs in several areas of the site. E & E concurs with the following recommendations made by the TCEQ:

Above-ground Storage Tank (AST) Area: The recommendation to address TPH soil contamination above the critical RAL identified with the AST containment drain area is to:

- Remove the AST and concrete secondary containment,
- Excavate soil in the drain area and collect confirmation soil samples to ensure the soils remaining in place meet the critical RALs, and
- Classify excavated soil for offsite disposal.

Grain Silos: The recommendation to address the soil beneath the concrete floors of Grain Silo 1, Grain Silo 2 and Grain Silo 3 documented to exceed Human Health metal PCLs is to:

- Remove the concrete floors,
- Excavate soil and collect confirmation soil samples to ensure the soils remaining in place meet the critical RALs for metals. The confirmation soil samples collected from Grain Silo 2 will need to be analyzed for TPH to ensure the soils remaining in place meet the critical RALs since one of the samples also exceeded RAL for TPH, and
- Classify excavated soil for offsite disposal.

General Site Area: Calculate site specific Tier 2 PCLs that demonstrates that the metal concentrations (arsenic, barium, lead, selenium, silver and mercury) are protective of groundwater in various locations across the site.

6 References

ASTM E1903 – 97 (Reapproved 2002) – *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process.*

Bastrop Central Appraisal District
http://www.bastropcad.org/Appraisal/PublicAccess/PropertyDetail.aspx?PropertyID=358843&dbKeyAuth=Appraisal&TaxYear=2011&NodeID=11&PropertyOwnerID=492574

Bureau of Economic Geology. 1981, *Geologic Atlas of Texas, Austin Sheet*, The University of Texas at Austin, Austin, Texas.

Loomis Partners, 2010, *Phase I Environmental Site Assessment, July 9, 2010.*

Texas Water Development Board, Water Information Integration and Dissemination System.
http://wiid.twdb.state.tx.us/ims/wwm_drl/viewer.htm?

TRRP, 2009, *Critical PCLs, RG-366/TRRP-24, Revised March 2009.*

TRRP, 2010, *Affected Property Assessment Requirements Under TRRP, RG-366/TRRP-12, Revised May 2010.*

TRRP, 2010, *TRRP Tier 1 PCL Tables, Texas Commission on Environmental Quality, March 31, 2010.*

United States Department of Agriculture, Soil Conservation Service, *Soil Survey, of Bastrop County, Texas, March 1979.*

A Photographic Documentation

#1 Boring at SB-1 inside the western section of the main building. **Date** January 2011 **Direction** North **Photographer** Olusola Ayilara	
#2 Boring at SB-4 inside the eastern section of the main building. **Date** January 2011 **Direction** South **Photographer** Olusola Ayilara	

#3 Boring at SB-2 in front of the main building entrance. **Date** January 2011 **Direction** South **Photographer** Olusola Ayilara	
#4 Boring at SB-17 inside grain silo 4. **Date** January 2011 **Direction** Northeast **Photographer** Olusola Ayilara	

#5 Boring at SB-14 in front of grain silo 2. **Date** January 2011 **Direction** Southeast **Photographer** Olusola Ayilara	
#6 Core sample from SB-15 with PID prior to sample collection. **Date** January 2011 **Direction** **Photographer** Olusola Ayilara	

#7 Cleaning after boring completion. **Date** January 2011 **Direction** East **Photographer** Olusola Ayilara	
#8 IDW drums stage area west of the main building. **Date** January 2011 **Direction** North **Photographer** Olusola Ayilara	

B Soil Boring Logs

)

DRILLING LOG OF WELL/BORING NO. SB-1

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Near the excavated area inside the Auto Shop
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above): _____
Inner Casing Elevation (TOC): _____
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Black SILTY CLAY with Organic material. Low plasticity and dry.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2									
				2.5						
	3			3.0 Light brown SILTY SAND with angular gravelly sand. Poorly sorted, dry and graded upper contact.						Soil samples collected at 2-3 ft bgs.
				END OF BORING AT 3 FEET BGS						
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-2

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Front entrance to the Auto Shop
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Top Soil: Dark brown SILTY CLAY with organic material. Low plasticity and dry.		0				Soil samples collected at 0-0.5 ft bgs.
				1.5						
	2			Black SILTY CLAY with gravelly sand and organic material. Low plasticity, dry to slightly moist and graded upper contact.			3			
	3			3.0						Soil samples collected at 2-3 ft bgs.
				END OF BORING AT 3 FEET BGS						
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-3

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Front entrance to the Clardy's Space
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
		Sealed with 3/8" Chips Hydrated Sodium-Bentonite		Top Soil: Black GRAVELLY SAND with silt.						
				0.5 Dark brown SILTY CLAY with organic material. Low plasticity, dry to slightly moist and graded upper contact.		0				Soil samples collected at 0-0.5 ft bgs.
	1									
	2						3			
				3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-4

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Inside the Clardy's Space
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Dark brown SILTY CLAY with organic material. Low plasticity and dry to slightly moist.		0				Soil samples collected at 0-0.5 ft bgs.
	2						3			
				2.5						
	3			3.0 Black SILTY SAND with gravelly sand. Poorly sorted, dry to slightly moist and graded upper contact. END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-5

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas

Boring Location: South of AST located next to the west entrance to the Auto Shop

Date Started/Finished: 1/21/2011 - 1/21/2011

Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.

Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3

Ground Elevation (feet above):

Inner Casing Elevation (TOC):

Groundwater Depth (feet BGS):

First Encountered: ▽ ____ Final: ▼ ____

Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
		Sealed with 3/8" Chips Hydrated Sodium-Bentonite		Top Soil: Reddish brown GRAVELLY CLAY with silt and sand. Low plasticity and dry. (0.5 – 0.8)						Soil samples collected at 0-0.5 ft bgs.
	1			Black SILTY SAND with gravelly sand. Poorly sorted, dry and graded upper contact.		0				
	2			Light brown to dark brown SILTY CLAY. Low plasticity, dry, and graded upper contact.			3			
	3			3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-6

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas

Boring Location: West of AST located next to the west entrance to the Auto Shop

Date Started/Finished: 1/21/2011 - 1/21/2011

Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.

Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3

Ground Elevation (feet above):

Inner Casing Elevation (TOC):

Groundwater Depth (feet BGS):

First Encountered: ▽ ____ Final: ▼ ____

Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Top Soil: Light brown GRAVELLY SAND with some clay. Poorly sorted. no plasticity and dry.		0	3			Soil samples collected at 0-0.5 ft bgs.
				1.0 Black SILTY SAND with gravelly sand and clay. Dry, poorly sorted and graded upper contact.						
	2			1.5 Dark brown SILTY CLAY. Low plasticity, dry and graded upper contact.						
	3			3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-7

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas

Boring Location: Northwest of AST located next to the west entrance to the Auto Shop

Date Started/Finished: 1/21/2011 - 1/21/2011

Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.

Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3

Ground Elevation (feet above):

Inner Casing Elevation (TOC):

Groundwater Depth (feet BGS):

First Encountered: ▽ ____ Final: ▼ ____

Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
		Sealed with 3/8" Chips Hydrated Sodium-Bentonite		0.3 Top Soil: Reddish brown SILTY SAND. Poorly sorted and dry.						
	1			1.0 Black SILTY SAND. Poorly sorted, dry, slightly cemented and graded upper contact.		0				Soil samples collected at 0-0.5 ft bgs.
	2			Dark brown SILTY CLAY. Low plasticity and dry.			3			
	3			3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-8

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas

Boring Location: Located between Automotive Bay and Grain Elevator Barn

Date Started/Finished: 1/20/2011 - 1/20/2011

Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.

Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3

Ground Elevation (feet above): _____

Inner Casing Elevation (TOC): _____

Groundwater Depth (feet BGS):

First Encountered: ▽ ____ Final: ▼ ____

Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Top Soil: Black SILTY CLAY with Organic material. Low plasticity and dry.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2									
				2.5						
	3			3.0 Light brown SILTY SAND with angular gravelly sand. Poorly sorted, dry and graded upper contact.						Soil samples collected at 2-3 ft bgs.
	4			END OF BORING AT 3 FEET BGS						
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-9

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located west of Grain Elevator Barn
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Top Soil: Reddish brown GRAVELLY SAND with silt and clay. 1.0		0	3			Soil samples collected at 0-0.5 ft bgs.
	2			1.3 Black SILTY SAND with gravel. Poorly sorted, dry and graded upper contact. Dark brown SILTY CLAY. Low plasticity, dry and graded upper contact.						
	3			3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-10

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located northwest of the property
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		0.5 Top Soil: Reddish brown SILTY SAND with gravel. Poorly sorted and dry. Black SANDY SILT. Poorly sorted, dry and slightly cemented.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2									
	3			3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-11

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located inside the Grain Silo 1
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted, no cementation and dry.		0				Soil samples collected at 0-0.5 ft bgs.
				1.5						
	2			Black SANDY SILT. Moderately sorted, dry and sharp upper contact.			3			
				2.5						
	3			Dark brown SANDY SILT. Well sorted, dry and no cementation.						Soil samples collected at 2-3 ft bgs.
				3.0 END OF BORING AT 3 FEET BGS						
	4									
	5									
	6									
	7									
	8									
	9									
	10									

ecology and environment, inc.

PROJECT NAME: Bastrop TBA
WELL NO.: SB-11

DRILLING LOG OF WELL/BORING NO. SB-12

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located in front of Grain Silo 1
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ Final: ▼
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted and dry.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2									
				2.5						
	3			3.0 Dark brown SANDY SILT with gravelly sand. Moderately sorted, dry and graded upper contact. END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-13

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located inside the Grain Silo 2
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted and dry.		0				Soil samples collected at 0-0.5 ft bgs.
				1.8						
	2			Black SANDY SILT. Poorly sorted, graded upper contact and dry.			3			
				2.8						
	3			3.0 Dark brown SANDY SILT. Moderately sorted, dry and graded upper contact. END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-14

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located in front of Grain Silo 2
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted and slightly moist.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2									
				2.5						
	3			3.0 Dark brown to black SANDY SILT. Poorly sorted, dry and graded upper contact.						Soil samples collected at 2-3 ft bgs.
				END OF BORING AT 3 FEET BGS						
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-15

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located inside the Grain Silo 3
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ Final: ▼
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted and dry.		0				Soil samples collected at 0-0.5 ft bgs.
	2			2.0 Black GRAVELLY SAND with silt. Poorly sorted, graded upper contact and dry.			3			
	3			2.5 3.0 Dark brown SANDY SILT. Moderately sorted, dry and graded upper contact. END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-16

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located in front of Grain Silo 3
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ Final: ▼
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted and dry.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2			2.3						
				2.5 Black GRAVELLY SAND with silt. Poorly sorted, graded upper contact and dry.						
	3			3.0 Dark brown SANDY SILT with clay. Poorly sorted, dry and graded upper contact.						Soil samples collected at 2-3 ft bgs.
	4			END OF BORING AT 3 FEET BGS						
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-17

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located inside the Grain Silo 4
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Moderately sorted and dry.		0				Soil samples collected at 0-0.5 ft bgs.
				1.5						
	2			Black SILTY SAND with gravel. Poorly sorted, graded upper contact and dry.			3			
				2.0 Dark brown SANDY SILT with gravel. Moderately sorted, dry and graded upper contact.						
	3			3.0 END OF BORING AT 3 FEET BGS						Soil samples collected at 2-3 ft bgs.
	4									
	5									
	6									
	7									
	8									
	9									
	10									

DRILLING LOG OF WELL/BORING NO. SB-18

Project/Location: Bastrop TBA / 1204 Chestnut Street, Bastrop, Texas
Boring Location: Located in front of Grain Silo 4
Date Started/Finished: 1/20/2011 - 1/20/2011
Drilling Contractor: MagnaCore Drilling & Environmental Services, Inc.
Drill Method: Direct Push Method

Total Depth of Hole (feet BGS): 3
Ground Elevation (feet above):
Inner Casing Elevation (TOC):
Groundwater Depth (feet BGS):
First Encountered: ▽ ____ Final: ▼ ____
Geologist: Olusola Ayilara, P.G.

ELEVATION	DEPTH (feet)	WELL COMPLETION DIAGRAM	GRAPHIC LOG	SOIL/ROCK DESCRIPTION	SAMPLE INTERVAL	PID Readings (PPM)	RECOVERY (feet)	LEL (%)	Blow Counts	COMMENTS
Ground Surface Elevation				*ground surface (gs)*						Reviewed By:
	1	*Sealed with 3/8" Chips Hydrated Sodium-Bentonite*		Brown SANDY SILT. Poorly sorted and dry.		0	3			Soil samples collected at 0-0.5 ft bgs.
	2									
				2.8						
	3			3.0 Black SILTY SAND with gravel. Poorly sorted, graded upper contact and dry.						Soil samples collected at 2-3 ft bgs.
				END OF BORING AT 3 FEET BGS						
	4									
	5									
	6									
	7									
	8									
	9									
	10									

STATE OF TEXAS WELL REPORT for Tracking #244912

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-1, -4 & -8**
Address:	**819 Taylor Street** **Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street** **Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 In From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **Report is for three (3) soil borings: SB-1, SB-4, and SB-8**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking **#244912**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL	CASING, BLANK PIPE & WELL SCREEN DATA
From (ft) To (ft) Description **0 - 2.5 Very dark brown silty clay** **2.5 - 3 Very dark brown silty sand**	**No Data**

STATE OF TEXAS WELL REPORT for Tracking #244913

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-2**
Address:	**819 Taylor Street Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 in From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 - 1.5 Dark brown silty clay
1.5 - 3 Black silty clay; some gravelly sand

CASING, BLANK PIPE & WELL SCREEN DATA

No Data

STATE OF TEXAS WELL REPORT for Tracking #244914

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-3**
Address:	**819 Taylor Street Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 in From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well was plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL	CASING, BLANK PIPE & WELL SCREEN DATA
From (ft) To (ft) Description **0 - 0.5 Topsoil** **0.5 - 3 Dark brown silty clay**	**No Data**

STATE OF TEXAS WELL REPORT for Tracking #244915

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-5**
Address:	**819 Taylor Street** **Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street** **Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/21/2011**
Completed: **1/21/2011**

Diameter of Hole: Diameter: **2 In From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:

From (ft)	To (ft)	From (ft)	To (ft)	Cem/Bent	Sacks Used
None	**0**	**-**	**2**	**Cement**	**0.1**
2	**-**	**3**		**Bentonite**	**0.1**

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **No Data**

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(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 - 0.5 Topsoil
0.5 - 3 Dark brown silty clay

CASING, BLANK PIPE & WELL SCREEN DATA

No Data

STATE OF TEXAS WELL REPORT for Tracking #244916

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-6, -7 & -9**
Address:	**819 Taylor Street** **Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street** **Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/21/2011**
Completed: **1/21/2011**

Diameter of Hole: Diameter: **2 in From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **Report is for three (3) soil borings: SB-6, SB-7, and SB-9**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 - 1 Topsoil
1 - 1.25 Black silty sand
1.25 - 3 Dark brown silty clay

CASING, BLANK PIPE & WELL SCREEN DATA

No Data

STATE OF TEXAS WELL REPORT for Tracking #244917

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-10 : SB-14**
Address:	**819 Taylor Street** **Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street** **Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 In From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **Report is for five (5) soil borings: SB-10 through SB-14**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL	CASING, BLANK PIPE & WELL SCREEN DATA
From (ft) To (ft) Description **0 - 3 Brown to dark brown sandy silt**	**No Data**

STATE OF TEXAS WELL REPORT for Tracking #244918

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-15 & SB-16**
Address:	**819 Taylor Street Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 in From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:

From (ft)	To (ft)	From (ft)	To (ft)	Cem/Bent	Sacks Used
None	**0**	**2**	**Cement**		**0.1**
2	**3**	**Bentonite**			**0.1**

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 - 2 Brown sandy silt
2 - 2.5 Black gravelly sand
2.5 - 3 Dark brown sandy silt

CASING, BLANK PIPE & WELL SCREEN DATA

No Data

STATE OF TEXAS WELL REPORT for Tracking #244919

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-17**
Address:	**819 Taylor Street Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 in From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **No Data**

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Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL	CASING, BLANK PIPE & WELL SCREEN DATA
From (ft) To (ft) Description **0 - 1.5 Brown sandy silt** **1.5 - 2 Black silty sand** **2 - 3 Dark brown sandy silt**	**No Data**

STATE OF TEXAS WELL REPORT for Tracking #244920

Owner:	**U.S. Army Corps of Engineers**	Owner Well #:	**SB-18**
Address:	**819 Taylor Street** **Fort Worth , TX 76102**	Grid #:	**58-62-2**
Well Location:	**1204 Chestnut Street** **Bastrop , TX 78602**	Latitude:	**30° 06' 39" N**
Well County:	**Bastrop**	Longitude:	**097° 18' 46" W**
Elevation:	**No Data**	GPS Brand Used:	**Magellan**
Type of Work:	**New Well**	Proposed Use:	**Environmental Soil Boring**

Drilling Date: Started: **1/20/2011**
Completed: **1/20/2011**

Diameter of Hole: Diameter: **2 In From Surface To 3 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: **Open Hole**

Annular Seal Data: 1st Interval: **No Data**
2nd Interval: **No Data**
3rd Interval: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: The well **was** plugged within 48 hours.
Casing left in well: Cement/Bentonite left in well:
From (ft) To (ft) From (ft) To (ft) Cem/Bent Sacks Used
None 0 - 2 Cement 0.1
2 - 3 Bentonite 0.1

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No Data**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No Data**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **MagnaCore Drilling & Environmental Services**
906 W. McDermott Dr., #115-313
Allen , TX 75013

Driller License Number: **54735**

Licensed Well Driller Signature: **Cedric Cascio**

Registered Driller Apprentice Signature: **William Osley, Jr.**

Apprentice Registration Number: **58003**

Comments: **No Data**

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(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL	CASING, BLANK PIPE & WELL SCREEN DATA
From (ft) To (ft) Description **0 - 2.8 Brown sandy silt** **2.8 - 3 Black silty sand with gravel**	**No Data**

C Data Usability Summary

DATA USABILITY MEMORANDUM

Stephanie Chaffe reviewed one data package, 560-24119-1, from TestAmerica for the analysis of soil samples collected January 20 & 21, 2011 at Bastrop Fine Arts Guild in Bastrop, TX. Data were reviewed for conformance to the requirements of the guidance document, *Review and Reporting of COC Concentration Data (RG-366/TRRP-13)* and adherence to the *Quality Assurance Project Plan (QAPP) for Bastrop Fine Arts Guild EPA Region 6 Targeted Brownfields Assessment, March 18, 2011.* Results of this review/validation are summarized in table format in this memorandum.

Intended Use of Data: The soil and groundwater data will be assessed to ensure that it is of adequate quality to allow officials to confidently make decisions about the potential reuse of this Brownfields site.

Analyses requested included:

- SW-846-8260B – Volatile Organic Compounds (VOCs) by Gas Chromatography-Mass Spectrometry (GC/MS)
- SW-846-8270C – Semi-Volatile Organic Compounds (SVOCs) by Gas Chromatography-Mass Spectrometry (GC/MS)
- SW6020 – Trace Metals by Inductively Coupled Plasma/ Mass Spectrometry (ICP/MS)
- SW7471 – Hg (Manual Cold-Vapor Technique)
- D2216 – Percent Moisture
- SW-846-9045 – pH
- TX1005/TX1006 Total Petroleum Hydrocarbons
- 8081B – Organochlorine Pesticides by Gas Chromatography

Data were reviewed and validated as described in *QAPP for Bastrop Fine Arts Guild EPA Region 6 Targeted Brownfields Assessment, March 18, 2011.* The following laboratory submittals and field data were examined:

- the reportable data and the results of supporting quality control (QC) analyses,
- the case narratives, Laboratory Review Checklists (LRCs) and associated Exception Reports (ERs), and

- the chain-of-custody (C-O-C) and field information conveyed by the project manager regarding sampling procedures and samples collected.

The LRCs, associated ERs, and reportable data included in this review are attached to this DUS.

Introduction

A total of forty-six (46) samples were collected for analysis. These samples consisted of thirty-six (36) soil samples, three (3) soil field duplicate, one (1) soil IDW and six (6) trip blanks. These samples were analyzed for VOC, SVOC, TPH, RCRA metals, pesticides, pH and percent moisture. A list of the sample identifications cross-referenced to laboratory identifications is included in the lab data package on page 20 of 437.

Project Objectives

Inorganic Compounds (QAPP, Sec 4.1)

Lab Limits

Organic Compounds (QAPP, Sec 4.1)

Lab Limits

Field duplicates (QAPP Table 1-2)

RPD 40% aqueous and 70% soils

Data Review / Validation Results

Analytical Results

Soil analytical results are reported corrected for moisture content. Qualified sample data are listed in Table 3. All results were evaluated against the sample quantitation limit (SQL), defined as the method detection limit adjusted for sample-specific actions, such as dilutions or aliquot variations. The method quantitation limit (MQL) is defined as the lowest non-zero standard concentration in the calibration curve. Results are reported with a “J” flag if less than the MQL but greater than the SQL. Non-detected results are reported as less than the value of the SQL.

Table 1 - Field Precision

Sample Location	Method	Analyte	Unit	MQL	Sample	Dup	RPD	RPD Rating	Samp Qual
SBDup-2 / SB6-0-0.5	TX_1005	Over C12-C28	mg/kg	54.1	58.0	60.9	4.88%	Acceptable	None
	TX_1005	Over C28-C35	mg/kg	54.1	46.9	50.3	7.00%	Acceptable	None
	TX_1005	C6-C35	mg/kg	54.1	105	111	5.56%	Acceptable	None
	SW8270C	Bis(2-ethylhexyl) phthalate	ug/kg	355	116	167	36.0%	Acceptable	None
	SW8270C	Pyrene	ug/kg	355	ND	18.1	Not Calculable	Acceptable	None
	SW8270C	Benzo[g,h,i]perylene	ug/kg	355	ND	20.3	Not Calculable	Acceptable	None
	SW8270C	Fluoranthene	ug/kg	355	ND	19.5	Not Calculable	Acceptable	None
	SW8270C	Butyl benzyl phthalate	ug/kg	355	333	89.8	115%	Acceptable	None
	SW6020	Lead	mg/kg	0.493	121	33.7	113%	Acceptable	None
	SW6020	Arsenic	mg/kg	0.247	10.5	6.68	44.5%	Acceptable	None
	SW6020	Barium	mg/kg	0.247	43.3	35.0	21.2%	Acceptable	None
	SW6020	Cadmium	mg/kg	0.247	0.282	0.419	39.1%	Acceptable	None
	SW6020	Chromium	mg/kg	0.247	13.5	11.7	14.3%	Acceptable	None
	SW6020	Selenium	mg/kg	0.247	0.200	0.220	9.52%	Acceptable	None
	SW8260B	1,3,5-Trimethylbenzene	ug/kg	4.35	ND	0.233	Not Calculable	Acceptable	None
	SW8260B	Ethylbenzene	ug/kg	4.35	0.214	ND	Not Calculable	Acceptable	None
	SW8260B	Toluene	ug/kg	4.35	0.520	0.538	3.40%	Acceptable	None
	SW8260B	1,1-Dichloroethene	ug/kg	4.35	0.826	1.87	77.5%	Acceptable	None
	SW8260B	1,2,4-Trimethylbenzene	ug/kg	4.35	0.683	0.619	9.83%	Acceptable	None
	SW8260B	Xylenes, Total	ug/kg	13.1	0.751	0.621	19.0%	Acceptable	None
SBDup-3 / SB6-2-3	SW8270C	Bis(2-ethylhexyl) phthalate	ug/kg	363	59.5	49.9	17.6%	Acceptable	None
	SW6020	Lead	mg/kg	0.481	3.73	3.28	12.8%	Acceptable	None
	SW6020	Arsenic	mg/kg	0.241	1.70	1.80	5.71%	Acceptable	None
	SW6020	Barium	mg/kg	0.241	24.0	27.3	12.9%	Acceptable	None
	SW6020	Chromium	mg/kg	0.241	3.10	3.20	3.17%	Acceptable	None
	SW6020	Selenium	mg/kg	0.241	0.190	0.175	8.22%	Acceptable	None
	SW8260B	1,1-Dichloroethene	ug/kg	4.65	3.33	4.39	27.5%	Acceptable	None
	SW8260B	1,2,4-Trimethylbenzene	ug/kg	4.65	ND	0.413	Not Calculable	Acceptable	None
SB-Dup-1 / SB8-0-0.5	TX1005	Over C12-C28	mg/kg	12.6	16.6	ND	Not Calculable	Acceptable	None
	TX1005	Over C28-C35	mg/kg	12.6	18.9	ND	Not Calculable	Acceptable	None
	TX1005	C6-C35	mg/kg	12.6	35.5	ND	Not Calculable	Acceptable	None
	SW8270C	Bis(2-ethylhexyl) phthalate	ug/kg	371	232	31.7	152%	Not Acceptable	J
		Pyrene	ug/kg	371	83.3	ND	Not Calculable		None
		Benzo[g,h,i]perylene	ug/kg	371	57.2	ND	Not Calculable		None
	SW8270C	Benzo[b]fluoranthene	ug/kg	371	79.1	22.4	112%	Not Acceptable	J

	SW8270C	Fluoranthene	ug/kg	371	91.8	20.6	127%	Not Acceptable	J
	SW8270C	Benzo[a]pyrene	ug/kg	371		19.3	200%	Not Acceptable	J
	SW8270C	Chrysene	ug/kg	371	57.3	ND	Not Calculable		None
	SW8270C	Benzo[a]pyrene	ug/kg	371	52.6	ND	Not Calculable		None
	SW8270C	Benzo[a]anthracene	ug/kg	371	50.6	ND	Not Calculable		None
	SW8270C	Di-n-butyl phthalate	ug/kg	371	82.0	ND	Not Calculable		None
	SW8270C	Butyl benzyl phthalate	ug/kg	371	221	ND	Not Calculable		None
	SW6020	Lead	mg/kg	0.444	26.3	12.2	73.3%	Not Acceptable	J
	SW6020	Arsenic	mg/kg	0.222	3.74	3.30	12.5%	Acceptable	None
	SW6020	Barium	mg/kg	0.222	130	79.9	47.7%	Acceptable	None
	SW6020	Cadmium	mg/kg	0.222	0.443	0.0936	130%	Not Acceptable	J
	SW6020	Chromium	mg/kg	0.222	8.77	6.29	32.9%	Acceptable	None
	SW6020	Selenium	mg/kg	0.222	1.14	0.735	43.2%	Acceptable	None
	SW8260B	Ethylbenzene	ug/kg	4.51	0.347	0.410	16.6%	Acceptable	None
	SW8260B	1,3,5-Trimethylbenzene	ug/kg	4.51	0.914	0.493	59.8%	Acceptable	None
	SW8260B	Toluene	ug/kg	4.51	26.3	1.78	175%	Not Acceptable	J
	SW8260B	Acetone	ug/kg	22.6	ND	16.8	Not Calculable		None
	SW8260B	Benzene	ug/kg	4.51	ND	0.378	Not Calculable		None
	SW8260B	1,1-Dichloroethene	ug/kg	4.51	4.23	2.17	64.4%	Acceptable	None
	SW8260B	1,2,4-Trimethylbenzene	ug/kg	4.51	0.918	1.98	73.3%	Not Acceptable	J
	SW8260B	Xylenes, Total	ug/kg	13.5	0.840	2.12	86.5%	Not Acceptable	J

Table 2 - Summary of Qualified Data

Work Order	Method	Sample ID	Analyte	Result (mg/L)	Validation Qualifier	Reason for Qualification
560-24119-1	8260	SB3-2-3	Acetone	9.62	JH	High Surrogate %R 1,2-Dichoroethane-d4
560-24119-1	8260	SB18-0-0.5	1,1-Dichloroethene	0.860	JH	High Surrogate %R 1,2-Dichoroethane-d4
560-24119-1	8260	SB18-0-0.5	Acetone	16.8	JH	High Surrogate %R 1,2-Dichoroethane-d4
560-24119-1	8260	SB4-0-0.5	1,1-Dichloroethene	0.794	JH	High Surrogate %R 1,2-Dichoroethane-d4
560-24119-1	8260	SB4-0-0.5	Acetone	12.9	JH	High Surrogate %R 1,2-Dichoroethane-d4
560-24119-1	8260	SB4-0-0.5	Xylenes	0.728	JH	High Surrogate %R 1,2-

Work Order	Method	Sample ID	Analyte	Result (mg/L)	Validation Qualifier	Reason for Qualification
						Dichoroethane-d4
560-24119-1	8260	SB16-2-3	1,1-Dichloroethene	1.13	JH	High Surrogate %R 1,2-Dichoroethane-d4
560-24119-1	8260	SB14-0-0.5	All		JL/UJL	Low Surrogate %R Dibromofluoromethane
560-24119-1	8260	SB17-0-0.5	trans-1,3-Dichloropropene	ND	UJL	Low %R in LCS
560-24119-1	8260	SB9-0-0.5	trans-1,3-Dichloropropene	ND	UJL	Low %R in LCS
560-24119-1	8260	SB10-2-3	Vinyl Acetate	ND	R	MS/MSD<10%R – reject ND
560-24119-1	8260	SB10-2-3	1,2,3-Trichloropropane	ND	UJ	High RPD in MS/MSD HIgh %R in MS/MSD
560-24119-1	8260	SB10-2-3	Ethyl Acetate	ND	UJ	High RPD in MS/MSD
560-24119-1	8260	SB9-0-0.5	1,2,4-Trimethylbenzene	0.518	JH	HIgh %R in MS/MSD
560-24119-1	8270	SB10-2-3	1,2-Dichlorobenzene	ND	UJ	High RPD in MS/MSD Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2,4-Dinitrophenol	ND	UJ	High RPD in MS/MSD Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Phenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Bis(2-chloroethyl)ether	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2-Chlorophenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	1,3-Dichlorobenzene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	1,4-Dichlorobenzene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Benzyl alcohol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	1,2-Dichlorobenzene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2-Methylphenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	3 & 4 Methylphenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	n-Nitrosodi-n-propylamine	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Hexachloroethane	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Nitrobenzene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Isophorone	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2-Nitrophenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2,4-Dimethylphenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Bis(2-chloroethoxy)methane	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2,4-Dichlorophenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	1,2,4-Trichlorobenzene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Naphthalene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Hexachlorobutadiene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	Hexachlorocyclopentadiene	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	2,4-Dinitrophenol	ND	UJL	Low %R in MS/MSD
560-24119-1	8270	SB10-2-3	4,6-Dinitro-2-methylphenol	ND	UJL	Low %R in MS/MSD
560-24119-1	6020	SB10-2-3	Arsenic	1.85	JL	Low %R in MS/MSD
560-24119-1	6020	SB9-0-0.5	Barium	25.8	JH	High %R in MS/MSD
560-24119-1	6020	SB9-0-0.5	Lead	11.4	J	High %R in MS/MSD High RPD in MS/MSD
560-24119-1	6020	SB9-0-0.5	Mercury	ND	UJ	Hidh %R in MS/MSD
560-24119-1	6020	SB10-2-3	Selenium	0.256	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB11-0-0.5	Selenium	0.152	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB12-0-0.5	Selenium	0.168	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB13-0-0.5	Selenium	0.194	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB14-0-0.5	Selenium	0.131	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB15-0-0.5	Selenium	0.158	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB16-0-0.5	Selenium	0.182	U at the RL	Method Blank Contamination <RL

Work Order	Method	Sample ID	Analyte	Result (mg/L)	Validation Qualifier	Reason for Qualification
560-24119-1	6020	SB17-0-0.5	Selenium	0.186	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB18-0-0.5	Selenium	0.161	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB18-2-3	Selenium	0.140	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB6-0-0.5	Selenium	0.200	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB6-2-3	Selenium	0.190	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB7-2-3	Selenium	0.182	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB9-0-0.5	Selenium	0.208	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SBDUP-2	Selenium	0.220	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SBDUP-3	Selenium	0.175	U at the RL	Method Blank Contamination <RL
560-24119-1	6020	SB1-0-0.5	Selenium	0.622	J	Method Blank Contamination <RL
560-24119-1	6020	SB10-0-0.5	Selenium	0.326	J	Method Blank Contamination <RL
560-24119-1	6020	SB11-2-3	Selenium	2.31	J	Method Blank Contamination <RL
560-24119-1	6020	SB12-2.3	Selenium	0.391	J	Method Blank Contamination <RL
560-24119-1	6020	SB1-2-3	Selenium	0.705	J	Method Blank Contamination <RL
560-24119-1	6020	SB13-2-3	Selenium	2.75	J	Method Blank Contamination <RL
560-24119-1	6020	SB14-2-3	Selenium	0.519	J	Method Blank Contamination <RL
560-24119-1	6020	SB15-2-3	Selenium	5.21	J	Method Blank Contamination <RL
560-24119-1	6020	SB16-2-3	Selenium	4.65	J	Method Blank Contamination <RL
560-24119-1	6020	SB17-2-3	Selenium	2.09	J	Method Blank Contamination <RL
560-24119-1	6020	SB2-0-0.5	Selenium	0.267	J	Method Blank Contamination <RL
560-24119-1	6020	SB2-2-3	Selenium	0.914	J	Method Blank Contamination <RL
560-24119-1	6020	SB3-0-0.5	Selenium	0.872	J	Method Blank Contamination <RL
560-24119-1	6020	SB3-2-3	Selenium	0.409	J	Method Blank Contamination <RL
560-24119-1	6020	SB4-0-0.5	Selenium	0.436	J	Method Blank Contamination <RL
560-24119-1	6020	SB4-2-3	Selenium	1.17	J	Method Blank Contamination <RL
560-24119-1	6020	SB5-0-0.5	Selenium	0.637	J	Method Blank Contamination <RL
560-24119-1	6020	SB5-2-3	Selenium	0.276	J	Method Blank Contamination <RL
560-24119-1	6020	SB7-0-0.5	Selenium	1.34	J	Method Blank Contamination <RL
560-24119-1	6020	SB8-0-0.5	Selenium	1.14	J	Method Blank Contamination <RL
560-24119-1	6020	SB8-2-3	Selenium	0.490	J	Method Blank Contamination <RL
560-24119-1	6020	SB9-2-3	Selenium	0.278	J	Method Blank Contamination <RL
560-24119-1	6020	SBDUP-1	Selenium	0.735	J	Method Blank Contamination <RL
560-24119-1	6020	SB10-0-0.5	Arsenic	2.85	J	Method Blank Contamination <RL
560-24119-1	6020	SB10-2-3	Arsenic	1.85	J	Method Blank Contamination <RL
560-24119-1	6020	SB13-0-0.5	Arsenic	1.32	J	Method Blank Contamination <RL
560-24119-1	6020	SB13-2-3	Arsenic	42.4	J	Method Blank Contamination <RL
560-24119-1	6020	SB14-0-0.5	Arsenic	1.22	J	Method Blank Contamination <RL
560-24119-1	6020	SB14-2-3	Arsenic	2.55	J	Method Blank Contamination <RL
560-24119-1	6020	SB15-0-0.5	Arsenic	1.19	J	Method Blank Contamination <RL
560-24119-1	6020	SB15-2-3	Arsenic	3.51	J	Method Blank Contamination <RL
560-24119-1	6020	SB16-0-0.5	Arsenic	1.41	J	Method Blank Contamination <RL
560-24119-1	6020	SB16-2-3	Arsenic	6.90	J	Method Blank Contamination <RL
560-24119-1	6020	SB17-0-0.5	Arsenic	1.13	J	Method Blank Contamination <RL
560-24119-1	6020	SB17-2-3	Arsenic	2.50	J	Method Blank Contamination <RL
560-24119-1	6020	SB18-0-0.5	Arsenic	0.999	J	Method Blank Contamination <RL
560-24119-1	6020	SB18-2-3	Arsenic	1.56	J	Method Blank Contamination <RL
560-24119-1	8270	SB1-0-0.5	Bis(2-ethylhexyl) phthalate	61.1	U	Method Blank Contamination <RL
560-24119-1	8270	SB11-0-0.5	Bis(2-ethylhexyl) phthalate	61.6	U	Method Blank Contamination <RL

Work Order	Method	Sample ID	Analyte	Result (mg/L)	Validation Qualifier	Reason for Qualification
560-24119-1	8270	SB11-2-3	Bis(2-ethylhexyl) phthalate	62.5	U	Method Blank Contamination <RL
560-24119-1	8270	SB12-0-0.5	Bis(2-ethylhexyl) phthalate	83.3	U	Method Blank Contamination <RL
560-24119-1	8270	SB12-2.3	Bis(2-ethylhexyl) phthalate	69.8	U	Method Blank Contamination <RL
560-24119-1	8270	SB1-2-3	Bis(2-ethylhexyl) phthalate	157	U	Method Blank Contamination <RL
560-24119-1	8270	SB2-0-0.5	Bis(2-ethylhexyl) phthalate	77.0	U	Method Blank Contamination <RL
560-24119-1	8270	SB2-2-3	Bis(2-ethylhexyl) phthalate	73.6	U	Method Blank Contamination <RL
560-24119-1	8270	SB3-0-0.5	Bis(2-ethylhexyl) phthalate	171	U	Method Blank Contamination <RL
560-24119-1	8270	SB3-2-3	Bis(2-ethylhexyl) phthalate	131	U	Method Blank Contamination <RL
560-24119-1	8270	SB5-0-0.5	Bis(2-ethylhexyl) phthalate	105	U	Method Blank Contamination <RL
560-24119-1	8270	SB5-2-3	Bis(2-ethylhexyl) phthalate	62.1	U	Method Blank Contamination <RL
560-24119-1	8270	SB6-0-0.5	Bis(2-ethylhexyl) phthalate	116	U	Method Blank Contamination <RL
560-24119-1	8270	SB6-2-3	Bis(2-ethylhexyl) phthalate	59.5	U	Method Blank Contamination <RL
560-24119-1	8270	SB7-0-0.5	Bis(2-ethylhexyl) phthalate	68.5	U	Method Blank Contamination <RL
560-24119-1	8270	SB7-2-3	Bis(2-ethylhexyl) phthalate	46.7	U	Method Blank Contamination <RL
560-24119-1	8270	SB9-0-0.5	Bis(2-ethylhexyl) phthalate	94.3	U	Method Blank Contamination <RL
560-24119-1	8270	SBDUP-2	Bis(2-ethylhexyl) phthalate	167	U	Method Blank Contamination <RL
560-24119-1	8270	SBDUP-3	Bis(2-ethylhexyl) phthalate	49.9	U	Method Blank Contamination <RL
560-24119-1	8260	SB11-2-3	Acetone	10.5	U	Method Blank Contamination <RL
560-24119-1	8260	SB13-0-0.5	Acetone	10.5	U	Method Blank Contamination <RL
560-24119-1	8260	SB13-2-3	Acetone	29.5	U	Method Blank Contamination <RL
560-24119-1	8260	SB15-0-0.5	Acetone	26.8	U	Method Blank Contamination <RL
560-24119-1	8260	SB16-0-0.5	Acetone	16.8	U	Method Blank Contamination <RL
560-24119-1	8260	SB18-2-3	Acetone	12.7	U	Method Blank Contamination <RL
560-24119-1	8260	SB7-2-3	1,2,3-Trichlorobenzene	0.342	U	Method Blank Contamination <RL
560-24119-1	8260	SBDUP-1	Acetone	16.8	U	Method Blank Contamination <RL
560-24119-1	TX1006	SB13-2-3	Over C6-C35 aliphatics	149	J	Method Blank Contamination <RL
560-24119-1	TX1006	SB5-0-0.5	Over C6-C35 aliphatics	207	J	Method Blank Contamination <RL
560-24119-1	TX1006	SB13-2-3	nC6 Aliphatics	25.2	U	Method Blank Contamination <RL
560-24119-1	TX1006	SB5-0-0.5	nC6 Aliphatics	19.5	U	Method Blank Contamination <RL
560-24119-1	TX1005	SB1-0-0.5	Over C12-C28	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-0-0.5	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-0-0.5	C6-C12	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-0-0.5	C6-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-2-3	Over C12-C28	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-2-3	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-2-3	C6-C12	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB1-2-3	C6-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-0-0.5	Over C12-C28	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-0-0.5	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-0-0.5	C6-C12	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-0-0.5	C6-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-2-3	Over C12-C28	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-2-3	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-2-3	C6-C12	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB2-2-3	C6-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB3-0-0.5	Over C12-C28	12.8	J	Holding Time Exceeded
560-24119-1	TX1005	SB3-0-0.5	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB3-0-0.5	C6-C12	ND	UJ	Holding Time Exceeded

Work Order	Method	Sample ID	Analyte	Result (mg/L)	Validation Qualifier	Reason for Qualification
560-24119-1	TX1005	SB3-0-0.5	C6-C35	12.8	J	Holding Time Exceeded
560-24119-1	TX1005	SB4-0-0.5	Over C12-C28	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB4-0-0.5	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB4-0-0.5	C6-C12	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB4-0-0.5	C6-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB4-2-3	Over C12-C28	15.8	J	Holding Time Exceeded
560-24119-1	TX1005	SB4-2-3	Over C28-C35	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB4-2-3	C6-C12	ND	UJ	Holding Time Exceeded
560-24119-1	TX1005	SB4-2-3	C6-C35	15.8	J	Holding Time Exceeded
560-24119-1	8260B	SB11-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB12-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB12-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB5-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB6-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB-DUP2	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB1-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB1-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB2-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB2-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB3-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB-DUP1	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB17-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB13-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB14-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB16-0-0.5	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB16-2-3	All		UJ/J	Poor Internal Standard Responses
560-24119-1	8260B	SB10-0-0.5	All		UJ/J	Poor Internal Standard Responses

UJ- The analyte was analyzed for but was not detected above the reported SQL. The associated value is an estimate and may be inaccurate or imprecise.
J- Estimated data; the reported quantitation limit or sample concentration is approximated due to exceedance of one ore more QC requirements.
H- Bias in sample result likely to be high.
L- Bias in sample result likely to be low.

Attachment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 560-24119-1

SDG Number: Project # 56002807

Job Description: Bastrop TBA

For:
Ecology and Environment, Inc.
1412 Main Street
Suite 1500
Dallas, TX 75202

Attention: David Beeson

Approved for release.
Lindy Maingot
Account Executive
2/10/2011 9:09 AM

Lindy Maingot
Account Executive
lindy.maingot@testamericainc.com
02/10/2011

cc: Olusola Ayilara
Ms. Stephanie Chaffe
Mr. Patrick Johnson
Mr. Bryan Kroon

The test results entered in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in the report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Corpus Christi Certifications and Approvals: NELAC TX T104704210-TX, NELAC KS E-10362, Oklahoma 9968, USDA Soil Permit P330-08-00033.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Corpus Christi
TRRP Data Package Cover Page

Job Number: 560-24119
Project Name/Number: Bastrop TBA

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: "I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data has been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld."

Lindy Maingot
Name (printed)

Signature

2-10-11
Date

Project Manager
Official Title (printed)

S. Chaffe

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Corpus Christi
TRRP Laboratory Review Checklist – Supporting Data

LRC Date: February 9, 2011	Laboratory Job Number: 560-24119
Reviewer Name: Lindy Maingot	Project Name/Number: Bastrop TBA

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did all samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report or case narrative?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding time?	X				
		2) Other than those results <MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035			X		
		9) If required for the project, TICs reported?	X				
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			1
R5	OI	TEST REPORTS/SUMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations <MQL?	X				2
R6	OI	LABORATORY CONTROL SAMPLES (LCS)					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		X			3
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				4
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			4
		4) Were MS/MSD RPDs within laboratory QC limits?		X			4
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	METHOD QUANTITATION LIMITS (MQLs)					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCS included in the laboratory data package?	X				

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LRC Date: February 9, 2011	Laboratory Job Number: 560-24119
Reviewer Name: Lindy Maingot	Project Name/Number: Bastrop TBA

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC, ER, or case narrative?	X				5
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				
S1	OI	INITIAL CALIBRATION (ICAL)					
		1) Were response factors and/or relative response factors for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICV and CCV) AND CONTINUING CALIBRATION BLANK (CCB)					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analytes within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB <MDL?	X				
S3	O	MASS SPECTRAL TUNING					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	INTERNAL STANDARDS (IS)					
		1) Were IS area counts and retention times within the method-required QC limits?		X			6
S5	OI	RAW DATA (NELAC SECTION 5.5.10)					
		1) Were the raw data (e.g. chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	DUAL COLUMN CONFIRMATION					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	TENTATIVELY IDENTIFIED COMPOUNDS (TICs)					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	INTERFERENCE CHECK SAMPLE (ICS) RESULTS					
		1) Were percent recoveries within method QC limits?	X				
S9	I	SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD ADDITIONS					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	METHOD DETECTION LIMIT (MDL) STUDIES					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCS?	X				
S11	OI	PROFICIENCY TEST REPORTS					
		1) Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	STANDARDS DOCUMENTATION					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	COMPOUND/ANALYTE IDENTIFICATION PROCEDURES					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	DEMONSTRATION OF ANALYST COMPETENCY (DOC)					
		1) Was DOC conducted consistent with NELAC Chapter 5?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				

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LRC Date: February 9, 2011	Laboratory Job Number: 560-24119
Reviewer Name: Lindy Maingot	Project Name/Number: Bastrop TBA

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S15	OI	VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS (NELAC CHAPTER 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	LABORATORY STANDARD OPERATING PROCEDURES (SOPs)					
		1) Are laboratory SOPs current and on file for each method performed?	X				

EXCEPTION REPORTS

ER#[5]	DESCRIPTION
1	EPA Method 8260B (QC Batch #560-55735) The percent recovery results for 1, 2-Dichloroethane-d4 surrogate associated with samples 21 and 30 were outside acceptable limits. All other surrogates were within acceptable limits and these samples did not contain any target analytes above the MQL. Therefore, re-extraction and/or re-analysis were not performed. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55735) The percent recovery results for 1, 2-Dichloroethane-d4 surrogate and Dibromofluoromethane surrogate associated with sample 22 were outside acceptable limits. All other surrogates were within acceptable limits and this sample did not contain any target analytes above the MQL. Therefore, re-extraction and/or re-analysis were not performed. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55735) The percent recovery results for 1, 2-Dichloroethane-d4 surrogate associated with sample 40 were outside acceptable limits. All other surrogates were within acceptable limits and this sample did not contain any target analytes above the MQL. Therefore, re-extraction and/or re-analysis were not performed. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55942) The percent recovery results for Dibromofluoromethane surrogate associated with sample 35 were outside acceptable limits. There was evidence of matrix interference. Re-extraction and re-analysis was performed with concurring results. All other surrogates were within acceptable limits and this sample did not contain any target analytes above the MQL. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55725) The percent recovery results for 2-Fluorophenol surrogate, Phenol-d5 surrogate, Nitrobenzene-d5 surrogate and 2-Fluorobiphenyl surrogate in the MS/MSD associated with sample 45 were outside acceptable limits. The surrogate recovery for the sample was within acceptable limits. All other quality control was within acceptable limits. Therefore, data are reported.
2	EPA Method 6020B (QC Batch #560-55875) The following compound was detected in the method blank associated with samples 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21 and 42: Selenium. The concentration of Selenium was above the MDL, but below the RL. Therefore, data are reported. EPA Method 6020B (QC Batch #560-55875) The following compounds were detected in the method blank associated with samples 22, 23, 25, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 43, 44 and 45: Selenium and Arsenic. The concentration of Selenium and Arsenic was above the MDL, but below the RL. Therefore, data are reported. EPA Method 8270C (QC Batch #560-55757) The following compound was detected in the method blank associated with samples 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21 and 42: Bis (2-ethylhexyl) phthalate. The concentration of Bis (2-ethylhexyl) phthalate was above the MDL, but below the RL. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55739) The following compound was detected in the method blank associated with sample 2: 1, 2, 3-Trichlorobenzene. The concentration of 1, 2, 3-Trichlorobenzene was above the MDL, but below the RL. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55942) The following compound was detected in the method blank associated with samples 44, 25, 31, 33, 34, 35, 37 and 39: Acetone. The concentration of Acetone was above

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Reviewer Name: Lindy Maingot	Project Name/Number: Bastrop TBA

	the MDL, but below the RL. Therefore, data are reported. TCEQ Method TX1006 (QC Batch #560-56010) The following compounds were detected in the method blank associated with samples 9 and 34: nC6 Aliphatics and Over C6-C35 Aliphatics. The concentration of nC6 Aliphatics and Over C6-C35 Aliphatics were above the MDL, but below the RL. Therefore, data are reported.
3	EPA Method 8260B (QC Batch #560-55687) The laboratory control sample (LCS) recovery for 2-Hexanone was biased high. Samples 2, 3 and 9 were non-detect for this analyte. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55942) The laboratory control sample (LCS) recovery for 2-Hexanone, 2-Nitropropane, MIBK and Ethyl Methacrylate was biased high. Samples 1, 4, 20, 25, 26, 27, 31, 33, 34, 35, 37 and 39 were non-detect for these analytes. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55984) The laboratory control sample (LCS) recovery for 2-Hexanone, MIBK and 2-Nitropropane was biased high. Samples 5, 7, 11, 13, 16, 17, 18, 23, 36, 38, 43 and 44 were non-detect for these analytes. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55851) Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows 3 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS had trans-1, 3-Dichloropropene outside acceptable limits; therefore, re-extraction/re-analysis was not performed. Samples 28 and 42 were non-detect for this analyte. These results have been reported and qualified.
4	EPA Method 8260B (QC Batch #560-55735) The percent recovery results for the MS/MSD pair associated with sample 45 were outside acceptable limits for Vinyl Acetate, 2-Nitropropnae, 4-Methyl-2-Pentanone (MIBK), 2-Hexanone, 1, 1, 2, 2-Tetrachloroethane and 1, 2, 3-Trichloropropane analytes. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55735) The relative percent deviation (RPD) was above acceptable limits for Ethyl Acetate and 1, 2, 3-Trichlorobenzene in the MS/MSD pair associated with sample 45. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 8260B (QC Batch #560-55851) The percent recovery results for the MS associated with sample 42 were outside acceptable limits for Acetonitrile, Vinyl acetate, 2, 2-Dichloropropane, 2-Nitropropane, 1, 1, 2-Trichloroethane, Chlorodibromomethane, 1, 1, 2, 2-Tetrachloroethane, 1, 2, 3-Trichloropropane, 1, 3, 5-Trimethylbenzene and 1, 2, 4-Trimethylbenzene analytes. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 8270C (QC Batch #560-55775) The percent recovery results for the MS/MSD pair or the MS or MSD associated with sample 45 were outside acceptable limits for various analytes. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 8270C (QC Batch #560-55775) The relative percent deviation (RPD) was above acceptable limits for 1, 2-Dichlorobenzene and 2, 4-Dinitrophenol in the MS/MSD pair associated with sample 45. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 6020 (QC Batch #560-55875) The percent recovery results for the MS/MSD pair associated with sample 45 were outside acceptable limits for Arsenic. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 6020 (QC Batch #560-55875) The percent recovery results for the MS/MSD pair associated with sample 42 were outside acceptable limits for Barium and Lead. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 6020 (QC Batch #560-55875) The relative percent deviation (RPD) was above acceptable limits for Lead in the MS/MSD pair associated with sample 42. The LCS was within acceptable limits. Therefore, data are reported. EPA Method 6020 (QC Batch #560-55715) The percent recovery results for the MS/MSD pair associated with

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Reviewer Name: Lindy Maingot	Project Name/Number: Bastrop TBA

	sample 42 were outside acceptable limits for Mercury. The LCS was within acceptable limits. Therefore, data are reported. Please note that MS/MSD pairs were analyzed at the minimum required frequency. However, none of the client's samples happened to be one of the MS/MSD samples for batches 560-55630, 560-55687, 560-55888, 560-55942, 560-55984, 560-55896 and 560-55671. The client specified MSD failed twice, and the remaining vial was analyzed in a different batch (there was only one vial remaining from the 9 vials received for 24119-42 and its MS/MSD). Because the MSD was analyzed the next day and linked to the MS and the source sample, the software is unable to calculate %R and %RPD for the MSD.
5 ✓	EPA Method 8270C (QC Batch #560-55725) Due to the sample matrix, samples 26 and 29 could not be concentrated to the final method required volume. The reporting limits are elevated proportionately. TCEQ Method TX1005 requires that soil samples be analyzed or frozen within 48 hours. The following samples were received at the lab after the 48 hour time frame expired: 16, 17, 18, 19, 20, 22 and 23.
6 ✓	EPA Method 8260B (QC Batch #560-55687/ 560-55735/ 560-55942/ 560-55888/ 560-55851/ 560-55984) Internal standard responses were outside of acceptance limits for the following samples 4, 5, 6, 7, 9, 11, 13, 16, 17, 18, 19, 20, 25, 28, 34, 36, 39, 40 and 44. The samples were re-analyzed with concurring results. The best set of data has been reported.

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

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Method: 6020 Soil **Digest 1g to 50ml**

Matrix: Soil **4th quarter 2010 DCS (Oct - Dec 2010), Job 560-22387**

Lowest ug/L	Highest ug/L		Analyte	MDL	DCS concs to be run in soil unit mg/Kg	4Q2010 DCS Run Date	4Q 2010 DCS Spike mg/Kg	4q 2010 DCS measured value mg/Kg	MDL used mg/Kg	MQL/RL in soil unit mg/Kg	
10	2000	Al	**Aluminum**	**1.204**	2 to 5mg/Kg	10/28/10	2.00	2.680	**1.20**	**2.50**	Aluminum
1	200	Sb	**Antimony**	**0.0961**	0.2 to 0.5mg/Kg	10/28/10	0.20	0.217	**0.0961**	**0.25**	Antimony
1	200	As	**Arsenic**	**0.0499**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.109	**0.0499**	**0.25**	Arsenic
1	200	Ba	**Barium**	**0.109**	0.2 to 0.5mg/Kg	10/28/10	0.20	0.360	**0.109**	**0.25**	Barium
1	200	Be	**Berrylium**	**0.0876**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.092	**0.0876**	**0.25**	Berrylium
2	400	B	**Boron**	**2.59**	3 to 5mg/Kg	10/28/10	5.00	5.460	**2.59**	**5.00**	Boron
1	200	Cd	**Cadmium**	**0.0721**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.095	**0.0721**	**0.25**	Cadmium
100	20000	Ca	**Calcium**	**13.8**	20 to 50mg/Kg	10/28/10	25.00	32.900	**13.8**	**25.0**	Calcium
1	200	Cr	**Chromium**	**0.112**	0.1 to 0.5mg/Kg	10/28/10	0.20	0.263	**0.112**	**0.25**	Chromium
1	200	Co	**Cobalt**	**0.0525**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.131	**0.0525**	**0.25**	Cobalt
1	200	Cu	**Copper**	**0.177**	0.2 to 0.5mg/Kg	10/28/10	0.25	0.273	**0.177**	**0.50**	Copper
100	20000	Fe	**Iron**	**5.53**	10 to 50mg/Kg	10/28/10	10.00	18.400	**5.53**	**25.0**	Iron
1	200	Pb	**Lead**	**0.205**	0.25 to 0.5mg/Kg	10/28/10	0.25	0.286	**0.205**	**0.50**	Lead
1	200	Li	**Lithium**	**0.0549**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.059	**0.0549**	**0.50**	Lithium
100	20000	Mg	**Magnesium**	**5.47**	10 to 50mg/Kg	10/28/10	10.00	11.000	**5.47**	**25.0**	Magnesium
10	2000	Mn	**Manganese**	**0.603**	1 to 2.5mg/Kg	10/28/10	1.00	1.550	**0.603**	**2.50**	Manganese
1	200	Mo	**Molybdenum**	**0.106**	0.2 to 0.5mg/Kg	10/28/10	0.20	0.231	**0.106**	**0.25**	Molybdenum
1	200	Ni	**Nickel**	**0.133**	0.2 to 0.5mg/Kg	10/28/10	0.25	0.301	**0.133**	**0.25**	Nickel
10	2000	P	**Phosphorus**	**2.24**	2.5 to 5mg/Kg	10/28/10	2.50	3.130	**2.24**	**5.00**	Phosphorus
100	20000	K	**Potassium**	**24.5**	25 to 50mg/Kg	10/28/10	50.00	46.200	**24.5**	**50.00**	Potassium
1	200	Se	**Selenium**	**0.0435**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.092	**0.0435**	**0.25**	Selenium
20	4000	Si	**Silicon**	**3.11**	4 - 10mg/Kg	10/28/10	4.00	8.090	**3.11**	**10.00**	Silicon
1	200	Ag	**Silver**	**0.0686**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.099	**0.0686**	**0.25**	Silver
100	20000	Na	**Sodium**	**28.1**	30 to 50mg/Kg	10/28/10	50.00	37.900	**28.1**	**50.00**	Sodium
1	200	Sr	**Strontium**	**0.0611**	0.1 to 0.5mg/Kg	10/28/10	0.10	0.105	**0.0611**	**0.25**	Strontium
0.5	100	Tl	**Thallium**	**0.0689**	0.1 to 0.25mg/Kg	10/28/10	0.10	0.130	**0.0689**	**0.25**	Thalium
1	200	Sn	**Tin**	**0.941**	1 to 2.5mg/Kg	10/28/10	1.00	1.530	**0.941**	**2.50**	Tin
1	200	Ti	**Titanium**	**0.0729**	0.1 to 0.5mg/Kg	10/28/10	0.20	0.246	**0.0729**	**0.25**	Titanium
1	200	U	**Uranium**	**0.0651**	0.1 to 0.25mg/Kg	10/28/10	0.10	0.100	**0.0651**	**0.25**	Uranium
1	200	V	**Vanadium**	**0.0573**	0.1 to 0.25mg/Kg	10/28/10	0.10	0.067	**0.0573**	**0.25**	Vanadium
1	200	Zn	**Zinc**	**0.768**	1 to 2.5mg/Kg	10/28/10	1.00	1.690	**0.768**	**1.25**	Zinc

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8081 Pesticides - Soil Matrix

DCS 1st Quarter 2011 (Jan - Mar 2011), Job#560-23816-2

Matrix: Soil 8081

Prep Factor = 0.333 based on Soil Extraction of 30g →to 10ml

SVGC#1B

Parameter	Matrix	MDL	DCS Run Date	Spike Range ug/Kg Min	Spike Range ug/Kg Max	DCS Spike Conc ug/Kg	1q2011 DCS Measured Value	Alter. DCS Conc ug/L	Alter. DCS Results ug/L	LowCal Std in aqueous unit ug/L
4,4'-DDD	Soil	0.0881	01/13/11	0.0881	0.2643	0.17	0.1240			5.0
4,4'-DDE	Soil	0.0833	01/13/11	0.0833	0.2499	0.17	0.1020			5.0
4,4'-DDT	Soil	0.1338	01/13/11	0.1338	0.4014	0.33	0.322			5.0
Aldrin	Soil	0.0857	01/13/11	0.0857	0.2571	0.17	0.1120			5.0
alpha-BHC	Soil	0.2173	01/13/11	0.2173	0.6519	0.33	0.2560			5.0
alpha-Chlordane	Soil	0.2781	01/13/11	0.2781	0.8343	0.33	0.282			5.0
beta-BHC	Soil	0.2958	01/13/11	0.2958	0.8874	0.33	0.3700			5.0
delta-BHC	Soil	0.0833	01/13/11	0.0833	0.2499	0.17	0.4060			5.0
Dieldrin	Soil	0.0838	01/13/11	0.0838	0.2514	0.17	0.105			5.0
Endosulfan I	Soil	0.0833	01/13/11	0.0833	0.2499	0.17	0.1330			5.0
Endosulfan II	Soil	0.0833	01/13/11	0.0833	0.2499	0.17	0.124			5.0
Endosulfan sulfate	Soil	0.1079	01/13/11	0.1079	0.3237	0.17	0.154			5.0
Endrin	Soil	0.0833	01/13/11	0.0833	0.2499	0.17	0.1250			5.0
Endrin aldehyde	Soil	0.1403	01/13/11	0.1403	0.4209	0.33	0.200			5.0
Endrin ketone	Soil	0.0881	01/13/11	0.0881	0.2643	0.33	0.3000			5.0
gamma-BHC (Linda	Soil	0.0833	01/13/11	0.0833	0.2499	0.17	0.1110			5.0
gamma-Chlordane	Soil	0.3811	01/13/11	0.3811	1.1433	0.67	0.532			5.0
Heptachlor	Soil	0.4491	01/13/11	0.4491	1.3473	0.67	0.650			5.0
Heptachlor epoxide	Soil	0.0963	01/13/11	0.0963	0.2889	0.17	0.118			500.0
Methoxychlor	Soil	0.2314	01/13/11	0.2314	0.6942	0.33	0.333			5.0
XMultipeaks Chlord	Soil	1.8970	01/13/11	1.8970	5.6910	3.33	3.14			500.0
XMultipeaks Toxaph	Soil	5.1567	01/13/11	5.1567	15.5	16.70	23.1			5.0

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

4th Quarter MDLV/DCS (Oct-Dec 2010), Job 560-22379

GC/MS VOC - D.P. Soil Regular & Extended List **Method: 8260B** **Matrix: Soil Direct Purge**

Instrument VGCMS#3 & VGCMS#4 Prep Factor =1 or 5g → 5ml Soil DP **Analyst: KRM/SG**

Parameter	Lowest PCL mg/Kg Res.-30acre source	Matrix	Actual MDL ug/Kg		2010Q4 DCS Run Date	2010Q4 DCS Spike Conc. Ug/Kg	2010Q4 DCS Measured Value ug/Kg	Alter. DCS Spike Value Conc. Ug/Kg	Alter.DCS Measured Value ug/Kg	Low LVL cal	MDL in TALS ug/Kg	RL ug/Kg
1,1,1,2-Tetrachloroethane 630-20-6	0.708	Soil DP	0.270	0.270	12/15/10	0.50	0.386			5	0.270	5
1,1,1-Trichloroethane 71-55-6 *pp*	0.810	Soil DP	0.700	0.700	12/15/10	1.00	1.040			5	0.700	5
1,1,2,2-Tetrachloroethane 79-34-5 *pp*	0.012	Soil DP	0.380	0.380	12/15/10	0.50	0.335			5	0.380	5
1,1,2-Trichloro-1,2,2,-Trifluoroethane (Freon 113) 76-	39910	Soil DP	0.670	0.670	12/15/10	1.00	0.722			5	0.670	5
1,1,2-Trichloroethane 79-00-5	0.010	Soil DP	0.500	0.500	12/15/10	0.50	0.400			5	0.500	5
1,1-Dichloroethane 75-34-3 *pp*	4.62	Soil DP	0.590	0.590	12/15/10	1.00	1.020			5	0.590	5
1,1-Dichloroethene (Vinylidene chloride) 75-35-4 *pp,tclp*	0.025	Soil DP	0.190	0.200	12/15/10	0.50	0.393			5	0.200	5
1,1-Dichloropropene 563-58-6	0.067	Soil DP	0.520	0.520	12/15/10	1.00	1.070			5	0.520	5
1,2,3-Trichlorobenzene 87-61-6	13.1	Soil DP	0.440	0.440	12/15/10	0.50	0.440			5	0.440	5
1,2,3-Trichloropropane 96-18-4	0.0000286	Soil DP	0.760	0.760	12/15/10	1.00	1.020			5	0.760	5
1,2,4-Trichlorobenzene 120-82-1	2.40	Soil DP	0.970	0.970	12/15/10	1.00	0.950			5	0.970	5
1,2,4-Trimethylbenzene 95-63-6	24.3	Soil DP	0.2000	0.200	12/15/10	0.50	0.355			5	0.200	5
1,2-Dibromo-3-Chloropropane 96-12-8	0.00087	Soil DP	0.240	0.240	12/15/10	0.50	2.330			5	0.240	5
1,2-Dibromoethane (EDB) 106-93-4	0.00019	Soil DP	0.170	0.200	12/15/10	0.50	0.386			5	0.200	5
1,2-Dichlorobenzene 95-50-1 *pp*	8.94	Soil DP	0.250	0.250	12/15/10	0.50	0.413			5	0.250	5
1,2-Dichloroethane (EDC) 107-06-2 *pp,TCLP*	0.007	Soil DP	0.520	0.520	12/15/10	1.00	1.010			5	0.520	5
1,2-Dichloropropane 78-87-5 *pp*	0.011	Soil DP	0.120	0.200	12/15/10	0.50	0.490			5	0.200	5
1,3,5-Trichlorobenzene 108-70-3	3.73	Soil DP	0.310	0.310	12/15/10	0.50	0.425			5	0.310	5
1,3,5-Trimethylbenzene 108-67-8	26.6	Soil DP	0.210	0.210	12/15/10	0.50	0.321			5	0.210	5
1,3-Dichlorobenzene 541-73-1 *pp*	3.37	Soil DP	0.310	0.310	12/15/10	0.50	0.443			5	0.310	5
1,3-Dichloropropane 142-28-9	0.032	Soil DP	0.240	0.240	12/15/10	0.50	0.397			5	0.240	5
1,4-Dichlorobenzene 106-46-7 *pp,tclp*	1.05	Soil DP	0.320	0.320	12/15/10	0.50	0.477			5	0.320	5
1,4-Dioxane (X20) 123-91-1	0.060	Soil DP	19.000	40.0	12/15/10	40.00	34.500			20	40.0	100
1-Chlorohexane 544-10-5	19.7	Soil DP	0.550	0.550	12/15/10	1.00	0.911			100	0.550	5
1-Octene		Soil DP	0.500	0.500	12/15/10	0.50	0.407			5	0.500	5
2,2-Dichloropropane 594-20-7	0.060	Soil DP	0.840	0.840	12/15/10	1.00	1.070			5	0.840	5
2-Butanone (Methyl Ethyl Ketone) 78-93-3 *tclp*	14.643	Soil DP	1.000	1.000	12/15/10	1.00	1.070			5	1.000	5
2-Chloro-1,3-Butadiene (Chloroprene) 126-99-8	15.2	Soil DP	0.690	0.690	12/15/10	1.00	0.865			5	0.690	5
2-Chloroethylvinyl Ether 110-75-8 *pp*	0.0014	Soil DP	0.180	1.000	12/15/10	1.00	0.733			5	1.000	5
2-Chlorotoluene 95-49-8	4.53	Soil DP	0.220	0.220	12/15/10	0.50	0.427	1.00	0.94	5	0.220	5
2-Hexanone 591-78-6	1.94	Soil DP	1.200	1.200	12/15/10	2.00	1.490			5	1.200	5
2-Nitropropane 79-46-9	0.0035	Soil DP	0.520	0.520	12/15/10	1.00	2.750			5	0.520	5
4-Chlorotoluene	2.47	Soil DP	0.690	0.690	12/15/10	1.00	1.010			5	0.690	5
4-Isopropyltoluene (Cymene) 99-87-6	115.8	Soil DP	0.210	0.210	12/15/10	0.50	0.353			5	0.210	5
4-Methyl-2-Pentanone (MIBK)	0.881	Soil DP	0.930	0.930	12/15/10	1.00	1.380			5	0.930	5
Acetone 67-64-1	21.4	Soil DP	3.00	5.0	12/15/10	5.00	4.900	10	6.90	5	5.0	25
Acetonitrile (X10) 75-05-8	0.758	Soil DP	37.00	37.0	12/15/10	50.00	23.000	100	73.20	50	37.0	50
Acrolein (X10) 107-02-8 *pp*	0.012	Soil DP	8.60	8.600	12/15/10	10.00	5.800	20	14.40	50	8.600	50
Acrylonitrile (X10) 107-13-1 *pp*	0.0017	Soil DP	3.60	3.600	12/15/10	5.00	1.850	10	4.50	50	3.600	50
Allyl Chloride (3-Chloro-1-propene) 107-05-1	0.506	Soil DP	0.980	0.980	12/15/10	1.00	0.970	2.00	1.99	5	0.980	5
Benzene 71-43-2 *pp,tclp*	0.013	Soil DP	0.230	0.230	12/15/10	0.50	0.446			5	0.230	5
Benzyl Chloride 100-44-7	0.025	Soil DP	0.500	0.500	12/15/10	0.50	0.430			5	0.500	5
Bromobenzene 108-86-1	2.89	Soil DP	0.740	0.740	12/15/10	1.00	1.040			5	0.740	5
Bromodichloromethane 75-27-4 *pp*	0.033	Soil DP	0.190	0.200	12/15/10	0.50	0.410			5	0.200	5

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

4th Quarter MDLV/DCS (Oct-Dec 2010), Job 560-22379

GC/MS VOC - D.P. Soil Regular & Extended List **Method: 8260B** **Matrix: Soil Direct Purge**

Instrument VGCMS#3 & VGCMS#4 Prep Factor =1 or 5g → 5ml Soil DP **Analyst: KRM/SG**

	Lowest PCL mg/Kg					2010Q4 DCS	2010Q4 DCS	Alter. DCS Spike	Alter.DCS Measur			
Bromoform (Tribromomethane) 75-25-2 *pp*	0.316	Soil DP	0.510	0.510	12/15/10	1.00	3.160			5	0.510	5
Bromomethane (Methylbromide) 74-83-9 *pp*	0.065	Soil DP	1.100	1.100	12/15/10	1.00	1.240	2.00	2.19	5	1.100	5
butadiene or 1,3-Butadiene 106-99-0	0.755	Soil DP	0.240	0.240	12/15/10	0.50	0.399			5	0.240	5
Carbon Disulfide 75-15-0	6.79	Soil DP	0.730	0.730	12/15/10	1.00	1.220			5	0.730	5
Carbon Tetrachloride 56-23-5 *pp,tclp*	0.031	Soil DP	0.510	0.510	12/15/10	1.00	1.120			5	0.510	5
Chlorobenzene 108-90-7 *pp,tclp*	0.546	Soil DP	0.230	0.230	12/15/10	0.50	0.444			5	0.230	5
Chlorobromomethane 74-97-5	1.52	Soil DP	0.900	0.900	12/15/10	1.00	0.945			5	0.900	5
Chlorodibromomethane 124-48-1 *pp*	0.025	Soil DP	0.640	0.640	12/15/10	1.00	0.824			5	0.640	5
Chloroethane (Ethyl Chloride) 75-00-3 *pp*	15.5	Soil DP	0.260	0.260	12/15/10	0.50	0.495			5	0.260	5
Chloroform 67-66-3 *pp,tclp*	0.51	Soil DP	0.870	0.870	12/15/10	1.00	0.987			5	0.870	5
Chloromethane (Methylchloride) 74-87-3 *pp*	0.203	Soil DP	1.200	1.200	12/15/10	1.00	0.980	2.00	1.77	5	1.200	5
cis-1,2-Dichloroethene 156-59-2 *pp*	0.124	Soil DP	0.570	0.570	12/15/10	1.00	0.904			5	0.570	5
cis-1,3-Dichloropropene 10061-01-5 *pp*	0.02	Soil DP	0.140	0.200	12/15/10	0.50	0.324			5	0.200	5
cis-1,4-Dichloro-2-Butene 1476-11-5	0.164	Soil DP	0.320	0.320	12/15/10	0.50	2.450			5	0.320	5
Cyclohexane (X2) 110-82-7	2941	Soil DP	0.990	0.990	12/15/10	1.00	0.670			10	0.990	10
Cyclohexanone (X5) 108-94-1	131	Soil DP	1.700	1.700	12/15/10	2.50	1.700			25	1.700	25
Dibromomethane (Methylene bromide) 74-95-3	0.565	Soil DP	0.710	0.710	12/15/10	1.00	0.979			5	0.710	5
Dichlorodifluoromethane 75-71-8 *pp*	120	Soil DP	0.730	0.730	12/15/10	1.00	0.590			5	0.730	5
Ethyl Acetate 141-78-6	23.5	Soil DP	1.200	1.200	12/15/10	2.00	1.330			5	1.200	5
Ethyl Ether (Diethyl Ether) 60-29-7	5.59	Soil DP	0.170	0.200	12/15/10	0.50	0.467			5	0.200	5
Ethyl Methacrylate 97-63-2	3.75	Soil DP	0.510	0.510	12/15/10	1.00	2.350	2.00	3.00	5	0.510	5
Ethylbenzene 100-41-4 *pp*	3.82	Soil DP	0.220	0.220	12/15/10	0.50	0.444			5	0.220	5
Ethylene Oxide	0.001	Soil DP	4.950	20.00	12/15/10	20.0	16.4			100	20.00	40
Hexachlorobutadiene 87-68-3	1.645	Soil DP	0.640	0.640	12/15/10	1.00	0.988			5	0.640	5
Hexane 110-54-3		Soil DP	1.300	1.300	12/15/10	2.00	2.640			5	1.300	5
Iodomethane (Methyl Iodide) 74-88-4	0.057	Soil DP	0.800	0.800	12/15/10	1.00	1.180			5	0.800	5
Isobutyl alcohol (X20) 78-83-1	7.85	Soil DP	68.000	68.0	12/15/10	100	44.0			100	68.0	100
Isooctane (2,2,4-trimethylpentane) 540-84-1		Soil DP	0.160	0.200	12/15/10	0.50	0.445			5	0.200	5
Isopropylbenzene (Cumene) 98-82-8	174	Soil DP	0.140	0.200	12/15/10	0.50	0.384			5	0.200	5
m,p-Xylene (X2) 136777-61-2		Soil DP	0.360	0.360	12/15/10	1.00	0.887			10	0.360	10
Methacrylonitrile (Methylacrylonitrile) (X10) 126-	0.0025	Soil DP	2.400	2.400	12/15/10	5.00	3.430			50	2.400	50
Methyl Methacrylate 80-62-6	49.1	Soil DP	1.100	1.100	12/15/10	2.00	2.630			5	1.100	5
Methyl tert butyl Ether (MTBE) 1634-04-4	0.019	Soil DP	0.610	0.610	12/15/10	1.00	0.869			5	0.610	5
Methylene Chloride (Dichloromethane) 75-09-2 *pp*	0.00065	Soil DP	1.400	5.000	12/15/10	5.0	5.00	10	9.89	5	5.000	25
Naphthalene 91-20-3	15.6	Soil DP	1.200	1.200	12/15/10	2.00	1.540			5	1.200	5
n-Butylbenzene 104-51-8	60.7	Soil DP	0.270	0.270	12/15/10	0.50	0.394			5	0.270	5
n-Heptane 142-82-5	358	Soil DP	0.530	0.530	12/15/10	1.00	0.919			5	0.530	5
n-Propylbenzene 103-65-1	22.4	Soil DP	0.210	0.210	12/15/10	0.50	0.354			5	0.210	5

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

4th Quarter MDLV/DCS (Oct-Dec 2010), Job 560-22379

GC/MS VOC - D.P. Soil Regular & Extended List **Method: 8260B** **Matrix: Soil Direct Purge**

Instrument VGCMS#3 & VGCMS#4 Prep Factor =1 or 5g → 5ml Soil DP **Analyst: KRM/SG**

	Lowest PCL mg/Kg					2010Q4 DCS	2010Q4 DCS	Alter. DCS Spike	Alter.DCS Measur			
o-Xylene 95-47-6	35.355	Soil DP	0.220	0.220	12/15/10	0.50	0.422			5	0.220	5
Pentachloroethane 76-01-7	0.168	Soil DP	1.400	1.400	12/15/10	2.00	1.220			5	1.400	5
Propionitrile (Ethyl cyanide) (X10) 107-12-0	0.010	Soil DP	4.900	4.900	12/15/10	5.00	1.800			50	4.900	50
sec-Butylbenzene 135-98-8	42.4	Soil DP	0.140	0.200	12/15/10	0.50	0.331			5	0.200	5
Styrene 100-42-5	1.63	Soil DP	0.180	0.200	12/15/10	0.50	2.000			5	0.200	5
tert-Butylbenzene 98-06-6	50	Soil DP	0.250	0.250	12/15/10	0.50	0.315			5	0.250	5
Tetrachloroethene 127-18-4 *pp,tclp*	0.025	Soil DP	0.740	0.740	12/15/10	1.00	1.020			5	0.740	5
Toluene 108-88-3 *pp*	4.11	Soil DP	0.560	0.560	12/15/10	1.00	0.980			5	0.560	5
trans-1,2-Dichloroethene 156-60-5 *pp*	0.245	Soil DP	0.500	0.500	12/15/10	0.50	0.425			5	0.500	5
trans-1,3-Dichloropropene 10061-02-6 *pp*	0.018	Soil DP	0.520	0.520	12/15/10	1.00	0.742			5	0.520	5
trans-1,4-Dichloro-2-Butene 110-57-6	0.17	Soil DP	0.880	0.880	12/15/10	1.00	0.710			5	0.880	5
Trichloroethene 79-01-6 *pp,tclp*	0.017	Soil DP	0.280	0.280	12/15/10	0.50	0.497			5	0.280	5
Trichlorofluoromethane 75-69-4 *pp*	64.0	Soil DP	1.000	0.500	12/15/10	0.50	0.420			5	0.500	5
Vinyl Acetate 108-05-4	26.7	Soil DP	1.100	1.100	12/15/10	2.00	1.150			5	1.100	5
Vinyl Chloride (Chloroethene) 75-01-4 *pp,tclp*	0.011	Soil DP	0.600	0.600	12/15/10	1.00	0.902			5	0.600	5
Xylenes, Total 1330-20-7 *pp,tclp*	61.3	Soil DP	0.360	0.360	12/15/10	1.50	1.309			15	0.360	15

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8270C GC/MS Semivolatile Organics - Soil Matrix

4Q2010 (Oct - Dec 2010), Job 560-22381

Extraction: 30g to 1ml ; Prep factor = 33.3ug/Kg (0.03Kg to FV = 1ml)

Instrument: SVGCMS#2 & #3

Method: 8270C

Matrix: Soil

Analyst: GEF/BEC

Raw data in ug/ml X (1ml/0.03Kg) = DCS measured value in ug/Kg Soil

SVGCMS#3

Parameter	Matrix	MDL ug/Kg	2010Q4 DCS Run Date	Spike Range ug/Kg Min	Spike Range ug/Kg Max	2010Q4 DCS Spike Conc ug/Kg	2010Q4 DCS measured value ug/Kg	Alter. DCS Spike Conc ug/Kg	Alt. DCS measured value ug/Kg
1,1-Biphenyl (Diphenyl) (92-52-4)	Soil	16.7	11/09/10	16.70	50.10	50.0	39.20		
1,2,4,5-Tetrachlorobenzene (95-95-3)	Soil	38.4	11/10/10	38.40	115.20	50.0	38.00	100.0	85.10
1,2,4-Trichlorobenzene (120-82-1)	Soil	45.7	11/10/10	45.70	137.10	50.0	31.00	100.0	75.70
1,2-Dichlorobenzene (95-50-1)	Soil	52.1	11/09/10	52.10	156.30	50.0	30.00	100.0	67.30
1,2-Diphenylhydrazine (as azobenzene 103-33-3)	Soil	16.7	11/09/10	16.70	50.10	50.0	32.70		
1,3-Dichlorobenzene (541-73-1)	Soil	43.8	11/09/10	43.80	131.40	50.0	28.00	100.0	63.60
1,3-Dimethylnaphthalene (575-41-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	33.60		
1,4-Dichlorobenzene (106-46-7)	Soil	45.8	11/09/10	45.80	137.40	50.0	28.00	100.0	64.50
1-Methylnaphthalene (90-12-0)	Soil	31.8	11/09/10	31.80	95.40	50.0	31.00		
2,3,4,6-Tetrachlorophenol (58-90-2)	Soil	16.7	11/10/10	16.70	50.10	50.0	20.70		
2,4,5-Trichlorophenol (95-95-4)	Soil	16.7	11/10/10	16.70	50.10	50.0	25.40		
2,4,6-Trichlorophenol (88-06-2)	Soil	16.7	11/10/10	16.70	50.10	50.0	25.80		
2,4-Dichlorophenol (120-83-2)	Soil	22.8	11/10/10	22.80	68.40	50.0	29.00		
2,4-Dimethylphenol 576-26-1	Soil	20.4	11/10/10	20.40	61.20	50.0	14.06	100.0	61.10
2,4-Dinitrophenol (51-28-5)	Soil	100.0	11/10/10	100.00	300.00	100.0	148.00	167.0	168.0
2,4-Dinitrotoluene (121-14-2)	Soil	50.0	11/09/10	50.00	150.00	50.0	22.50	100.0	62.10
2,6-Dichlorophenol (87-65-0)	Soil	16.7	11/09/10	16.70	50.10	50.0	31.60		
2,6-Dinitrotoluene (606-20-2)	Soil	50.0	11/09/10	50.00	150.00	50.0	25.00	100.0	64.80
2-Chloronaphthalene (91-58-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	38.80		
2-Chlorophenol (95-57-8)	Soil	27.8	11/10/10	27.80	83.40	50.0	32.70		
2-Methyl-4,6-dinitrophenol (534-52-1)	Soil	50.0	11/10/10	50.00	150.00	100.0	40.00	167.0	86.10
2-Methylnaphthalene (91-57-6)	Soil	31.1	11/10/10	31.10	93.30	50.0	38.00	100.0	80.40
2-Methylphenol (o-cresol) (95-48-7)	Soil	32.96	11/10/10	32.96	98.88	50.0	26.00	100.0	79.30
2-Nitroaniline (88-74-4)	Soil	22.2	11/09/10	22.20	66.60	50.0	30.10		
2-Nitrophenol (88-75-5)	Soil	17.0	11/10/10	17.00	51.00	50.0	23.30	100.0	64.50
3,3-Dichlorobenzidine (91-94-1)	Soil	167.0	11/09/10	167.00	501.00	330.0	92.40	667.0	233.00
3,4 Methylphenol (m&p-cresol) (15831-10-4)	Soil	50.0	11/10/10	50.00	150.00	100.0	55.90	330.0	250.00
3-Nitroaniline (99-09-2)	Soil	100.0	11/09/10	100.00	300.00	100.0	19.00	167.0	65.90
4-Bromophenyl phenyl ether (101-55-3)	Soil	16.7	11/09/10	16.70	50.10	50.0	33.20		
4-Chloro-3-methylphenol (59-50-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	31.00		
4-Chloroaniline (106-47-8)	Soil	100.0	11/09/10	100.00	300.00	100.0	9.04	167.0	46.70
4-Chlorophenyl phenyl ether (7005-72-3)	Soil	16.7	11/10/10	16.70	50.10	50.0	35.90		
4-Nitroaniline (100-01-6)	Soil	100.0	11/09/10	100.00	300.00	100.0	34.50		
4-Nitrophenol (100-02-7)	Soil	100.0	11/09/10	100.00	300.00	100.0	76.20	167.0	144.00
6-Methylchrysene (1705-85-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	29.80		
7,12-Dimethylbenz(a)anthracene (57-97-6)	Soil	16.7	11/09/10	16.70	50.10	50.0	31.40		
Acenaphthene (83-32-9)	Soil	16.7	11/10/10	16.70	50.10	50.0	35.30		
Acenaphthylene (208-96-8)	Soil	16.7	11/10/10	16.70	50.10	50.0	33.20		
Acetophenone (98-86-2)	Soil	16.7	11/09/10	16.70	50.10	50.0	38.50		

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THE LEADER IN ENVIRONMENTAL TESTING

Corpus Christi

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8270C GC/MS Semivolatile Organics - Soil Matrix

4Q2010 (Oct - Dec 2010), Job 560-22381

Extraction: 30g to 1ml ; Prep factor = 33.3ug/Kg (0.03Kg to FV = 1ml)

Instrument: SVGCMS#2 & #3

Method: 8270C

Matrix: Soil

Analyst: GEF/BEC

Raw data in ug/ml X (1ml/0.03Kg) = DCS measured value in ug/Kg Soil

SVGCMS#3

Parameter	Matrix	MDL ug/Kg	2010Q4 DCS Run Date	Spike Range ug/Kg Min	Spike Range ug/Kg Max	2010Q4 DCS Spike Conc ug/Kg	2010Q4 DCS measured value ug/Kg	Alter. DCS Spike Conc ug/Kg	Alt. DCS measured value ug/Kg
Aniline (62-53-3)	Soil	167.0	11/09/10	167.00	501.00	167.0	20.04	330.0	59.90
Anthracene (120-12-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	35.60		
Benzidine (92-87-5)	Soil	1670	11/09/10	1670.00	5010.00	1670.0	332.00		
Benzo(a)anthracene (56-55-3)	Soil	16.7	11/10/10	16.70	50.10	50.0	41.90		
Benzo(a)pyrene (50-32-8)	Soil	16.7	11/10/10	16.70	50.10	50.0	32.30		
Benzo(b)fluoranthene (205-99-2)	Soil	16.7	11/09/10	16.70	50.10	50.0	50.70		
Benzo(ghi)perylene (191-24-2)	Soil	16.7	11/09/10	16.70	50.10	50.0	39.30		
Benzo(k)fluoranthene (207-08-9)	Soil	16.7	11/09/10	16.70	50.10	50.0	42.50		
Benzoic Acid (65-85-0)	Soil	50.0	11/09/10	50.00	150.00	50.0	215.00	100.0	223.00
Benzyl alcohol (100-51-6)	Soil	24.5	11/10/10	24.50	73.50	50.0	27.00	100.0	69.90
Bis(2-chloroethoxy)methane (111-91-1)	Soil	16.7	11/10/10	16.70	50.10	50.0	38.20		
Bis(2-chloroethyl)ether (111-44-4)	Soil	37.4	11/10/10	37.40	112.20	50.0	33.00	100.0	82.80
Bis(2-chloroisopropyl)ether [2,2'-oxybis(1-chloropropane)]	Soil	41.0	11/09/10	41.00	123.00	50.0	36.50	100.0	88.40
Bis(2-ethylhexyl)phthalate (117-81-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	35.90		
Butyl benzyl phthalate (85-68-7)	Soil	16.7	11/10/10	16.70	50.10	50.0	27.60	100.0	75.20
Carbazole (86-74-8)	Soil	16.7	11/10/10	16.70	50.10	50.0	38.00		
Chrysene (218-01-9)	Soil	16.7	11/09/10	16.70	50.10	50.0	52.50		
Dibenz(a,h)acridine (226-36-8)	Soil	16.7	11/09/10	16.70	50.10	50.0	23.30		
Dibenz(a,h)anthracene (53-70-3)	Soil	16.7	11/09/10	16.70	50.10	50.0	39.20		
Dibenzofuran (132-64-9)	Soil	16.7	11/09/10	16.70	50.10	50.0	38.90		
Diethyl phthalate (84-66-2)	Soil	16.7	11/10/10	16.70	50.10	50.0	37.20		
Dimethyl phthalate (131-11-3)	Soil	16.7	11/09/10	16.70	50.10	50.0	39.10		
Di-n-butyl phthalate (84-74-2)	Soil	16.7	11/09/10	16.70	50.10	50.0	32.50		
Di-n-octyl phthalate (117-84-0)	Soil	18.7	11/10/10	18.70	56.10	50.0	22.20		
Fluoranthene (206-44-0)	Soil	16.7	11/09/10	16.70	50.10	50.0	40.10		
Fluorene (86-73-7)	Soil	16.7	11/09/10	16.70	50.10	50.0	39.20		
Hexachlorobenzene (118-74-1)	Soil	16.7	11/09/10	16.70	50.10	50.0	36.40		
Hexachlorobutadiene (87-68-3)	Soil	44.7	11/10/10	44.70	134.10	50.0	32.00	100.0	75.10
Hexachlorocyclopentadiene (77-47-4)	Soil	50.0	11/10/10	50.00	150.00	50.0	16.50	100.0	50.95
Hexachloroethane (67-72-1)	Soil	50.1	11/10/10	50.10	150.30	50.0	25.00	100.0	59.70
Hexachloropropene (1888-71-7)	Soil	47.3	11/09/10	47.34	142.02	50.0	26.50	100.0	65.80
Indene (95-13-6)	Soil	44.2	11/10/10	44.20	132.60	100.0	57.30	167.0	106.00
Indeno(1,2,3-cd)pyrene (193-39-5)	Soil	16.7	11/10/10	16.70	50.10	50.0	33.70		
Isophorone (78-59-1)	Soil	16.7	11/10/10	16.70	50.10	50.0	34.50		
Naphthalene (91-20-3)	Soil	41.7	11/09/10	41.70	125.10	50.0	36.50	100.0	87.30
Nitrobenzene (98-95-3)	Soil	36.4	11/09/10	36.40	109.20	50.0	33.50	100.0	79.50
n-Nitrosodiethylamine (55-18-5)	Soil	26.4	11/09/10	26.40	79.20	50.0	31.80		
n-Nitrosodimethylamine (62-75-9)	Soil	100.0	11/10/10	100.00	300.00	100.0	36.20		
n-Nitrosodi-n-butylamine (924-16-3)	Soil	19.8	11/09/10	19.80	59.40	50.0	34.80		
n-Nitrosodi-n-propylamine (621-64-7)	Soil	16.7	11/10/10	16.70	50.10	50.0	33.70		
n-Nitrosodiphenylamine (86-30-6)	Soil	16.7	11/10/10	16.70	50.10	50.0	28.80		

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8270C GC/MS Semivolatile Organics - Soil Matrix

4Q2010 (Oct - Dec 2010), Job 560-22381

Extraction: 30g to 1ml ; Prep factor = 33.3ug/Kg (0.03Kg to FV = 1ml)

Instrument: SVGCMS#2 & #3

Method: 8270C

Matrix: Soil

Analyst: GEF/BEC

Raw data in ug/ml X (1ml/0.03Kg) = DCS measured value in ug/Kg Soil

								SVGCMS#3	
Parameter	*Matrix*	*MDL ug/Kg*	*2010Q4 DCS Run Date*	*Spike Range ug/Kg Min*	*Max*	*2010Q4 DCS Spike Conc ug/Kg*	*2010Q4 DCS measured value ug/Kg*	*Alter. DCS Spike Conc ug/Kg*	*Alt. DCS measured value ug/Kg*
Pentachlorobenzene (608-93-5)	Soil	**16.7**	11/10/10	16.70	50.10	**50.0**	36.10		
Pentachloroethane (76-01-7)	Soil	**51.0**	11/09/10	51.00	153.00	**50.0**	27.50	100.0	61.90
Pentachlorophenol (87-86-5)	Soil	**100.0**	11/10/10	100.00	300.00	**100.0**	25.60	167.0	55.70
Phenanthrene (85-01-8)	Soil	**16.7**	11/10/10	16.70	50.10	**50.0**	41.20		
Phenol (108-95-2)	Soil	**16.7**	11/09/10	16.70	50.10	**50.0**	36.20		
Pyrene (129-00-0)	Soil	**16.7**	11/09/10	16.70	50.10	**50.0**	40.70		
Pyridine (110-86-1)	Soil	**167.0**	11/10/10	167.00	501.00	**167.0**	71.20	330.0	174.0
Quinoline (91-22-5)	Soil	**16.7**	11/10/10	16.70	50.10	**50.0**	31.70		

Calibration Curve: 10ug/ml to 200ug/ml (10, 50, 80, 100, 150, 200ug/ml)

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Corpus Christi

MDL-DCS Studies

1st quarter 2011 DCS (Jan -Mar 2011), Job 560-23828-3

CVAA Metals

Method: 7471 Mercury - Soil

Matrix: Water

Analyst: JM

Mercury soil prep factor = 83.3 (0.6g soil to 50 ml FV)

Parameter	Matrix	Method	Inst. ID	Calc MDL w/PrepFactor mg/Kg	DCS Run Date	1QDCS2011 Spike Conc mg/Kg Soil	1Q2011 DCS Measured mg/Kg	%REC	Alter. DCS Conc mg/L Water or mg/Kg Soil	Actual Alter. DCS Results	MDL Used mg/Kg Soil	Low Cal std ug/L	MDL Used in LIMS mg/Kg Soil	RL mg/Kg Soil
Mercury (CVAA)	Soil	7471A	CVAA	0.018	01/13/11	0.042	0.04080	97.8%				0.5 ppb	0.018	0.2

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Corpus Christi

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

DCS 2010Q4 (Oct-Dec 2010), TX1005 Job 560-22386

Total Petroleum Hydrocarbons (TPH) by TX 1005 Soil — **Matrix: Soil**

TX 1005 TPH soil: Prep factor = 1, Extract 10g →to 10ml

Parameter	Matrix	Method	Inst. ID	MDL	2010Q4 DCS Run Date	True DCS Conc. mg/Kg	2010Q4 DCS Measured Value mg/Kg	Alter DCS Conc	Alter. DCS Measured Value mg/Kg	Low level Std ug/ml	MDL used in TALS mg/Kg	RL Used in TALS mg/Kg
TX 1005 TPH soil: Prep factor = 1, Extract 10g →to 10ml												
C6-C35 (TPH by GC/FID)	Soil	TX 1005	SVGC#4 (Flash GC)	**10.0**	10/14/10	30.000	19.30			20	**10.00**	50
C6-C35 (TPH by GC/FID)	Soil	TX 1005	SVGC#5Ft	**10.0**	10/14/10	30.000	29.20			20	**10.00**	50
C6-C35 (TPH by GC/FID)	Soil	TX 1005	SVGC#5Bk	**10.0**	10/14/10	30.000	25.10			20	**10.00**	50

METHOD SUMMARY

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CC	SW846 8260B	
Closed System Purge and Trap	TAL CC		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL CC	SW846 8270C	
Ultrasonic Extraction	TAL CC		SW846 3550B
Organochlorine Pesticides by Gas Chromatography	TAL CC	SW846 8081B	
Ultrasonic Extraction	TAL CC		SW846 3550B
Texas - Total Petroleum Hydrocarbon (GC)	TAL CC	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL CC		TCEQ TX_1005_S_Prep
Texas - Total Petroleum Hydrocarbon Fractions (GC)	TAL CC	TCEQ TX 1006	
Texas - Fractionation	TAL CC		TCEQ TX 1006 Frac
Metals (ICP/MS)	TAL CC	SW846 6020	
Preparation, Metals	TAL CC		SW846 3050B
Mercury (CVAA)	TAL CC	SW846 7471A	
Preparation, Mercury	TAL CC		SW846 7471A
pH	TAL CC	SW846 9045D	
Percent Moisture	TAL CC	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CC	SW846 8260B	
Purge and Trap	TAL CC		SW846 5030B

Lab References:

TAL CC = TestAmerica Corpus Christi

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

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METHOD / ANALYST SUMMARY

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method	Analyst	Analyst ID
SW846 8260B	Goebel, Susan	SG
SW846 8270C	Fisher, Gayland E	GEF
SW846 8081B	Craig, Bronson	BC
TCEQ TX 1005	Gonzalez, Sonia	SG
TCEQ TX 1006	Gonzalez, Sonia	SG
SW846 6020	Reyes, Eddie D	EDR
SW846 7471A	Mathewson, John E	JEM
SW846 9045D	Orchard, Luke	LO
EPA Moisture	Gonzalez, Sonia	SG

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SAMPLE SUMMARY

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
560-24119-1	SB7-0-0.5	Solid	01/21/2011 1110	01/22/2011 1030
560-24119-2	SB7-2-3	Solid	01/21/2011 1115	01/22/2011 1030
560-24119-3	SB11-0-0.5	Solid	01/20/2011 1310	01/22/2011 1030
560-24119-4	SB11-2-3	Solid	01/20/2011 1320	01/22/2011 1030
560-24119-5	SB12-0-0.5	Solid	01/20/2011 1335	01/22/2011 1030
560-24119-6	SB12-2.3	Solid	01/20/2011 1345	01/22/2011 1030
560-24119-7	IDW-S	Solid	01/21/2011 1150	01/22/2011 1030
560-24119-8TB	Trip Blank 011311-A	Water	01/21/2011 0000	01/22/2011 1030
560-24119-9	SB5-0-0.5	Solid	01/21/2011 1015	01/22/2011 1030
560-24119-10	SB5-2-3	Solid	01/21/2011 1020	01/22/2011 1030
560-24119-11	SB6-0-0.5	Solid	01/21/2011 1045	01/22/2011 1030
560-24119-12	SB6-2-3	Solid	01/21/2011 1050	01/22/2011 1030
560-24119-13FD	SBDUP-2	Solid	01/21/2011 0000	01/22/2011 1030
560-24119-14FD	SBDUP-3	Solid	01/21/2011 0000	01/22/2011 1030
560-24119-15TB	Trip Blank 011311-B	Water	01/21/2011 0000	01/22/2011 1030
560-24119-16	SB1-0-0.5	Solid	01/20/2011 1000	01/22/2011 1030
560-24119-17	SB1-2-3	Solid	01/20/2011 1020	01/22/2011 1030
560-24119-18	SB2-0-0.5	Solid	01/20/2011 1035	01/22/2011 1030
560-24119-19	SB2-2-3	Solid	01/20/2011 1050	01/22/2011 1030
560-24119-20	SB3-0-0.5	Solid	01/20/2011 1125	01/22/2011 1030
560-24119-21	SB3-2-3	Solid	01/20/2011 1135	01/22/2011 1030
560-24119-22	SB4-0-0.5	Solid	01/20/2011 1100	01/22/2011 1030
560-24119-23	SB4-2-3	Solid	01/20/2011 1110	01/22/2011 1030
560-24119-24TB	Trip Blank 011311-C	Water	01/20/2011 0000	01/22/2011 1030
560-24119-25FD	SBDUP-1	Solid	01/20/2011 0000	01/22/2011 1030
560-24119-26	SB8-0-0.5	Solid	01/20/2011 1210	01/22/2011 1030
560-24119-27	SB8-2-3	Solid	01/20/2011 1220	01/22/2011 1030
560-24119-28	SB17-0-0.5	Solid	01/20/2011 1510	01/22/2011 1030
560-24119-29	SB17-2-3	Solid	01/20/2011 1520	01/22/2011 1030
560-24119-30	SB18-0-0.5	Solid	01/20/2011 1525	01/22/2011 1030
560-24119-31	SB18-2-3	Solid	01/20/2011 1530	01/22/2011 1030
560-24119-32TB	Trip Blank 011311-D	Water	01/20/2011 0000	01/22/2011 1030
560-24119-33	SB13-0-0.5	Solid	01/20/2011 1350	01/22/2011 1030
560-24119-34	SB13-2-3	Solid	01/20/2011 1400	01/22/2011 1030
560-24119-35	SB14-0-0.5	Solid	01/20/2011 1410	01/22/2011 1030
560-24119-36	SB14-2-3	Solid	01/20/2011 1420	01/22/2011 1030
560-24119-37	SB15-0-0.5	Solid	01/20/2011 1425	01/22/2011 1030
560-24119-38	SB15-2-3	Solid	01/20/2011 1435	01/22/2011 1030
560-24119-39	SB16-0-0.5	Solid	01/20/2011 1450	01/22/2011 1030
560-24119-40	SB16-2-3	Solid	01/20/2011 1500	01/22/2011 1030
560-24119-41TB	Trip Blank 011311-E	Water	01/21/2011 0000	01/22/2011 1030
560-24119-42	SB9-0-0.5	Solid	01/21/2011 0920	01/22/2011 1030
560-24119-42MS	SB9-0-0.5	Solid	01/21/2011 0920	01/22/2011 1030
560-24119-42MSD	SB9-0-0.5	Solid	01/21/2011 0920	01/22/2011 1030
560-24119-43	SB9-2-3	Solid	01/21/2011 0925	01/22/2011 1030
560-24119-44	SB10-0-0.5	Solid	01/20/2011 1600	01/22/2011 1030
560-24119-45	SB10-2-3	Solid	01/20/2011 1610	01/22/2011 1030
560-24119-45MS	SB10-2-3	Solid	01/20/2011 1610	01/22/2011 1030
560-24119-45MSD	SB10-2-3	Solid	01/20/2011 1610	01/22/2011 1030
560-24119-46TB	Trip Blank 011311-F	Water	01/21/2011 0000	01/22/2011 1030

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SAMPLE RESULTS

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-0-0.5

Lab Sample ID: 560-24119-1
Client Matrix: Solid

Date Sampled: 01/21/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.67			0.0499	0.250	0.0534	mg/Kg	55875	01/31/2011 19:43	1	EDR
Barium	7440-39-3	154			0.109	0.250	0.117	mg/Kg	55875	01/31/2011 19:43	1	EDR
Cadmium	7440-43-9	0.324			0.0721	0.250	0.0771	mg/Kg	55875	01/31/2011 19:43	1	EDR
Chromium	7440-47-3	6.47			0.112	0.250	0.120	mg/Kg	55875	01/31/2011 19:43	1	EDR
Lead	7439-92-1	18.9			0.205	0.500	0.219	mg/Kg	55875	01/31/2011 19:43	1	EDR
Selenium	7782-49-2	1.34	J	b	0.0435	0.250	0.0465	mg/Kg	55875	01/31/2011 19:43	1	EDR
Silver	7440-22-4	0.0734	U		0.0686	0.250	0.0734	mg/Kg	55875	01/31/2011 19:43	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0125	U		0.0180	0.200	0.0125	mg/Kg	55715	01/26/2011 12:22	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.669	U		0.700	5.00	0.669	ug/Kg	55942	02/02/2011 17:48	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.363	U		0.380	5.00	0.363	ug/Kg	55942	02/02/2011 17:48	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.640	U		0.670	5.00	0.640	ug/Kg	55942	02/02/2011 17:48	1	SG
1,1,2-Trichloroethane	79-00-5	0.478	U		0.500	5.00	0.478	ug/Kg	55942	02/02/2011 17:48	1	SG
1,1-Dichloroethane	75-34-3	0.564	U		0.590	5.00	0.564	ug/Kg	55942	02/02/2011 17:48	1	SG

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Ecology and Environment, Inc.
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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-0-0.5

Lab Sample ID: 560-24119-1
Client Matrix: Solid

Date Sampled: 01/21/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.907	J		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
1,1-Dichloropropene	563-58-6	0.497	U		0.520	5.00	0.497	ug/Kg	55942	02/02/2011 17:48	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.421	U		0.440	5.00	0.421	ug/Kg	55942	02/02/2011 17:48	1	SG
1,2,3-Trichloropropane	96-18-4	0.726	U		0.760	5.00	0.726	ug/Kg	55942	02/02/2011 17:48	1	SG
1,2,4-Trimethylbenzene	95-63-6	1.05	J		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
1,2-Dichloroethane	107-06-2	0.497	U		0.520	5.00	0.497	ug/Kg	55942	02/02/2011 17:48	1	SG
1,2-Dichloropropane	78-87-5	0.191	U		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.345	J		0.210	5.00	0.201	ug/Kg	55942	02/02/2011 17:48	1	SG
1,3-Dichloropropane	142-28-9	0.229	U		0.240	5.00	0.229	ug/Kg	55942	02/02/2011 17:48	1	SG
1,4-Dioxane	123-91-1	38.2	U		40.0	100	38.2	ug/Kg	55942	02/02/2011 17:48	1	SG
2,2-Dichloropropane	594-20-7	0.803	U		0.840	5.00	0.803	ug/Kg	55942	02/02/2011 17:48	1	SG
2-Butanone (MEK)	78-93-3	0.956	U		1.00	5.00	0.956	ug/Kg	55942	02/02/2011 17:48	1	SG
2-Hexanone	591-78-6	1.15	U	*	1.20	5.00	1.15	ug/Kg	55942	02/02/2011 17:48	1	SG
2-Nitropropane	79-46-9	0.497	U	*	0.520	5.00	0.497	ug/Kg	55942	02/02/2011 17:48	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.889	U	*	0.930	5.00	0.889	ug/Kg	55942	02/02/2011 17:48	1	SG
Acetone	67-64-1	6.88	U		7.20	25.0	6.88	ug/Kg	55942	02/02/2011 17:48	1	SG
Acetonitrile	75-05-8	35.4	U		37.0	50.0	35.4	ug/Kg	55942	02/02/2011 17:48	1	SG
Benzene	71-43-2	0.220	U		0.230	5.00	0.220	ug/Kg	55942	02/02/2011 17:48	1	SG
Bromoform	75-25-2	0.487	U		0.510	5.00	0.487	ug/Kg	55942	02/02/2011 17:48	1	SG
Bromomethane	74-83-9	1.05	U		1.10	5.00	1.05	ug/Kg	55942	02/02/2011 17:48	1	SG
Carbon disulfide	75-15-0	0.698	U		0.730	5.00	0.698	ug/Kg	55942	02/02/2011 17:48	1	SG
Carbon tetrachloride	56-23-5	0.487	U		0.510	5.00	0.487	ug/Kg	55942	02/02/2011 17:48	1	SG
Chlorobenzene	108-90-7	0.220	U		0.230	5.00	0.220	ug/Kg	55942	02/02/2011 17:48	1	SG
Chlorodibromomethane	124-48-1	0.612	U		0.640	5.00	0.612	ug/Kg	55942	02/02/2011 17:48	1	SG
Chloroethane	75-00-3	0.249	U		0.260	5.00	0.249	ug/Kg	55942	02/02/2011 17:48	1	SG
Chloroform	67-66-3	0.832	U		0.870	5.00	0.832	ug/Kg	55942	02/02/2011 17:48	1	SG
Chloromethane	74-87-3	1.15	U		1.20	5.00	1.15	ug/Kg	55942	02/02/2011 17:48	1	SG
cis-1,2-Dichloroethene	156-59-2	0.545	U		0.570	5.00	0.545	ug/Kg	55942	02/02/2011 17:48	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.191	U		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
Dibromomethane	74-95-3	0.679	U		0.710	5.00	0.679	ug/Kg	55942	02/02/2011 17:48	1	SG
Dichlorobromomethane	75-27-4	0.191	U		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
Dichlorodifluoromethane	75-71-8	0.698	U		0.730	5.00	0.698	ug/Kg	55942	02/02/2011 17:48	1	SG
Ethyl acetate	141-78-6	1.15	U		1.20	5.00	1.15	ug/Kg	55942	02/02/2011 17:48	1	SG
Ethyl ether	60-29-7	0.191	U		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
Ethyl methacrylate	97-63-2	0.487	U	*	0.510	5.00	0.487	ug/Kg	55942	02/02/2011 17:48	1	SG

Ecology and Environment, Inc.
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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-0-0.5

Lab Sample ID: 560-24119-1
Client Matrix: Solid

Date Sampled: 01/21/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.210	U		0.220	5.00	0.210	ug/Kg	55942	02/02/2011 17:48	1	SG
Ethylene Dibromide	106-93-4	0.191	U		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
Iodomethane	74-88-4	0.765	U		0.800	5.00	0.765	ug/Kg	55942	02/02/2011 17:48	1	SG
Methyl methacrylate	80-62-6	1.05	U		1.10	5.00	1.05	ug/Kg	55942	02/02/2011 17:48	1	SG
Methyl tert-butyl ether	1634-04-4	0.583	U		0.610	5.00	0.583	ug/Kg	55942	02/02/2011 17:48	1	SG
Methylene Chloride	75-09-2	4.78	U		5.00	25.0	4.78	ug/Kg	55942	02/02/2011 17:48	1	SG
Styrene	100-42-5	0.191	U		0.200	5.00	0.191	ug/Kg	55942	02/02/2011 17:48	1	SG
Tetrachloroethene	127-18-4	0.707	U		0.740	5.00	0.707	ug/Kg	55942	02/02/2011 17:48	1	SG
Toluene	108-88-3	0.535	U		0.560	5.00	0.535	ug/Kg	55942	02/02/2011 17:48	1	SG
trans-1,2-Dichloroethene	156-60-5	0.478	U		0.500	5.00	0.478	ug/Kg	55942	02/02/2011 17:48	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.497	U		0.520	5.00	0.497	ug/Kg	55942	02/02/2011 17:48	1	SG
Trichloroethene	79-01-6	0.268	U		0.280	5.00	0.268	ug/Kg	55942	02/02/2011 17:48	1	SG
Trichlorofluoromethane	75-69-4	0.478	U		0.500	5.00	0.478	ug/Kg	55942	02/02/2011 17:48	1	SG
Vinyl acetate	108-05-4	1.05	U		1.10	5.00	1.05	ug/Kg	55942	02/02/2011 17:48	1	SG
Vinyl chloride	75-01-4	0.573	U		0.600	5.00	0.573	ug/Kg	55942	02/02/2011 17:48	1	SG
Xylenes, Total	1330-20-7	0.960	J		0.360	15.0	0.344	ug/Kg	55942	02/02/2011 17:48	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		53.4	47.8	112	69-136		VGCMS#3	55955	02/02/2011 17:48	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		39.9	47.8	83	56-129		VGCMS#3	55955	02/02/2011 17:48	1	SG
Dibromofluoromethane (Surr)	1868-53-7		49.1	47.8	103	63-135		VGCMS#3	55955	02/02/2011 17:48	1	SG
Toluene-d8 (Surr)	2037-26-5		46.3	47.8	97	66-124		VGCMS#3	55955	02/02/2011 17:48	1	SG

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Ecology and Environment, Inc.
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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-0-0.5

Lab Sample ID: 560-24119-1
Client Matrix: Solid

Date Sampled: 01/21/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	52.9	U		45.7	330	52.9	ug/Kg	55757	01/27/2011 18:14	1	GEF
1,2-Dichlorobenzene	95-50-1	60.4	U		52.1	330	60.4	ug/Kg	55757	01/27/2011 18:14	1	GEF
1,3-Dichlorobenzene	541-73-1	50.7	U		43.8	330	50.7	ug/Kg	55757	01/27/2011 18:14	1	GEF
1,4-Dichlorobenzene	106-46-7	53.1	U		45.8	330	53.1	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,4-Dichlorophenol	120-83-2	26.4	U		22.8	330	26.4	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,4-Dimethylphenol	105-67-9	23.6	U		20.4	330	23.6	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,4-Dinitrophenol	51-28-5	116	U		100	330	116	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,4-Dinitrotoluene	121-14-2	57.9	U		50.0	330	57.9	ug/Kg	55757	01/27/2011 18:14	1	GEF
2,6-Dinitrotoluene	606-20-2	57.9	U		50.0	330	57.9	ug/Kg	55757	01/27/2011 18:14	1	GEF
2-Chloronaphthalene	91-58-7	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
2-Chlorophenol	95-57-8	32.2	U		27.8	330	32.2	ug/Kg	55757	01/27/2011 18:14	1	GEF
2-Methylnaphthalene	91-57-6	74.0	J		31.1	330	36.0	ug/Kg	55757	01/27/2011 18:14	1	GEF
2-Methylphenol	95-48-7	38.2	U		33.0	330	38.2	ug/Kg	55757	01/27/2011 18:14	1	GEF
2-Nitroaniline	88-74-4	25.7	U		22.2	330	25.7	ug/Kg	55757	01/27/2011 18:14	1	GEF
2-Nitrophenol	88-75-5	19.7	U		17.0	330	19.7	ug/Kg	55757	01/27/2011 18:14	1	GEF
3 & 4 Methylphenol	15831-10-4	57.9	U		50.0	670	57.9	ug/Kg	55757	01/27/2011 18:14	1	GEF
3,3'-Dichlorobenzidine	91-94-1	193	U		167	330	193	ug/Kg	55757	01/27/2011 18:14	1	GEF
3-Nitroaniline	99-09-2	116	U		100	330	116	ug/Kg	55757	01/27/2011 18:14	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	57.9	U		50.0	330	57.9	ug/Kg	55757	01/27/2011 18:14	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
4-Chloroaniline	106-47-8	116	U		100	330	116	ug/Kg	55757	01/27/2011 18:14	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
4-Nitroaniline	100-01-6	116	U		100	330	116	ug/Kg	55757	01/27/2011 18:14	1	GEF
4-Nitrophenol	100-02-7	116	U		100	330	116	ug/Kg	55757	01/27/2011 18:14	1	GEF
Acenaphthene	83-32-9	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Acenaphthylene	208-96-8	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Anthracene	120-12-7	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Benzo[a]anthracene	56-55-3	20.1	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Benzo[a]pyrene	50-32-8	29.1	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Benzo[b]fluoranthene	205-99-2	47.5	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-0-0.5

Lab Sample ID: 560-24119-1
Client Matrix: Solid

Date Sampled: 01/21/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	26.4	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Benzo[k]fluoranthene	207-08-9	25.0	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Benzyl alcohol	100-51-6	28.4	U		24.5	330	28.4	ug/Kg	55757	01/27/2011 18:14	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Bis(2-chloroethyl)ether	111-44-4	43.3	U		37.4	330	43.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	68.5	~~J~~ U	b	16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Butyl benzyl phthalate	85-68-7	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Chrysene	218-01-9	41.2	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Di-n-butyl phthalate	84-74-2	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Di-n-octyl phthalate	117-84-0	21.7	U		18.7	330	21.7	ug/Kg	55757	01/27/2011 18:14	1	GEF
Dibenz(a,h)anthracene	53-70-3	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Dibenzofuran	132-64-9	22.2	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Diethyl phthalate	84-66-2	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Dimethyl phthalate	131-11-3	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Fluoranthene	206-44-0	70.3	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Fluorene	86-73-7	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Hexachlorobenzene	118-74-1	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Hexachlorobutadiene	87-68-3	51.8	U		44.7	330	51.8	ug/Kg	55757	01/27/2011 18:14	1	GEF
Hexachlorocyclopentadiene	77-47-4	57.9	U		50.0	330	57.9	ug/Kg	55757	01/27/2011 18:14	1	GEF
Hexachloroethane	67-72-1	58.0	U		50.1	330	58.0	ug/Kg	55757	01/27/2011 18:14	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.9	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Isophorone	78-59-1	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Naphthalene	91-20-3	48.3	U		41.7	330	48.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Nitrobenzene	98-95-3	42.2	U		36.4	330	42.2	ug/Kg	55757	01/27/2011 18:14	1	GEF
Pentachlorophenol	87-86-5	116	U		100	330	116	ug/Kg	55757	01/27/2011 18:14	1	GEF
Phenanthrene	85-01-8	60.6	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Phenol	108-95-2	19.3	U		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF
Pyrene	129-00-0	57.1	J		16.7	330	19.3	ug/Kg	55757	01/27/2011 18:14	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5390	5790	93	65-120		SVGCMS#3	55726	01/27/2011 18:14	1	GEF
2-Fluorobiphenyl	321-60-8		3140	3860	81	64-120		SVGCMS#3	55726	01/27/2011 18:14	1	GEF
2-Fluorophenol	367-12-4		4120	5790	71	53-120		SVGCMS#3	55726	01/27/2011 18:14	1	GEF
Nitrobenzene-d5	4165-60-0		2930	3860	76	55-120		SVGCMS#3	55726	01/27/2011 18:14	1	GEF
Phenol-d5	4165-62-2		4510	5790	78	59-120		SVGCMS#3	55726	01/27/2011 18:14	1	GEF
Terphenyl-d14	1718-51-0		3220	3860	83	67-120		SVGCMS#3	55726	01/27/2011 18:14	1	GEF

S. Chafe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-0-0.5

Lab Sample ID: 560-24119-1
Client Matrix: Solid

Date Sampled: 01/21/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	7.90			0.100	0.100	0.100	SU	55659	01/25/2011 15:30	1	LO
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.5	U		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 13:19	1	SG
C6-C35	STL00006	27.9	J		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 13:19	1	SG
Over C12-C28	STL00035	16.2	J		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 13:19	1	SG
Over C28-C35	STL00147	11.7	J		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 13:19	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		330	288	114	70-130		SVGC#4	55606	01/25/2011 13:19	1	SG
o-Terphenyl	84-15-1		365	288	127	70-130		SVGC#4	55606	01/25/2011 13:19	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-2-3

Lab Sample ID: 560-24119-2
Client Matrix: Solid

Date Sampled: 01/21/2011 11:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55739	01/26/2011 08:14		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	5.5			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.57			0.0499	0.250	0.0447	mg/Kg	55875	01/31/2011 19:48	1	EDR
Barium	7440-39-3	30.2			0.109	0.250	0.0977	mg/Kg	55875	01/31/2011 19:48	1	EDR
Cadmium	7440-43-9	0.0646	U		0.0721	0.250	0.0646	mg/Kg	55875	01/31/2011 19:48	1	EDR
Chromium	7440-47-3	3.45			0.112	0.250	0.100	mg/Kg	55875	01/31/2011 19:48	1	EDR
Lead	7439-92-1	5.28			0.205	0.500	0.184	mg/Kg	55875	01/31/2011 19:48	1	EDR
Selenium	7782-49-2	0.182	U	b	0.0435	0.250	0.0390	mg/Kg	55875	01/31/2011 19:48	1	EDR
Silver	7440-22-4	0.0615	U		0.0686	0.250	0.0615	mg/Kg	55875	01/31/2011 19:48	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.00977	U		0.0180	0.200	0.00977	mg/Kg	55715	01/26/2011 12:32	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.542	U		0.700	5.00	0.542	ug/Kg	55687	01/26/2011 17:48	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.294	U		0.380	5.00	0.294	ug/Kg	55687	01/26/2011 17:48	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.519	U		0.670	5.00	0.519	ug/Kg	55687	01/26/2011 17:48	1	SG
1,1,2-Trichloroethane	79-00-5	0.387	U		0.500	5.00	0.387	ug/Kg	55687	01/26/2011 17:48	1	SG
1,1-Dichloroethane	75-34-3	0.457	U		0.590	5.00	0.457	ug/Kg	55687	01/26/2011 17:48	1	SG

Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-2-3

Lab Sample ID: 560-24119-2
Client Matrix: Solid

Date Sampled: 01/21/2011 11:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
1,1-Dichloropropene	563-58-6	0.403	U		0.520	5.00	0.403	ug/Kg	55687	01/26/2011 17:48	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.342	U	b	0.440	5.00	0.341	ug/Kg	55687	01/26/2011 17:48	1	SG
1,2,3-Trichloropropane	96-18-4	0.589	U		0.760	5.00	0.589	ug/Kg	55687	01/26/2011 17:48	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
1,2-Dichloroethane	107-06-2	0.403	U		0.520	5.00	0.403	ug/Kg	55687	01/26/2011 17:48	1	SG
1,2-Dichloropropane	78-87-5	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.163	U		0.210	5.00	0.163	ug/Kg	55687	01/26/2011 17:48	1	SG
1,3-Dichloropropane	142-28-9	0.186	U		0.240	5.00	0.186	ug/Kg	55687	01/26/2011 17:48	1	SG
1,4-Dioxane	123-91-1	31.0	U		40.0	100	31.0	ug/Kg	55687	01/26/2011 17:48	1	SG
2,2-Dichloropropane	594-20-7	0.651	U		0.840	5.00	0.651	ug/Kg	55687	01/26/2011 17:48	1	SG
2-Butanone (MEK)	78-93-3	0.775	U		1.00	5.00	0.775	ug/Kg	55687	01/26/2011 17:48	1	SG
2-Hexanone	591-78-6	0.930	U	*	1.20	5.00	0.930	ug/Kg	55687	01/26/2011 17:48	1	SG
2-Nitropropane	79-46-9	0.403	U		0.520	5.00	0.403	ug/Kg	55687	01/26/2011 17:48	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.720	U		0.930	5.00	0.720	ug/Kg	55687	01/26/2011 17:48	1	SG
Acetone	67-64-1	10.4	J		7.20	25.0	5.58	ug/Kg	55687	01/26/2011 17:48	1	SG
Acetonitrile	75-05-8	28.7	U		37.0	50.0	28.7	ug/Kg	55687	01/26/2011 17:48	1	SG
Benzene	71-43-2	0.178	U		0.230	5.00	0.178	ug/Kg	55687	01/26/2011 17:48	1	SG
Bromoform	75-25-2	0.395	U		0.510	5.00	0.395	ug/Kg	55687	01/26/2011 17:48	1	SG
Bromomethane	74-83-9	0.852	U		1.10	5.00	0.852	ug/Kg	55687	01/26/2011 17:48	1	SG
Carbon disulfide	75-15-0	0.566	U		0.730	5.00	0.566	ug/Kg	55687	01/26/2011 17:48	1	SG
Carbon tetrachloride	56-23-5	0.395	U		0.510	5.00	0.395	ug/Kg	55687	01/26/2011 17:48	1	SG
Chlorobenzene	108-90-7	0.178	U		0.230	5.00	0.178	ug/Kg	55687	01/26/2011 17:48	1	SG
Chlorodibromomethane	124-48-1	0.496	U		0.640	5.00	0.496	ug/Kg	55687	01/26/2011 17:48	1	SG
Chloroethane	75-00-3	0.201	U		0.260	5.00	0.201	ug/Kg	55687	01/26/2011 17:48	1	SG
Chloroform	67-66-3	0.674	U		0.870	5.00	0.674	ug/Kg	55687	01/26/2011 17:48	1	SG
Chloromethane	74-87-3	0.930	U		1.20	5.00	0.930	ug/Kg	55687	01/26/2011 17:48	1	SG
cis-1,2-Dichloroethene	156-59-2	0.442	U		0.570	5.00	0.442	ug/Kg	55687	01/26/2011 17:48	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
Dibromomethane	74-95-3	0.550	U		0.710	5.00	0.550	ug/Kg	55687	01/26/2011 17:48	1	SG
Dichlorobromomethane	75-27-4	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
Dichlorodifluoromethane	75-71-8	0.566	U		0.730	5.00	0.566	ug/Kg	55687	01/26/2011 17:48	1	SG
Ethyl acetate	141-78-6	0.930	U		1.20	5.00	0.930	ug/Kg	55687	01/26/2011 17:48	1	SG
Ethyl ether	60-29-7	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
Ethyl methacrylate	97-63-2	0.395	U		0.510	5.00	0.395	ug/Kg	55687	01/26/2011 17:48	1	SG

Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-2-3

Lab Sample ID: 560-24119-2
Client Matrix: Solid

Date Sampled: 01/21/2011 11:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.170	U		0.220	5.00	0.170	ug/Kg	55687	01/26/2011 17:48	1	SG
Ethylene Dibromide	106-93-4	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
Iodomethane	74-88-4	0.620	U		0.800	5.00	0.620	ug/Kg	55687	01/26/2011 17:48	1	SG
Methyl methacrylate	80-62-6	0.852	U		1.10	5.00	0.852	ug/Kg	55687	01/26/2011 17:48	1	SG
Methyl tert-butyl ether	1634-04-4	0.473	U		0.610	5.00	0.473	ug/Kg	55687	01/26/2011 17:48	1	SG
Methylene Chloride	75-09-2	3.87	U		5.00	25.0	3.87	ug/Kg	55687	01/26/2011 17:48	1	SG
Styrene	100-42-5	0.155	U		0.200	5.00	0.155	ug/Kg	55687	01/26/2011 17:48	1	SG
Tetrachloroethene	127-18-4	0.573	U		0.740	5.00	0.573	ug/Kg	55687	01/26/2011 17:48	1	SG
Toluene	108-88-3	0.434	U		0.560	5.00	0.434	ug/Kg	55687	01/26/2011 17:48	1	SG
trans-1,2-Dichloroethene	156-60-5	0.387	U		0.500	5.00	0.387	ug/Kg	55687	01/26/2011 17:48	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.403	U		0.520	5.00	0.403	ug/Kg	55687	01/26/2011 17:48	1	SG
Trichloroethene	79-01-6	0.217	U		0.280	5.00	0.217	ug/Kg	55687	01/26/2011 17:48	1	SG
Trichlorofluoromethane	75-69-4	0.387	U		0.500	5.00	0.387	ug/Kg	55687	01/26/2011 17:48	1	SG
Vinyl acetate	108-05-4	0.852	U		1.10	5.00	0.852	ug/Kg	55687	01/26/2011 17:48	1	SG
Vinyl chloride	75-01-4	0.465	U		0.600	5.00	0.465	ug/Kg	55687	01/26/2011 17:48	1	SG
Xylenes, Total	1330-20-7	0.279	U		0.360	15.0	0.279	ug/Kg	55687	01/26/2011 17:48	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		50.9	38.7	131	69-136		VGCMS#3	55739	01/26/2011 17:48	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		34.4	38.7	89	56-129		VGCMS#3	55739	01/26/2011 17:48	1	SG
Dibromofluoromethane (Surr)	1868-53-7		38.8	38.7	100	63-135		VGCMS#3	55739	01/26/2011 17:48	1	SG
Toluene-d8 (Surr)	2037-26-5		39.4	38.7	102	66-124		VGCMS#3	55739	01/26/2011 17:48	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-2-3

Lab Sample ID: 560-24119-2
Client Matrix: Solid

Date Sampled: 01/21/2011 11:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	48.4	U		45.7	330	48.4	ug/Kg	55757	01/27/2011 18:39	1	GEF
1,2-Dichlorobenzene	95-50-1	55.2	U		52.1	330	55.2	ug/Kg	55757	01/27/2011 18:39	1	GEF
1,3-Dichlorobenzene	541-73-1	46.4	U		43.8	330	46.4	ug/Kg	55757	01/27/2011 18:39	1	GEF
1,4-Dichlorobenzene	106-46-7	48.5	U		45.8	330	48.5	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,4,5-Trichlorophenol	95-95-4	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,4,6-Trichlorophenol	88-06-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,4-Dichlorophenol	120-83-2	24.2	U		22.8	330	24.2	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,4-Dimethylphenol	105-67-9	21.6	U		20.4	330	21.6	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,4-Dinitrophenol	51-28-5	106	U		100	330	106	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,4-Dinitrotoluene	121-14-2	53.0	U		50.0	330	53.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
2,6-Dinitrotoluene	606-20-2	53.0	U		50.0	330	53.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
2-Chloronaphthalene	91-58-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
2-Chlorophenol	95-57-8	29.4	U		27.8	330	29.4	ug/Kg	55757	01/27/2011 18:39	1	GEF
2-Methylnaphthalene	91-57-6	32.9	U		31.1	330	32.9	ug/Kg	55757	01/27/2011 18:39	1	GEF
2-Methylphenol	95-48-7	35.0	U		33.0	330	35.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
2-Nitroaniline	88-74-4	23.5	U		22.2	330	23.5	ug/Kg	55757	01/27/2011 18:39	1	GEF
2-Nitrophenol	88-75-5	18.0	U		17.0	330	18.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
3 & 4 Methylphenol	15831-10-4	53.0	U		50.0	670	53.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
3,3'-Dichlorobenzidine	91-94-1	177	U		167	330	177	ug/Kg	55757	01/27/2011 18:39	1	GEF
3-Nitroaniline	99-09-2	106	U		100	330	106	ug/Kg	55757	01/27/2011 18:39	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	53.0	U		50.0	330	53.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
4-Bromophenyl phenyl ether	101-55-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
4-Chloro-3-methylphenol	59-50-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
4-Chloroaniline	106-47-8	106	U		100	330	106	ug/Kg	55757	01/27/2011 18:39	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
4-Nitroaniline	100-01-6	106	U		100	330	106	ug/Kg	55757	01/27/2011 18:39	1	GEF
4-Nitrophenol	100-02-7	106	U		100	330	106	ug/Kg	55757	01/27/2011 18:39	1	GEF
Acenaphthene	83-32-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Acenaphthylene	208-96-8	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Anthracene	120-12-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Benzo[a]anthracene	56-55-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Benzo[a]pyrene	50-32-8	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Benzo[b]fluoranthene	205-99-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-2-3

Lab Sample ID: 560-24119-2
Client Matrix: Solid

Date Sampled: 01/21/2011 11:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Benzo[k]fluoranthene	207-08-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Benzyl alcohol	100-51-6	26.0	U		24.5	330	26.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Bis(2-chloroethyl)ether	111-44-4	39.6	U		37.4	330	39.6	ug/Kg	55757	01/27/2011 18:39	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	46.7	J U	b	16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Butyl benzyl phthalate	85-68-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Chrysene	218-01-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Di-n-butyl phthalate	84-74-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Di-n-octyl phthalate	117-84-0	19.8	U		18.7	330	19.8	ug/Kg	55757	01/27/2011 18:39	1	GEF
Dibenz(a,h)anthracene	53-70-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Dibenzofuran	132-64-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Diethyl phthalate	84-66-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Dimethyl phthalate	131-11-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Fluoranthene	206-44-0	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Fluorene	86-73-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Hexachlorobenzene	118-74-1	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Hexachlorobutadiene	87-68-3	47.3	U		44.7	330	47.3	ug/Kg	55757	01/27/2011 18:39	1	GEF
Hexachlorocyclopentadiene	77-47-4	53.0	U		50.0	330	53.0	ug/Kg	55757	01/27/2011 18:39	1	GEF
Hexachloroethane	67-72-1	53.1	U		50.1	330	53.1	ug/Kg	55757	01/27/2011 18:39	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Isophorone	78-59-1	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
N-Nitrosodiphenylamine	86-30-6	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Naphthalene	91-20-3	44.2	U		41.7	330	44.2	ug/Kg	55757	01/27/2011 18:39	1	GEF
Nitrobenzene	98-95-3	38.6	U		36.4	330	38.6	ug/Kg	55757	01/27/2011 18:39	1	GEF
Pentachlorophenol	87-86-5	106	U		100	330	106	ug/Kg	55757	01/27/2011 18:39	1	GEF
Phenanthrene	85-01-8	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Phenol	108-95-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF
Pyrene	129-00-0	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 18:39	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4960	5300	94	65-120		SVGCMS#3	55726	01/27/2011 18:39	1	GEF
2-Fluorobiphenyl	321-60-8		2770	3530	79	64-120		SVGCMS#3	55726	01/27/2011 18:39	1	GEF
2-Fluorophenol	367-12-4		3800	5300	72	53-120		SVGCMS#3	55726	01/27/2011 18:39	1	GEF
Nitrobenzene-d5	4165-60-0		2670	3530	76	55-120		SVGCMS#3	55726	01/27/2011 18:39	1	GEF
Phenol-d5	4165-62-2		4050	5300	77	59-120		SVGCMS#3	55726	01/27/2011 18:39	1	GEF
Terphenyl-d14	1718-51-0		2980	3530	84	67-120		SVGCMS#3	55726	01/27/2011 18:39	1	GEF

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Ecology and Environment, Inc.
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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB7-2-3

Lab Sample ID: 560-24119-2
Client Matrix: Solid

Date Sampled: 01/21/2011 11:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:28	1	SG
C6-C35	STL00006	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:28	1	SG
Over C12-C28	STL00035	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:28	1	SG
Over C28-C35	STL00147	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:28	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		304	265	115	70-130		SVGC#4	55606	01/25/2011 13:28	1	SG
o-Terphenyl	84-15-1		331	265	125	70-130		SVGC#4	55606	01/25/2011 13:28	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-0-0.5

Lab Sample ID: 560-24119-3
Client Matrix: Solid

Date Sampled: 01/20/2011 13:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55739	01/26/2011 08:14		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	5.8			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.48			0.0499	0.250	0.0440	mg/Kg	55875	01/31/2011 19:54	1	EDR
Barium	7440-39-3	33.8			0.109	0.250	0.0961	mg/Kg	55875	01/31/2011 19:54	1	EDR
Cadmium	7440-43-9	0.0934	J		0.0721	0.250	0.0636	mg/Kg	55875	01/31/2011 19:54	1	EDR
Chromium	7440-47-3	2.92			0.112	0.250	0.0988	mg/Kg	55875	01/31/2011 19:54	1	EDR
Lead	7439-92-1	4.80			0.205	0.500	0.181	mg/Kg	55875	01/31/2011 19:54	1	EDR
Selenium	7782-49-2	0.152	~~J~~ U	b	0.0435	0.250	0.0384	mg/Kg	55875	01/31/2011 19:54	1	EDR
Silver	7440-22-4	0.0605	U		0.0686	0.250	0.0605	mg/Kg	55875	01/31/2011 19:54	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0105	U		0.0180	0.200	0.0105	mg/Kg	55715	01/26/2011 12:34	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.679	U		0.700	5.00	0.679	ug/Kg	55687	01/26/2011 18:14	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.369	U		0.380	5.00	0.369	ug/Kg	55687	01/26/2011 18:14	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.650	U		0.670	5.00	0.650	ug/Kg	55687	01/26/2011 18:14	1	SG
1,1,2-Trichloroethane	79-00-5	0.485	U		0.500	5.00	0.485	ug/Kg	55687	01/26/2011 18:14	1	SG
1,1-Dichloroethane	75-34-3	0.573	U		0.590	5.00	0.573	ug/Kg	55687	01/26/2011 18:14	1	SG

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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-0-0.5

Lab Sample ID: 560-24119-3
Client Matrix: Solid

Date Sampled: 01/20/2011 13:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
1,1-Dichloropropene	563-58-6	0.505	U		0.520	5.00	0.505	ug/Kg	55687	01/26/2011 18:14	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.427	U		0.440	5.00	0.427	ug/Kg	55687	01/26/2011 18:14	1	SG
1,2,3-Trichloropropane	96-18-4	0.738	U		0.760	5.00	0.738	ug/Kg	55687	01/26/2011 18:14	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
1,2-Dichloroethane	107-06-2	0.505	U		0.520	5.00	0.505	ug/Kg	55687	01/26/2011 18:14	1	SG
1,2-Dichloropropane	78-87-5	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.204	U		0.210	5.00	0.204	ug/Kg	55687	01/26/2011 18:14	1	SG
1,3-Dichloropropane	142-28-9	0.233	U		0.240	5.00	0.233	ug/Kg	55687	01/26/2011 18:14	1	SG
1,4-Dioxane	123-91-1	38.8	U		40.0	100	38.8	ug/Kg	55687	01/26/2011 18:14	1	SG
2,2-Dichloropropane	594-20-7	0.815	U		0.840	5.00	0.815	ug/Kg	55687	01/26/2011 18:14	1	SG
2-Butanone (MEK)	78-93-3	0.971	U		1.00	5.00	0.971	ug/Kg	55687	01/26/2011 18:14	1	SG
2-Hexanone	591-78-6	1.16	U	*	1.20	5.00	1.16	ug/Kg	55687	01/26/2011 18:14	1	SG
2-Nitropropane	79-46-9	0.505	U		0.520	5.00	0.505	ug/Kg	55687	01/26/2011 18:14	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.903	U		0.930	5.00	0.903	ug/Kg	55687	01/26/2011 18:14	1	SG
Acetone	67-64-1	6.99	U		7.20	25.0	6.99	ug/Kg	55687	01/26/2011 18:14	1	SG
Acetonitrile	75-05-8	35.9	U		37.0	50.0	35.9	ug/Kg	55687	01/26/2011 18:14	1	SG
Benzene	71-43-2	0.223	U		0.230	5.00	0.223	ug/Kg	55687	01/26/2011 18:14	1	SG
Bromoform	75-25-2	0.495	U		0.510	5.00	0.495	ug/Kg	55687	01/26/2011 18:14	1	SG
Bromomethane	74-83-9	1.07	U		1.10	5.00	1.07	ug/Kg	55687	01/26/2011 18:14	1	SG
Carbon disulfide	75-15-0	0.708	U		0.730	5.00	0.708	ug/Kg	55687	01/26/2011 18:14	1	SG
Carbon tetrachloride	56-23-5	0.495	U		0.510	5.00	0.495	ug/Kg	55687	01/26/2011 18:14	1	SG
Chlorobenzene	108-90-7	0.223	U		0.230	5.00	0.223	ug/Kg	55687	01/26/2011 18:14	1	SG
Chlorodibromomethane	124-48-1	0.621	U		0.640	5.00	0.621	ug/Kg	55687	01/26/2011 18:14	1	SG
Chloroethane	75-00-3	0.252	U		0.260	5.00	0.252	ug/Kg	55687	01/26/2011 18:14	1	SG
Chloroform	67-66-3	0.844	U		0.870	5.00	0.844	ug/Kg	55687	01/26/2011 18:14	1	SG
Chloromethane	74-87-3	1.16	U		1.20	5.00	1.16	ug/Kg	55687	01/26/2011 18:14	1	SG
cis-1,2-Dichloroethene	156-59-2	0.553	U		0.570	5.00	0.553	ug/Kg	55687	01/26/2011 18:14	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
Dibromomethane	74-95-3	0.689	U		0.710	5.00	0.689	ug/Kg	55687	01/26/2011 18:14	1	SG
Dichlorobromomethane	75-27-4	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
Dichlorodifluoromethane	75-71-8	0.708	U		0.730	5.00	0.708	ug/Kg	55687	01/26/2011 18:14	1	SG
Ethyl acetate	141-78-6	1.16	U		1.20	5.00	1.16	ug/Kg	55687	01/26/2011 18:14	1	SG
Ethyl ether	60-29-7	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
Ethyl methacrylate	97-63-2	0.495	U		0.510	5.00	0.495	ug/Kg	55687	01/26/2011 18:14	1	SG

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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-0-0.5

Lab Sample ID: 560-24119-3
Client Matrix: Solid

Date Sampled: 01/20/2011 13:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.214	U		0.220	5.00	0.214	ug/Kg	55687	01/26/2011 18:14	1	SG
Ethylene Dibromide	106-93-4	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
Iodomethane	74-88-4	0.776	U		0.800	5.00	0.776	ug/Kg	55687	01/26/2011 18:14	1	SG
Methyl methacrylate	80-62-6	1.07	U		1.10	5.00	1.07	ug/Kg	55687	01/26/2011 18:14	1	SG
Methyl tert-butyl ether	1634-04-4	0.592	U		0.610	5.00	0.592	ug/Kg	55687	01/26/2011 18:14	1	SG
Methylene Chloride	75-09-2	4.85	U		5.00	25.0	4.85	ug/Kg	55687	01/26/2011 18:14	1	SG
Styrene	100-42-5	0.194	U		0.200	5.00	0.194	ug/Kg	55687	01/26/2011 18:14	1	SG
Tetrachloroethene	127-18-4	0.718	U		0.740	5.00	0.718	ug/Kg	55687	01/26/2011 18:14	1	SG
Toluene	108-88-3	0.543	U		0.560	5.00	0.543	ug/Kg	55687	01/26/2011 18:14	1	SG
trans-1,2-Dichloroethene	156-60-5	0.485	U		0.500	5.00	0.485	ug/Kg	55687	01/26/2011 18:14	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.505	U		0.520	5.00	0.505	ug/Kg	55687	01/26/2011 18:14	1	SG
Trichloroethene	79-01-6	0.272	U		0.280	5.00	0.272	ug/Kg	55687	01/26/2011 18:14	1	SG
Trichlorofluoromethane	75-69-4	0.485	U		0.500	5.00	0.485	ug/Kg	55687	01/26/2011 18:14	1	SG
Vinyl acetate	108-05-4	1.07	U		1.10	5.00	1.07	ug/Kg	55687	01/26/2011 18:14	1	SG
Vinyl chloride	75-01-4	0.582	U		0.600	5.00	0.582	ug/Kg	55687	01/26/2011 18:14	1	SG
Xylenes, Total	1330-20-7	0.349	U		0.360	15.0	0.349	ug/Kg	55687	01/26/2011 18:14	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		66.0	48.5	136	69-136		VGCMS#3	55739	01/26/2011 18:14	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		44.2	48.5	91	56-129		VGCMS#3	55739	01/26/2011 18:14	1	SG
Dibromofluoromethane (Surr)	1868-53-7		50.1	48.5	103	63-135		VGCMS#3	55739	01/26/2011 18:14	1	SG
Toluene-d8 (Surr)	2037-26-5		47.7	48.5	98	66-124		VGCMS#3	55739	01/26/2011 18:14	1	SG

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ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-0-0.5

Lab Sample ID: 560-24119-3
Client Matrix: Solid

Date Sampled: 01/20/2011 13:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	48.4	U		45.7	330	48.4	ug/Kg	55757	01/27/2011 19:04	1	GEF
1,2-Dichlorobenzene	95-50-1	55.2	U		52.1	330	55.2	ug/Kg	55757	01/27/2011 19:04	1	GEF
1,3-Dichlorobenzene	541-73-1	46.4	U		43.8	330	46.4	ug/Kg	55757	01/27/2011 19:04	1	GEF
1,4-Dichlorobenzene	106-46-7	48.5	U		45.8	330	48.5	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,4,5-Trichlorophenol	95-95-4	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,4,6-Trichlorophenol	88-06-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,4-Dichlorophenol	120-83-2	24.1	U		22.8	330	24.1	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,4-Dimethylphenol	105-67-9	21.6	U		20.4	330	21.6	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,4-Dinitrophenol	51-28-5	106	U		100	330	106	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,4-Dinitrotoluene	121-14-2	52.9	U		50.0	330	52.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
2,6-Dinitrotoluene	606-20-2	52.9	U		50.0	330	52.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
2-Chloronaphthalene	91-58-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
2-Chlorophenol	95-57-8	29.4	U		27.8	330	29.4	ug/Kg	55757	01/27/2011 19:04	1	GEF
2-Methylnaphthalene	91-57-6	32.9	U		31.1	330	32.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
2-Methylphenol	95-48-7	34.9	U		33.0	330	34.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
2-Nitroaniline	88-74-4	23.5	U		22.2	330	23.5	ug/Kg	55757	01/27/2011 19:04	1	GEF
2-Nitrophenol	88-75-5	18.0	U		17.0	330	18.0	ug/Kg	55757	01/27/2011 19:04	1	GEF
3 & 4 Methylphenol	15831-10-4	52.9	U		50.0	670	52.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
3,3'-Dichlorobenzidine	91-94-1	177	U		167	330	177	ug/Kg	55757	01/27/2011 19:04	1	GEF
3-Nitroaniline	99-09-2	106	U		100	330	106	ug/Kg	55757	01/27/2011 19:04	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	52.9	U		50.0	330	52.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
4-Bromophenyl phenyl ether	101-55-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
4-Chloro-3-methylphenol	59-50-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
4-Chloroaniline	106-47-8	106	U		100	330	106	ug/Kg	55757	01/27/2011 19:04	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
4-Nitroaniline	100-01-6	106	U		100	330	106	ug/Kg	55757	01/27/2011 19:04	1	GEF
4-Nitrophenol	100-02-7	106	U		100	330	106	ug/Kg	55757	01/27/2011 19:04	1	GEF
Acenaphthene	83-32-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Acenaphthylene	208-96-8	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Anthracene	120-12-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Benzo[a]anthracene	56-55-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Benzo[a]pyrene	50-32-8	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Benzo[b]fluoranthene	205-99-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-0-0.5

Lab Sample ID: 560-24119-3
Client Matrix: Solid

Date Sampled: 01/20/2011 13:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Benzo[k]fluoranthene	207-08-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Benzyl alcohol	100-51-6	25.9	U		24.5	330	25.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Bis(2-chloroethyl)ether	111-44-4	39.6	U		37.4	330	39.6	ug/Kg	55757	01/27/2011 19:04	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	61.6	~~U~~ u	b	16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Butyl benzyl phthalate	85-68-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Chrysene	218-01-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Di-n-butyl phthalate	84-74-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Di-n-octyl phthalate	117-84-0	19.8	U		18.7	330	19.8	ug/Kg	55757	01/27/2011 19:04	1	GEF
Dibenz(a,h)anthracene	53-70-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Dibenzofuran	132-64-9	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Diethyl phthalate	84-66-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Dimethyl phthalate	131-11-3	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Fluoranthene	206-44-0	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Fluorene	86-73-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Hexachlorobenzene	118-74-1	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Hexachlorobutadiene	87-68-3	47.3	U		44.7	330	47.3	ug/Kg	55757	01/27/2011 19:04	1	GEF
Hexachlorocyclopentadiene	77-47-4	52.9	U		50.0	330	52.9	ug/Kg	55757	01/27/2011 19:04	1	GEF
Hexachloroethane	67-72-1	53.1	U		50.1	330	53.1	ug/Kg	55757	01/27/2011 19:04	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Isophorone	78-59-1	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
N-Nitrosodiphenylamine	86-30-6	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Naphthalene	91-20-3	44.2	U		41.7	330	44.2	ug/Kg	55757	01/27/2011 19:04	1	GEF
Nitrobenzene	98-95-3	38.5	U		36.4	330	38.5	ug/Kg	55757	01/27/2011 19:04	1	GEF
Pentachlorophenol	87-86-5	106	U		100	330	106	ug/Kg	55757	01/27/2011 19:04	1	GEF
Phenanthrene	85-01-8	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Phenol	108-95-2	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF
Pyrene	129-00-0	17.7	U		16.7	330	17.7	ug/Kg	55757	01/27/2011 19:04	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4910	5290	93	65-120		SVGCMS#3	55726	01/27/2011 19:04	1	GEF
2-Fluorobiphenyl	321-60-8		2910	3530	82	64-120		SVGCMS#3	55726	01/27/2011 19:04	1	GEF
2-Fluorophenol	367-12-4		3930	5290	74	53-120		SVGCMS#3	55726	01/27/2011 19:04	1	GEF
Nitrobenzene-d5	4165-60-0		2820	3530	80	55-120		SVGCMS#3	55726	01/27/2011 19:04	1	GEF
Phenol-d5	4165-62-2		4260	5290	81	59-120		SVGCMS#3	55726	01/27/2011 19:04	1	GEF
Terphenyl-d14	1718-51-0		2940	3530	83	67-120		SVGCMS#3	55726	01/27/2011 19:04	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-0-0.5

Lab Sample ID: 560-24119-3
Client Matrix: Solid

Date Sampled: 01/20/2011 13:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:38	1	SG
C6-C35	STL00006	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:38	1	SG
Over C12-C28	STL00035	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:38	1	SG
Over C28-C35	STL00147	10.6	U		10.0	50.0	10.6	mg/Kg	55628	01/25/2011 13:38	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		309	265	116	70-130		SVGC#4	55606	01/25/2011 13:38	1	SG
o-Terphenyl	84-15-1		337	265	127	70-130		SVGC#4	55606	01/25/2011 13:38	1	SG

S. Chaira
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-2-3

Lab Sample ID: 560-24119-4
Client Matrix: Solid

Date Sampled: 01/20/2011 13:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	15			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	4.96			0.0499	0.250	0.0576	mg/Kg	55875	01/31/2011 19:59	1	EDR
Barium	7440-39-3	324			0.109	0.250	1.26	mg/Kg	55927	02/01/2011 16:33	10	EDR
Cadmium	7440-43-9	0.474			0.0721	0.250	0.0833	mg/Kg	55875	01/31/2011 19:59	1	EDR
Chromium	7440-47-3	9.47			0.112	0.250	0.129	mg/Kg	55875	01/31/2011 19:59	1	EDR
Lead	7439-92-1	775			0.205	0.500	2.37	mg/Kg	55927	02/01/2011 16:33	10	EDR
Selenium	7782-49-2	2.31	J	b	0.0435	0.250	0.0502	mg/Kg	55875	01/31/2011 19:59	1	EDR
Silver	7440-22-4	0.500			0.0686	0.250	0.0792	mg/Kg	55875	01/31/2011 19:59	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0708	J		0.0180	0.200	0.0148	mg/Kg	55715	01/26/2011 12:36	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	1.02	U	UJ	0.700	5.00	1.02	ug/Kg	55942	02/02/2011 19:38	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.553	U		0.380	5.00	0.553	ug/Kg	55942	02/02/2011 19:38	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.975	U		0.670	5.00	0.975	ug/Kg	55942	02/02/2011 19:38	1	SG
1,1,2-Trichloroethane	79-00-5	0.728	U		0.500	5.00	0.728	ug/Kg	55942	02/02/2011 19:38	1	SG
1,1-Dichloroethane	75-34-3	0.859	U	UJ	0.590	5.00	0.859	ug/Kg	55942	02/02/2011 19:38	1	SG

S. Chaffe 2-15-11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-2-3

Lab Sample ID: 560-24119-4
Client Matrix: Solid

Date Sampled: 01/20/2011 13:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	16.6		J	0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
1,1-Dichloropropene	563-58-6	0.757	U	UJ	0.520	5.00	0.757	ug/Kg	55942	02/02/2011 19:38	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.640	U		0.440	5.00	0.640	ug/Kg	55942	02/02/2011 19:38	1	SG
1,2,3-Trichloropropane	96-18-4	1.11	U		0.760	5.00	1.11	ug/Kg	55942	02/02/2011 19:38	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.291	U		0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
1,2-Dichloroethane	107-06-2	0.757	U		0.520	5.00	0.757	ug/Kg	55942	02/02/2011 19:38	1	SG
1,2-Dichloropropane	78-87-5	0.291	U		0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.306	U		0.210	5.00	0.306	ug/Kg	55942	02/02/2011 19:38	1	SG
1,3-Dichloropropane	142-28-9	0.349	U		0.240	5.00	0.349	ug/Kg	55942	02/02/2011 19:38	1	SG
1,4-Dioxane	123-91-1	58.2	U		40.0	100	58.2	ug/Kg	55942	02/02/2011 19:38	1	SG
2,2-Dichloropropane	594-20-7	1.22	U		0.840	5.00	1.22	ug/Kg	55942	02/02/2011 19:38	1	SG
2-Butanone (MEK)	78-93-3	1.46	U		1.00	5.00	1.46	ug/Kg	55942	02/02/2011 19:38	1	SG
2-Hexanone	591-78-6	1.75	U	*	1.20	5.00	1.75	ug/Kg	55942	02/02/2011 19:38	1	SG
2-Nitropropane	79-46-9	0.757	U	*	0.520	5.00	0.757	ug/Kg	55942	02/02/2011 19:38	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.35	U	UJ *	0.930	5.00	1.35	ug/Kg	55942	02/02/2011 19:38	1	SG
Acetone	67-64-1	10.5	J	U b	7.20	25.0	10.5	ug/Kg	55942	02/02/2011 19:38	1	SG
Acetonitrile	75-05-8	53.9	U	UJ	37.0	50.0	53.9	ug/Kg	55942	02/02/2011 19:38	1	SG
Benzene	71-43-2	0.976	J		0.230	5.00	0.335	ug/Kg	55942	02/02/2011 19:38	1	SG
Bromoform	75-25-2	0.742	U	UJ	0.510	5.00	0.742	ug/Kg	55942	02/02/2011 19:38	1	SG
Bromomethane	74-83-9	1.60	U		1.10	5.00	1.60	ug/Kg	55942	02/02/2011 19:38	1	SG
Carbon disulfide	75-15-0	1.06	U		0.730	5.00	1.06	ug/Kg	55942	02/02/2011 19:38	1	SG
Carbon tetrachloride	56-23-5	0.742	U		0.510	5.00	0.742	ug/Kg	55942	02/02/2011 19:38	1	SG
Chlorobenzene	108-90-7	0.335	U		0.230	5.00	0.335	ug/Kg	55942	02/02/2011 19:38	1	SG
Chlorodibromomethane	124-48-1	0.932	U		0.640	5.00	0.932	ug/Kg	55942	02/02/2011 19:38	1	SG
Chloroethane	75-00-3	0.378	U		0.260	5.00	0.378	ug/Kg	55942	02/02/2011 19:38	1	SG
Chloroform	67-66-3	1.27	U		0.870	5.00	1.27	ug/Kg	55942	02/02/2011 19:38	1	SG
Chloromethane	74-87-3	1.75	U		1.20	5.00	1.75	ug/Kg	55942	02/02/2011 19:38	1	SG
cis-1,2-Dichloroethene	156-59-2	0.830	U		0.570	5.00	0.830	ug/Kg	55942	02/02/2011 19:38	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.291	U		0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
Dibromomethane	74-95-3	1.03	U		0.710	5.00	1.03	ug/Kg	55942	02/02/2011 19:38	1	SG
Dichlorobromomethane	75-27-4	0.291	U		0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
Dichlorodifluoromethane	75-71-8	1.06	U		0.730	5.00	1.06	ug/Kg	55942	02/02/2011 19:38	1	SG
Ethyl acetate	141-78-6	1.75	U		1.20	5.00	1.75	ug/Kg	55942	02/02/2011 19:38	1	SG
Ethyl ether	60-29-7	0.291	U		0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
Ethyl methacrylate	97-63-2	0.742	U	UJ *	0.510	5.00	0.742	ug/Kg	55942	02/02/2011 19:38	1	SG

FEB 25 11 Sample

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-2-3

Lab Sample ID: 560-24119-4
Client Matrix: Solid

Date Sampled: 01/20/2011 13:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.320	U	UJ	0.220	5.00	0.320	ug/Kg	55942	02/02/2011 19:38	1	SG
Ethylene Dibromide	106-93-4	0.291	U		0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
Iodomethane	74-88-4	1.16	U		0.800	5.00	1.16	ug/Kg	55942	02/02/2011 19:38	1	SG
Methyl methacrylate	80-62-6	1.60	U		1.10	5.00	1.60	ug/Kg	55942	02/02/2011 19:38	1	SG
Methyl tert-butyl ether	1634-04-4	0.888	U	UJ	0.610	5.00	0.888	ug/Kg	55942	02/02/2011 19:38	1	SG
Methylene Chloride	75-09-2	22.3	J		5.00	25.0	7.28	ug/Kg	55942	02/02/2011 19:38	1	SG
Styrene	100-42-5	0.291	U	UJ	0.200	5.00	0.291	ug/Kg	55942	02/02/2011 19:38	1	SG
Tetrachloroethene	127-18-4	1.08	U	UJ	0.740	5.00	1.08	ug/Kg	55942	02/02/2011 19:38	1	SG
Toluene	108-88-3	1.11	J		0.560	5.00	0.815	ug/Kg	55942	02/02/2011 19:38	1	SG
trans-1,2-Dichloroethene	156-60-5	0.728	U	UJ	0.500	5.00	0.728	ug/Kg	55942	02/02/2011 19:38	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.757	U		0.520	5.00	0.757	ug/Kg	55942	02/02/2011 19:38	1	SG
Trichloroethene	79-01-6	0.408	U		0.280	5.00	0.408	ug/Kg	55942	02/02/2011 19:38	1	SG
Trichlorofluoromethane	75-69-4	0.728	U		0.500	5.00	0.728	ug/Kg	55942	02/02/2011 19:38	1	SG
Vinyl acetate	108-05-4	1.60	U		1.10	5.00	1.60	ug/Kg	55942	02/02/2011 19:38	1	SG
Vinyl chloride	75-01-4	0.873	U		0.600	5.00	0.873	ug/Kg	55942	02/02/2011 19:38	1	SG
Xylenes, Total	1330-20-7	0.524	U	UJ	0.360	15.0	0.524	ug/Kg	55942	02/02/2011 19:38	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		87.3	72.8	120	69-136		VGCMS#3	55955	02/02/2011 19:38	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		50.0	72.8	69	56-129		VGCMS#3	55955	02/02/2011 19:38	1	SG
Dibromofluoromethane (Surr)	1868-53-7		71.9	72.8	99	63-135		VGCMS#3	55955	02/02/2011 19:38	1	SG
Toluene-d8 (Surr)	2037-26-5		65.8	72.8	90	66-124		VGCMS#3	55955	02/02/2011 19:38	1	SG

S. Champ
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-2-3

Lab Sample ID: 560-24119-4
Client Matrix: Solid

Date Sampled: 01/20/2011 13:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	53.7	U		45.7	330	53.7	ug/Kg	55757	01/27/2011 19:29	1	GEF
1,2-Dichlorobenzene	95-50-1	61.2	U		52.1	330	61.2	ug/Kg	55757	01/27/2011 19:29	1	GEF
1,3-Dichlorobenzene	541-73-1	51.5	U		43.8	330	51.5	ug/Kg	55757	01/27/2011 19:29	1	GEF
1,4-Dichlorobenzene	106-46-7	53.8	U		45.8	330	53.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,4-Dichlorophenol	120-83-2	26.8	U		22.8	330	26.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,4-Dimethylphenol	105-67-9	24.0	U		20.4	330	24.0	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,4-Dinitrophenol	51-28-5	118	U		100	330	118	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,4-Dinitrotoluene	121-14-2	58.8	U		50.0	330	58.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
2,6-Dinitrotoluene	606-20-2	58.8	U		50.0	330	58.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
2-Chloronaphthalene	91-58-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
2-Chlorophenol	95-57-8	32.7	U		27.8	330	32.7	ug/Kg	55757	01/27/2011 19:29	1	GEF
2-Methylnaphthalene	91-57-6	36.6	U		31.1	330	36.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
2-Methylphenol	95-48-7	38.8	U		33.0	330	38.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
2-Nitroaniline	88-74-4	26.1	U		22.2	330	26.1	ug/Kg	55757	01/27/2011 19:29	1	GEF
2-Nitrophenol	88-75-5	20.0	U		17.0	330	20.0	ug/Kg	55757	01/27/2011 19:29	1	GEF
3 & 4 Methylphenol	15831-10-4	58.8	U		50.0	670	58.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
3,3'-Dichlorobenzidine	91-94-1	196	U		167	330	196	ug/Kg	55757	01/27/2011 19:29	1	GEF
3-Nitroaniline	99-09-2	118	U		100	330	118	ug/Kg	55757	01/27/2011 19:29	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	58.8	U		50.0	330	58.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
4-Chloroaniline	106-47-8	118	U		100	330	118	ug/Kg	55757	01/27/2011 19:29	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
4-Nitroaniline	100-01-6	118	U		100	330	118	ug/Kg	55757	01/27/2011 19:29	1	GEF
4-Nitrophenol	100-02-7	118	U		100	330	118	ug/Kg	55757	01/27/2011 19:29	1	GEF
Acenaphthene	83-32-9	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Acenaphthylene	208-96-8	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Anthracene	120-12-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Benzo[a]anthracene	56-55-3	51.1	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Benzo[a]pyrene	50-32-8	80.8	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Benzo[b]fluoranthene	205-99-2	149	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-2-3

Lab Sample ID: 560-24119-4
Client Matrix: Solid

Date Sampled: 01/20/2011 13:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	79.1	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Benzo[k]fluoranthene	207-08-9	59.0	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Benzyl alcohol	100-51-6	28.8	U		24.5	330	28.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Bis(2-chloroethyl)ether	111-44-4	44.0	U		37.4	330	44.0	ug/Kg	55757	01/27/2011 19:29	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	62.5	~~J~~ U	b	16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Butyl benzyl phthalate	85-68-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Chrysene	218-01-9	91.8	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Di-n-butyl phthalate	84-74-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Di-n-octyl phthalate	117-84-0	22.0	U		18.7	330	22.0	ug/Kg	55757	01/27/2011 19:29	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.1	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Dibenzofuran	132-64-9	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Diethyl phthalate	84-66-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Dimethyl phthalate	131-11-3	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Fluoranthene	206-44-0	107	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Fluorene	86-73-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Hexachlorobenzene	118-74-1	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Hexachlorobutadiene	87-68-3	52.5	U		44.7	330	52.5	ug/Kg	55757	01/27/2011 19:29	1	GEF
Hexachlorocyclopentadiene	77-47-4	58.8	U		50.0	330	58.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
Hexachloroethane	67-72-1	58.9	U		50.1	330	58.9	ug/Kg	55757	01/27/2011 19:29	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	63.2	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Isophorone	78-59-1	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Naphthalene	91-20-3	49.0	U		41.7	330	49.0	ug/Kg	55757	01/27/2011 19:29	1	GEF
Nitrobenzene	98-95-3	42.8	U		36.4	330	42.8	ug/Kg	55757	01/27/2011 19:29	1	GEF
Pentachlorophenol	87-86-5	118	U		100	330	118	ug/Kg	55757	01/27/2011 19:29	1	GEF
Phenanthrene	85-01-8	38.3	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Phenol	108-95-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF
Pyrene	129-00-0	96.1	J		16.7	330	19.6	ug/Kg	55757	01/27/2011 19:29	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5070	5880	86	65-120		SVGCMS#3	55726	01/27/2011 19:29	1	GEF
2-Fluorobiphenyl	321-60-8		3110	3920	79	64-120		SVGCMS#3	55726	01/27/2011 19:29	1	GEF
2-Fluorophenol	367-12-4		3880	5880	66	53-120		SVGCMS#3	55726	01/27/2011 19:29	1	GEF
Nitrobenzene-d5	4165-60-0		2730	3920	70	55-120		SVGCMS#3	55726	01/27/2011 19:29	1	GEF
Phenol-d5	4165-62-2		4340	5880	74	59-120		SVGCMS#3	55726	01/27/2011 19:29	1	GEF
Terphenyl-d14	1718-51-0		3060	3920	78	67-120		SVGCMS#3	55726	01/27/2011 19:29	1	GEF

S. Craig
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB11-2-3

Lab Sample ID: 560-24119-4
Client Matrix: Solid

Date Sampled: 01/20/2011 13:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.8	U		10.0	50.0	11.8	mg/Kg	55628	01/25/2011 13:48	1	SG
C6-C35	STL00006	52.0	J		10.0	50.0	11.8	mg/Kg	55628	01/25/2011 13:48	1	SG
Over C12-C28	STL00035	29.0	J		10.0	50.0	11.8	mg/Kg	55628	01/25/2011 13:48	1	SG
Over C28-C35	STL00147	23.0	J		10.0	50.0	11.8	mg/Kg	55628	01/25/2011 13:48	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		353	296	119	70-130		SVGC#4	55606	01/25/2011 13:48	1	SG
o-Terphenyl	84-15-1		384	296	130	70-130		SVGC#4	55606	01/25/2011 13:48	1	SG

S. Charte
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Ultrasonic Extraction		Complete							55842	01/31/2011 08:41		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.33			0.0499	0.250	0.0461	mg/Kg	55875	01/31/2011 20:05	1	EDR
Barium	7440-39-3	41.8			0.109	0.250	0.101	mg/Kg	55875	01/31/2011 20:05	1	EDR
Cadmium	7440-43-9	0.0666	U		0.0721	0.250	0.0666	mg/Kg	55875	01/31/2011 20:05	1	EDR
Chromium	7440-47-3	3.65			0.112	0.250	0.103	mg/Kg	55875	01/31/2011 20:05	1	EDR
Lead	7439-92-1	4.26			0.205	0.500	0.189	mg/Kg	55875	01/31/2011 20:05	1	EDR
Selenium	7782-49-2	0.168	U	b	0.0435	0.250	0.0402	mg/Kg	55875	01/31/2011 20:05	1	EDR
Silver	7440-22-4	0.0634	U		0.0686	0.250	0.0634	mg/Kg	55875	01/31/2011 20:05	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0112	U		0.0180	0.200	0.0112	mg/Kg	55715	01/26/2011 12:38	1	JEM
Method: SW846 8081B,Solid										Dry Weight Corrected?:		Y
4,4'-DDD	72-54-8	0.0995	U		0.0881	1.70	0.0995	ug/Kg	55896	02/01/2011 16:19	1	BC
4,4'-DDE	72-55-9	0.0940	U		0.0833	1.70	0.0940	ug/Kg	55896	02/01/2011 16:19	1	BC
4,4'-DDT	50-29-3	0.151	U		0.134	1.70	0.151	ug/Kg	55896	02/01/2011 16:19	1	BC
Aldrin	309-00-2	0.0967	U		0.0857	1.70	0.0967	ug/Kg	55896	02/01/2011 16:19	1	BC
alpha-BHC	319-84-6	0.245	U		0.217	1.70	0.245	ug/Kg	55896	02/01/2011 16:19	1	BC

S. Chaffe 5/11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
alpha-Chlordane	5103-71-9	0.314	U		0.278	1.70	0.314	ug/Kg	55896	02/01/2011 16:19	1	BC
beta-BHC	319-85-7	0.334	U		0.296	1.70	0.334	ug/Kg	55896	02/01/2011 16:19	1	BC
Chlordane (technical)	57-74-9	2.12	U		1.88	17.0	2.12	ug/Kg	55896	02/01/2011 16:19	1	BC
Chlordane (technical) Peak 1	STL00379	2.12	U		1.88	17.0	2.12	ug/Kg	55896	02/01/2011 16:19	1	BC
Chlordane (technical) Peak 2	STL00380	2.12	U		1.88	17.0	2.12	ug/Kg	55896	02/01/2011 16:19	1	BC
Chlordane (technical) Peak 3	STL00084	2.12	U		1.88	17.0	2.12	ug/Kg	55896	02/01/2011 16:19	1	BC
Chlordane (technical) Peak 4	STL00065	2.12	U		1.88	17.0	2.12	ug/Kg	55896	02/01/2011 16:19	1	BC
delta-BHC	319-86-8	0.0940	U		0.0833	1.70	0.0940	ug/Kg	55896	02/01/2011 16:19	1	BC
Dieldrin	60-57-1	0.0946	U		0.0838	1.70	0.0946	ug/Kg	55896	02/01/2011 16:19	1	BC
Endosulfan I	959-98-8	0.0940	U		0.0833	1.70	0.0940	ug/Kg	55896	02/01/2011 16:19	1	BC
Endosulfan II	33213-65-9	0.0940	U		0.0833	1.70	0.0940	ug/Kg	55896	02/01/2011 16:19	1	BC
Endosulfan sulfate	1031-07-8	0.122	U		0.108	1.70	0.122	ug/Kg	55896	02/01/2011 16:19	1	BC
Endrin	72-20-8	0.0940	U		0.0833	1.70	0.0940	ug/Kg	55896	02/01/2011 16:19	1	BC
Endrin aldehyde	7421-93-4	0.158	U		0.140	1.70	0.158	ug/Kg	55896	02/01/2011 16:19	1	BC
Endrin ketone	53494-70-5	0.0995	U		0.0881	1.70	0.0995	ug/Kg	55896	02/01/2011 16:19	1	BC
gamma-BHC (Lindane)	58-89-9	0.0940	U		0.0833	1.70	0.0940	ug/Kg	55896	02/01/2011 16:19	1	BC
gamma-Chlordane	5103-74-2	0.430	U		0.381	1.70	0.430	ug/Kg	55896	02/01/2011 16:19	1	BC
Heptachlor	76-44-8	0.507	U		0.449	1.70	0.507	ug/Kg	55896	02/01/2011 16:19	1	BC
Heptachlor epoxide	1024-57-3	0.109	U		0.0963	1.70	0.109	ug/Kg	55896	02/01/2011 16:19	1	BC
Methoxychlor	72-43-5	0.261	U		0.231	1.70	0.261	ug/Kg	55896	02/01/2011 16:19	1	BC
Toxaphene	8001-35-2	5.83	U		5.16	33.0	5.83	ug/Kg	55896	02/01/2011 16:19	1	BC

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
DCB Decachlorobiphenyl	2051-24-3		16.8	18.8	89	55-130		SVGC#1	55842	02/01/2011 16:19	1	BC
Tetrachloro-m-xylene	877-09-8		17.6	18.8	94	69-125		SVGC#1	55842	02/01/2011 16:19	1	BC

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.713	U	UJ	0.700	5.00	0.713	ug/Kg	55984	02/03/2011 16:10	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.387	U		0.380	5.00	0.387	ug/Kg	55984	02/03/2011 16:10	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.682	U		0.670	5.00	0.682	ug/Kg	55984	02/03/2011 16:10	1	SG
1,1,2-Trichloroethane	79-00-5	0.509	U		0.500	5.00	0.509	ug/Kg	55984	02/03/2011 16:10	1	SG
1,1-Dichloroethane	75-34-3	0.601	U		0.590	5.00	0.601	ug/Kg	55984	02/03/2011 16:10	1	SG
1,1-Dichloroethene	75-35-4	3.73	J		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
1,1-Dichloropropene	563-58-6	0.530	U	UJ	0.520	5.00	0.530	ug/Kg	55984	02/03/2011 16:10	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.448	U		0.440	5.00	0.448	ug/Kg	55984	02/03/2011 16:10	1	SG
1,2,3-Trichloropropane	96-18-4	0.774	U		0.760	5.00	0.774	ug/Kg	55984	02/03/2011 16:10	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.463	J		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
1,2-Dichloroethane	107-06-2	0.530	U	UJ	0.520	5.00	0.530	ug/Kg	55984	02/03/2011 16:10	1	SG
1,2-Dichloropropane	78-87-5	0.204	U		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.214	U		0.210	5.00	0.214	ug/Kg	55984	02/03/2011 16:10	1	SG
1,3-Dichloropropane	142-28-9	0.244	U		0.240	5.00	0.244	ug/Kg	55984	02/03/2011 16:10	1	SG
1,4-Dioxane	123-91-1	40.7	U		40.0	100	40.7	ug/Kg	55984	02/03/2011 16:10	1	SG
2,2-Dichloropropane	594-20-7	0.856	U		0.840	5.00	0.856	ug/Kg	55984	02/03/2011 16:10	1	SG
2-Butanone (MEK)	78-93-3	1.02	U		1.00	5.00	1.02	ug/Kg	55984	02/03/2011 16:10	1	SG
2-Hexanone	591-78-6	1.22	U	*	1.20	5.00	1.22	ug/Kg	55984	02/03/2011 16:10	1	SG
2-Nitropropane	79-46-9	0.530	U	*	0.520	5.00	0.530	ug/Kg	55984	02/03/2011 16:10	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.947	U	*	0.930	5.00	0.947	ug/Kg	55984	02/03/2011 16:10	1	SG
Acetone	67-64-1	7.33	U		7.20	25.0	7.33	ug/Kg	55984	02/03/2011 16:10	1	SG
Acetonitrile	75-05-8	37.7	U		37.0	50.0	37.7	ug/Kg	55984	02/03/2011 16:10	1	SG
Benzene	71-43-2	0.234	U		0.230	5.00	0.234	ug/Kg	55984	02/03/2011 16:10	1	SG
Bromoform	75-25-2	0.519	U		0.510	5.00	0.519	ug/Kg	55984	02/03/2011 16:10	1	SG
Bromomethane	74-83-9	1.12	U		1.10	5.00	1.12	ug/Kg	55984	02/03/2011 16:10	1	SG
Carbon disulfide	75-15-0	0.744	U		0.730	5.00	0.744	ug/Kg	55984	02/03/2011 16:10	1	SG
Carbon tetrachloride	56-23-5	0.519	U		0.510	5.00	0.519	ug/Kg	55984	02/03/2011 16:10	1	SG
Chlorobenzene	108-90-7	0.234	U		0.230	5.00	0.234	ug/Kg	55984	02/03/2011 16:10	1	SG
Chlorodibromomethane	124-48-1	0.652	U		0.640	5.00	0.652	ug/Kg	55984	02/03/2011 16:10	1	SG
Chloroethane	75-00-3	0.265	U		0.260	5.00	0.265	ug/Kg	55984	02/03/2011 16:10	1	SG
Chloroform	67-66-3	0.886	U		0.870	5.00	0.886	ug/Kg	55984	02/03/2011 16:10	1	SG
Chloromethane	74-87-3	1.22	U		1.20	5.00	1.22	ug/Kg	55984	02/03/2011 16:10	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
cis-1,2-Dichloroethene	156-59-2	0.581	U	UJ	0.570	5.00	0.581	ug/Kg	55984	02/03/2011 16:10	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.204	U		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
Dibromomethane	74-95-3	0.723	U		0.710	5.00	0.723	ug/Kg	55984	02/03/2011 16:10	1	SG
Dichlorobromomethane	75-27-4	0.204	U		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
Dichlorodifluoromethane	75-71-8	0.744	U		0.730	5.00	0.744	ug/Kg	55984	02/03/2011 16:10	1	SG
Ethyl acetate	141-78-6	1.22	U		1.20	5.00	1.22	ug/Kg	55984	02/03/2011 16:10	1	SG
Ethyl ether	60-29-7	0.204	U		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
Ethyl methacrylate	97-63-2	0.519	U		0.510	5.00	0.519	ug/Kg	55984	02/03/2011 16:10	1	SG
Ethylbenzene	100-41-4	0.224	U		0.220	5.00	0.224	ug/Kg	55984	02/03/2011 16:10	1	SG
Ethylene Dibromide	106-93-4	0.204	U		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
Iodomethane	74-88-4	0.815	U		0.800	5.00	0.815	ug/Kg	55984	02/03/2011 16:10	1	SG
Methyl methacrylate	80-62-6	1.12	U		1.10	5.00	1.12	ug/Kg	55984	02/03/2011 16:10	1	SG
Methyl tert-butyl ether	1634-04-4	0.621	U		0.610	5.00	0.621	ug/Kg	55984	02/03/2011 16:10	1	SG
Methylene Chloride	75-09-2	5.09	U		5.00	25.0	5.09	ug/Kg	55984	02/03/2011 16:10	1	SG
Styrene	100-42-5	0.204	U		0.200	5.00	0.204	ug/Kg	55984	02/03/2011 16:10	1	SG
Tetrachloroethene	127-18-4	0.754	U		0.740	5.00	0.754	ug/Kg	55984	02/03/2011 16:10	1	SG
Toluene	108-88-3	0.570	U		0.560	5.00	0.570	ug/Kg	55984	02/03/2011 16:10	1	SG
trans-1,2-Dichloroethene	156-60-5	0.509	U		0.500	5.00	0.509	ug/Kg	55984	02/03/2011 16:10	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.530	U		0.520	5.00	0.530	ug/Kg	55984	02/03/2011 16:10	1	SG
Trichloroethene	79-01-6	0.285	U		0.280	5.00	0.285	ug/Kg	55984	02/03/2011 16:10	1	SG
Trichlorofluoromethane	75-69-4	0.509	U		0.500	5.00	0.509	ug/Kg	55984	02/03/2011 16:10	1	SG
Vinyl acetate	108-05-4	1.12	U		1.10	5.00	1.12	ug/Kg	55984	02/03/2011 16:10	1	SG
Vinyl chloride	75-01-4	0.611	U		0.600	5.00	0.611	ug/Kg	55984	02/03/2011 16:10	1	SG
Xylenes, Total	1330-20-7	0.367	U	UJ	0.360	15.0	0.367	ug/Kg	55984	02/03/2011 16:10	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		57.2	50.9	112	69-136		VGCMS#3	55995	02/03/2011 16:10	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		48.3	50.9	95	56-129		VGCMS#3	55995	02/03/2011 16:10	1	SG
Dibromofluoromethane (Surr)	1868-53-7		39.8	50.9	78	63-135		VGCMS#3	55995	02/03/2011 16:10	1	SG
Toluene-d8 (Surr)	2037-26-5		51.4	50.9	101	66-124		VGCMS#3	55995	02/03/2011 16:10	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.6	U		45.7	330	51.6	ug/Kg	55757	01/27/2011 19:55	1	GEF
1,2-Dichlorobenzene	95-50-1	58.9	U		52.1	330	58.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
1,3-Dichlorobenzene	541-73-1	49.5	U		43.8	330	49.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
1,4-Dichlorobenzene	106-46-7	51.7	U		45.8	330	51.7	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,4-Dichlorophenol	120-83-2	25.8	U		22.8	330	25.8	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,4-Dimethylphenol	105-67-9	23.0	U		20.4	330	23.0	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,4-Dinitrophenol	51-28-5	113	U		100	330	113	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,4-Dinitrotoluene	121-14-2	56.5	U		50.0	330	56.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
2,6-Dinitrotoluene	606-20-2	56.5	U		50.0	330	56.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
2-Chloronaphthalene	91-58-7	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
2-Chlorophenol	95-57-8	31.4	U		27.8	330	31.4	ug/Kg	55757	01/27/2011 19:55	1	GEF
2-Methylnaphthalene	91-57-6	35.1	U		31.1	330	35.1	ug/Kg	55757	01/27/2011 19:55	1	GEF
2-Methylphenol	95-48-7	37.3	U		33.0	330	37.3	ug/Kg	55757	01/27/2011 19:55	1	GEF
2-Nitroaniline	88-74-4	25.1	U		22.2	330	25.1	ug/Kg	55757	01/27/2011 19:55	1	GEF
2-Nitrophenol	88-75-5	19.2	U		17.0	330	19.2	ug/Kg	55757	01/27/2011 19:55	1	GEF
3 & 4 Methylphenol	15831-10-4	56.5	U		50.0	670	56.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
3,3'-Dichlorobenzidine	91-94-1	189	U		167	330	189	ug/Kg	55757	01/27/2011 19:55	1	GEF
3-Nitroaniline	99-09-2	113	U		100	330	113	ug/Kg	55757	01/27/2011 19:55	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	56.5	U		50.0	330	56.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
4-Chloroaniline	106-47-8	113	U		100	330	113	ug/Kg	55757	01/27/2011 19:55	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
4-Nitroaniline	100-01-6	113	U		100	330	113	ug/Kg	55757	01/27/2011 19:55	1	GEF
4-Nitrophenol	100-02-7	113	U		100	330	113	ug/Kg	55757	01/27/2011 19:55	1	GEF
Acenaphthene	83-32-9	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Acenaphthylene	208-96-8	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Anthracene	120-12-7	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Benzo[a]anthracene	56-55-3	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Benzo[a]pyrene	50-32-8	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Benzo[b]fluoranthene	205-99-2	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Benzo[k]fluoranthene	207-08-9	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Benzyl alcohol	100-51-6	27.7	U		24.5	330	27.7	ug/Kg	55757	01/27/2011 19:55	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Bis(2-chloroethyl)ether	111-44-4	42.2	U		37.4	330	42.2	ug/Kg	55757	01/27/2011 19:55	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	83.3	✗ U	b	16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Butyl benzyl phthalate	85-68-7	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Chrysene	218-01-9	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Di-n-butyl phthalate	84-74-2	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Di-n-octyl phthalate	117-84-0	21.1	U		18.7	330	21.1	ug/Kg	55757	01/27/2011 19:55	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Dibenzofuran	132-64-9	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Diethyl phthalate	84-66-2	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Dimethyl phthalate	131-11-3	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Fluoranthene	206-44-0	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Fluorene	86-73-7	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Hexachlorobenzene	118-74-1	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Hexachlorobutadiene	87-68-3	50.5	U		44.7	330	50.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
Hexachlorocyclopentadiene	77-47-4	56.5	U		50.0	330	56.5	ug/Kg	55757	01/27/2011 19:55	1	GEF
Hexachloroethane	67-72-1	56.6	U		50.1	330	56.6	ug/Kg	55757	01/27/2011 19:55	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Isophorone	78-59-1	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Naphthalene	91-20-3	47.1	U		41.7	330	47.1	ug/Kg	55757	01/27/2011 19:55	1	GEF
Nitrobenzene	98-95-3	41.1	U		36.4	330	41.1	ug/Kg	55757	01/27/2011 19:55	1	GEF
Pentachlorophenol	87-86-5	113	U		100	330	113	ug/Kg	55757	01/27/2011 19:55	1	GEF
Phenanthrene	85-01-8	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Phenol	108-95-2	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF
Pyrene	129-00-0	18.9	U		16.7	330	18.9	ug/Kg	55757	01/27/2011 19:55	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5210	5650	92	65-120		SVGCMS#3	55726	01/27/2011 19:55	1	GEF
2-Fluorobiphenyl	321-60-8		2990	3770	79	64-120		SVGCMS#3	55726	01/27/2011 19:55	1	GEF
2-Fluorophenol	367-12-4		3950	5650	70	53-120		SVGCMS#3	55726	01/27/2011 19:55	1	GEF
Nitrobenzene-d5	4165-60-0		2870	3770	76	55-120		SVGCMS#3	55726	01/27/2011 19:55	1	GEF
Phenol-d5	4165-62-2		4240	5650	75	59-120		SVGCMS#3	55726	01/27/2011 19:55	1	GEF
Terphenyl-d14	1718-51-0		3210	3770	85	67-120		SVGCMS#3	55726	01/27/2011 19:55	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-0-0.5

Lab Sample ID: 560-24119-5
Client Matrix: Solid

Date Sampled: 01/20/2011 13:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.3	U		10.0	50.0	11.3	mg/Kg	55628	01/25/2011 14:17	1	SG
C6-C35	STL00006	11.3	U		10.0	50.0	11.3	mg/Kg	55628	01/25/2011 14:17	1	SG
Over C12-C28	STL00035	11.3	U		10.0	50.0	11.3	mg/Kg	55628	01/25/2011 14:17	1	SG
Over C28-C35	STL00147	11.3	U		10.0	50.0	11.3	mg/Kg	55628	01/25/2011 14:17	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		303	284	107	70-130		SVGC#4	55606	01/25/2011 14:17	1	SG
o-Terphenyl	84-15-1		327	284	115	70-130		SVGC#4	55606	01/25/2011 14:17	1	SG

S. Charle
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-2.3

Lab Sample ID: 560-24119-6
Client Matrix: Solid

Date Sampled: 01/20/2011 13:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55863	01/31/2011 08:02		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.56			0.0499	0.250	0.0455	mg/Kg	55875	01/31/2011 20:27	1	EDR
Barium	7440-39-3	64.7			0.109	0.250	0.0994	mg/Kg	55875	01/31/2011 20:27	1	EDR
Cadmium	7440-43-9	0.165	J		0.0721	0.250	0.0657	mg/Kg	55875	01/31/2011 20:27	1	EDR
Chromium	7440-47-3	5.73			0.112	0.250	0.102	mg/Kg	55875	01/31/2011 20:27	1	EDR
Lead	7439-92-1	27.6			0.205	0.500	0.187	mg/Kg	55875	01/31/2011 20:27	1	EDR
Selenium	7782-49-2	0.391	J	b	0.0435	0.250	0.0397	mg/Kg	55875	01/31/2011 20:27	1	EDR
Silver	7440-22-4	0.278			0.0686	0.250	0.0625	mg/Kg	55875	01/31/2011 20:27	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0137	U		0.0180	0.200	0.0137	mg/Kg	55715	01/26/2011 12:41	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.706	U		0.700	5.00	0.706	ug/Kg	55851	01/31/2011 17:10	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.383	U		0.380	5.00	0.383	ug/Kg	55851	01/31/2011 17:10	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.676	U		0.670	5.00	0.676	ug/Kg	55851	01/31/2011 17:10	1	SG
1,1,2-Trichloroethane	79-00-5	0.504	U		0.500	5.00	0.504	ug/Kg	55851	01/31/2011 17:10	1	SG
1,1-Dichloroethane	75-34-3	0.595	U		0.590	5.00	0.595	ug/Kg	55851	01/31/2011 17:10	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-2.3

Lab Sample ID: 560-24119-6
Client Matrix: Solid

Date Sampled: 01/20/2011 13:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.202	U	UJ	0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
1,1-Dichloropropene	563-58-6	0.524	U		0.520	5.00	0.524	ug/Kg	55851	01/31/2011 17:10	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.444	U		0.440	5.00	0.444	ug/Kg	55851	01/31/2011 17:10	1	SG
1,2,3-Trichloropropane	96-18-4	0.767	U	UJ	0.760	5.00	0.767	ug/Kg	55851	01/31/2011 17:10	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.857	J		0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
1,2-Dichloroethane	107-06-2	0.524	U	UJ	0.520	5.00	0.524	ug/Kg	55851	01/31/2011 17:10	1	SG
1,2-Dichloropropane	78-87-5	0.202	U	UJ	0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.220	J		0.210	5.00	0.212	ug/Kg	55851	01/31/2011 17:10	1	SG
1,3-Dichloropropane	142-28-9	0.242	U	UJ	0.240	5.00	0.242	ug/Kg	55851	01/31/2011 17:10	1	SG
1,4-Dioxane	123-91-1	40.3	U	UJ	40.0	100	40.3	ug/Kg	55851	01/31/2011 17:10	1	SG
2,2-Dichloropropane	594-20-7	0.847	U	UJ	0.840	5.00	0.847	ug/Kg	55851	01/31/2011 17:10	1	SG
2-Butanone (MEK)	78-93-3	2.60	J		1.00	5.00	1.01	ug/Kg	55851	01/31/2011 17:10	1	SG
2-Hexanone	591-78-6	1.21	U	UJ	1.20	5.00	1.21	ug/Kg	55851	01/31/2011 17:10	1	SG
2-Nitropropane	79-46-9	0.524	U		0.520	5.00	0.524	ug/Kg	55851	01/31/2011 17:10	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.938	U		0.930	5.00	0.938	ug/Kg	55851	01/31/2011 17:10	1	SG
Acetone	67-64-1	7.26	U		7.20	25.0	7.26	ug/Kg	55851	01/31/2011 17:10	1	SG
Acetonitrile	75-05-8	37.3	U	UJ	37.0	50.0	37.3	ug/Kg	55851	01/31/2011 17:10	1	SG
Benzene	71-43-2	0.448	J		0.230	5.00	0.232	ug/Kg	55851	01/31/2011 17:10	1	SG
Bromoform	75-25-2	0.514	U	UJ	0.510	5.00	0.514	ug/Kg	55851	01/31/2011 17:10	1	SG
Bromomethane	74-83-9	1.11	U		1.10	5.00	1.11	ug/Kg	55851	01/31/2011 17:10	1	SG
Carbon disulfide	75-15-0	0.736	U		0.730	5.00	0.736	ug/Kg	55851	01/31/2011 17:10	1	SG
Carbon tetrachloride	56-23-5	0.514	U		0.510	5.00	0.514	ug/Kg	55851	01/31/2011 17:10	1	SG
Chlorobenzene	108-90-7	0.232	U		0.230	5.00	0.232	ug/Kg	55851	01/31/2011 17:10	1	SG
Chlorodibromomethane	124-48-1	0.645	U		0.640	5.00	0.645	ug/Kg	55851	01/31/2011 17:10	1	SG
Chloroethane	75-00-3	0.262	U		0.260	5.00	0.262	ug/Kg	55851	01/31/2011 17:10	1	SG
Chloroform	67-66-3	0.877	U		0.870	5.00	0.877	ug/Kg	55851	01/31/2011 17:10	1	SG
Chloromethane	74-87-3	1.21	U		1.20	5.00	1.21	ug/Kg	55851	01/31/2011 17:10	1	SG
cis-1,2-Dichloroethene	156-59-2	0.575	U		0.570	5.00	0.575	ug/Kg	55851	01/31/2011 17:10	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.202	U		0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
Dibromomethane	74-95-3	0.716	U		0.710	5.00	0.716	ug/Kg	55851	01/31/2011 17:10	1	SG
Dichlorobromomethane	75-27-4	0.202	U		0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
Dichlorodifluoromethane	75-71-8	0.736	U		0.730	5.00	0.736	ug/Kg	55851	01/31/2011 17:10	1	SG
Ethyl acetate	141-78-6	1.21	U		1.20	5.00	1.21	ug/Kg	55851	01/31/2011 17:10	1	SG
Ethyl ether	60-29-7	0.202	U		0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
Ethyl methacrylate	97-63-2	0.514	U	UJ	0.510	5.00	0.514	ug/Kg	55851	01/31/2011 17:10	1	SG

Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-2.3

Lab Sample ID: 560-24119-6
Client Matrix: Solid

Date Sampled: 01/20/2011 13:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.227	J		0.220	5.00	0.222	ug/Kg	55851	01/31/2011 17:10	1	SG
Ethylene Dibromide	106-93-4	0.202	U	UJ	0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
Iodomethane	74-88-4	0.807	U		0.800	5.00	0.807	ug/Kg	55851	01/31/2011 17:10	1	SG
Methyl methacrylate	80-62-6	1.11	U		1.10	5.00	1.11	ug/Kg	55851	01/31/2011 17:10	1	SG
Methyl tert-butyl ether	1634-04-4	0.615	U		0.610	5.00	0.615	ug/Kg	55851	01/31/2011 17:10	1	SG
Methylene Chloride	75-09-2	5.04	U		5.00	25.0	5.04	ug/Kg	55851	01/31/2011 17:10	1	SG
Styrene	100-42-5	0.202	U		0.200	5.00	0.202	ug/Kg	55851	01/31/2011 17:10	1	SG
Tetrachloroethene	127-18-4	0.746	U	UJ	0.740	5.00	0.746	ug/Kg	55851	01/31/2011 17:10	1	SG
Toluene	108-88-3	1.06	J		0.560	5.00	0.565	ug/Kg	55851	01/31/2011 17:10	1	SG
trans-1,2-Dichloroethene	156-60-5	0.504	U	UJ	0.500	5.00	0.504	ug/Kg	55851	01/31/2011 17:10	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.524	U		0.520	5.00	0.524	ug/Kg	55851	01/31/2011 17:10	1	SG
Trichloroethene	79-01-6	0.282	U		0.280	5.00	0.282	ug/Kg	55851	01/31/2011 17:10	1	SG
Trichlorofluoromethane	75-69-4	0.504	U		0.500	5.00	0.504	ug/Kg	55851	01/31/2011 17:10	1	SG
Vinyl acetate	108-05-4	1.11	U		1.10	5.00	1.11	ug/Kg	55851	01/31/2011 17:10	1	SG
Vinyl chloride	75-01-4	0.605	U	UJ	0.600	5.00	0.605	ug/Kg	55851	01/31/2011 17:10	1	SG
Xylenes, Total	1330-20-7	0.950	J		0.360	15.0	0.363	ug/Kg	55851	01/31/2011 17:10	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		54.4	50.4	108	69-136		VGCMS#4	55863	01/31/2011 17:10	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		39.1	50.4	78	56-129		VGCMS#4	55863	01/31/2011 17:10	1	SG
Dibromofluoromethane (Surr)	1868-53-7		60.8	50.4	121	63-135		VGCMS#4	55863	01/31/2011 17:10	1	SG
Toluene-d8 (Surr)	2037-26-5		51.7	50.4	102	66-124		VGCMS#4	55863	01/31/2011 17:10	1	SG

S. Chaffe
FEB 23 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-2.3

Lab Sample ID: 560-24119-6
Client Matrix: Solid

Date Sampled: 01/20/2011 13:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.0	U		45.7	330	51.0	ug/Kg	55757	01/27/2011 20:20	1	GEF
1,2-Dichlorobenzene	95-50-1	58.2	U		52.1	330	58.2	ug/Kg	55757	01/27/2011 20:20	1	GEF
1,3-Dichlorobenzene	541-73-1	48.9	U		43.8	330	48.9	ug/Kg	55757	01/27/2011 20:20	1	GEF
1,4-Dichlorobenzene	106-46-7	51.1	U		45.8	330	51.1	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,4-Dichlorophenol	120-83-2	25.5	U		22.8	330	25.5	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,4-Dimethylphenol	105-67-9	22.8	U		20.4	330	22.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,4-Dinitrophenol	51-28-5	112	U		100	330	112	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,4-Dinitrotoluene	121-14-2	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
2,6-Dinitrotoluene	606-20-2	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
2-Chloronaphthalene	91-58-7	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
2-Chlorophenol	95-57-8	31.0	U		27.8	330	31.0	ug/Kg	55757	01/27/2011 20:20	1	GEF
2-Methylnaphthalene	91-57-6	34.7	U		31.1	330	34.7	ug/Kg	55757	01/27/2011 20:20	1	GEF
2-Methylphenol	95-48-7	36.8	U		33.0	330	36.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
2-Nitroaniline	88-74-4	24.8	U		22.2	330	24.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
2-Nitrophenol	88-75-5	19.0	U		17.0	330	19.0	ug/Kg	55757	01/27/2011 20:20	1	GEF
3 & 4 Methylphenol	15831-10-4	55.8	U		50.0	670	55.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
3,3'-Dichlorobenzidine	91-94-1	186	U		167	330	186	ug/Kg	55757	01/27/2011 20:20	1	GEF
3-Nitroaniline	99-09-2	112	U		100	330	112	ug/Kg	55757	01/27/2011 20:20	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
4-Chloroaniline	106-47-8	112	U		100	330	112	ug/Kg	55757	01/27/2011 20:20	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
4-Nitroaniline	100-01-6	112	U		100	330	112	ug/Kg	55757	01/27/2011 20:20	1	GEF
4-Nitrophenol	100-02-7	112	U		100	330	112	ug/Kg	55757	01/27/2011 20:20	1	GEF
Acenaphthene	83-32-9	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Acenaphthylene	208-96-8	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Anthracene	120-12-7	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Benzo[a]anthracene	56-55-3	25.1	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Benzo[a]pyrene	50-32-8	42.2	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Benzo[b]fluoranthene	205-99-2	73.1	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF

Fig 5 11 60-Qualfe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-2.3

Lab Sample ID: 560-24119-6
Client Matrix: Solid

Date Sampled: 01/20/2011 13:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	44.9	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Benzo[k]fluoranthene	207-08-9	25.8	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Benzyl alcohol	100-51-6	27.4	U		24.5	330	27.4	ug/Kg	55757	01/27/2011 20:20	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.8	U		37.4	330	41.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	69.8	U	b	16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Butyl benzyl phthalate	85-68-7	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Chrysene	218-01-9	44.0	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Di-n-butyl phthalate	84-74-2	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Di-n-octyl phthalate	117-84-0	20.9	U		18.7	330	20.9	ug/Kg	55757	01/27/2011 20:20	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Dibenzofuran	132-64-9	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Diethyl phthalate	84-66-2	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Dimethyl phthalate	131-11-3	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Fluoranthene	206-44-0	51.8	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Fluorene	86-73-7	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Hexachlorobenzene	118-74-1	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Hexachlorobutadiene	87-68-3	49.9	U		44.7	330	49.9	ug/Kg	55757	01/27/2011 20:20	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 20:20	1	GEF
Hexachloroethane	67-72-1	55.9	U		50.1	330	55.9	ug/Kg	55757	01/27/2011 20:20	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	35.1	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Isophorone	78-59-1	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Naphthalene	91-20-3	46.6	U		41.7	330	46.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Nitrobenzene	98-95-3	40.6	U		36.4	330	40.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Pentachlorophenol	87-86-5	112	U		100	330	112	ug/Kg	55757	01/27/2011 20:20	1	GEF
Phenanthrene	85-01-8	32.5	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Phenol	108-95-2	18.6	U		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF
Pyrene	129-00-0	48.2	J		16.7	330	18.6	ug/Kg	55757	01/27/2011 20:20	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 25 11
S. Charle

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5330	5580	95	65-120		SVGCMS#3	55726	01/27/2011 20:20	1	GEF
2-Fluorobiphenyl	321-60-8		3140	3720	84	64-120		SVGCMS#3	55726	01/27/2011 20:20	1	GEF
2-Fluorophenol	367-12-4		4000	5580	72	53-120		SVGCMS#3	55726	01/27/2011 20:20	1	GEF
Nitrobenzene-d5	4165-60-0		2850	3720	77	55-120		SVGCMS#3	55726	01/27/2011 20:20	1	GEF
Phenol-d5	4165-62-2		4410	5580	79	59-120		SVGCMS#3	55726	01/27/2011 20:20	1	GEF
Terphenyl-d14	1718-51-0		3130	3720	84	67-120		SVGCMS#3	55726	01/27/2011 20:20	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB12-2.3

Lab Sample ID: 560-24119-6
Client Matrix: Solid

Date Sampled: 01/20/2011 13:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.2	U		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 14:26	1	SG
C6-C35	STL00006	30.1	J		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 14:26	1	SG
Over C12-C28	STL00035	14.9	J		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 14:26	1	SG
Over C28-C35	STL00147	15.2	J		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 14:26	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		295	280	105	70-130		SVGC#4	55606	01/25/2011 14:26	1	SG
o-Terphenyl	84-15-1		315	280	112	70-130		SVGC#4	55606	01/25/2011 14:26	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: IDW-S

Lab Sample ID: 560-24119-7
Client Matrix: Solid

Date Sampled: 01/21/2011 11:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.88			0.0499	0.250	0.0472	mg/Kg	55875	01/31/2011 20:32	1	EDR
Barium	7440-39-3	69.8			0.109	0.250	0.103	mg/Kg	55875	01/31/2011 20:32	1	EDR
Cadmium	7440-43-9	0.115	J		0.0721	0.250	0.0683	mg/Kg	55875	01/31/2011 20:32	1	EDR
Chromium	7440-47-3	4.24			0.112	0.250	0.106	mg/Kg	55875	01/31/2011 20:32	1	EDR
Lead	7439-92-1	11.8			0.205	0.500	0.194	mg/Kg	55875	01/31/2011 20:32	1	EDR
Selenium	7782-49-2	0.384		b	0.0435	0.250	0.0412	mg/Kg	55875	01/31/2011 20:32	1	EDR
Silver	7440-22-4	0.0650	U		0.0686	0.250	0.0650	mg/Kg	55875	01/31/2011 20:32	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0151	J		0.0180	0.200	0.0151	mg/Kg	55715	01/26/2011 12:43	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.660	U		0.700	5.00	0.660	ug/Kg	55984	02/03/2011 17:01	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.358	U		0.380	5.00	0.358	ug/Kg	55984	02/03/2011 17:01	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.632	U		0.670	5.00	0.632	ug/Kg	55984	02/03/2011 17:01	1	SG
1,1,2-Trichloroethane	79-00-5	0.471	U		0.500	5.00	0.471	ug/Kg	55984	02/03/2011 17:01	1	SG
1,1-Dichloroethane	75-34-3	0.556	U		0.590	5.00	0.556	ug/Kg	55984	02/03/2011 17:01	1	SG

S. Charte
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: IDW-S

Lab Sample ID: 560-24119-7
Client Matrix: Solid

Date Sampled: 01/21/2011 11:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.53	J		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
1,1-Dichloropropene	563-58-6	0.490	U		0.520	5.00	0.490	ug/Kg	55984	02/03/2011 17:01	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.415	U		0.440	5.00	0.415	ug/Kg	55984	02/03/2011 17:01	1	SG
1,2,3-Trichloropropane	96-18-4	0.717	U		0.760	5.00	0.717	ug/Kg	55984	02/03/2011 17:01	1	SG
1,2,4-Trimethylbenzene	95-63-6	1.06	J		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
1,2-Dichloroethane	107-06-2	0.490	U		0.520	5.00	0.490	ug/Kg	55984	02/03/2011 17:01	1	SG
1,2-Dichloropropane	78-87-5	0.189	U		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.426	J		0.210	5.00	0.198	ug/Kg	55984	02/03/2011 17:01	1	SG
1,3-Dichloropropane	142-28-9	0.226	U		0.240	5.00	0.226	ug/Kg	55984	02/03/2011 17:01	1	SG
1,4-Dioxane	123-91-1	37.7	U		40.0	100	37.7	ug/Kg	55984	02/03/2011 17:01	1	SG
2,2-Dichloropropane	594-20-7	0.792	U		0.840	5.00	0.792	ug/Kg	55984	02/03/2011 17:01	1	SG
2-Butanone (MEK)	78-93-3	0.943	U		1.00	5.00	0.943	ug/Kg	55984	02/03/2011 17:01	1	SG
2-Hexanone	591-78-6	1.13	U	*	1.20	5.00	1.13	ug/Kg	55984	02/03/2011 17:01	1	SG
2-Nitropropane	79-46-9	0.490	U	*	0.520	5.00	0.490	ug/Kg	55984	02/03/2011 17:01	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.877	U	*	0.930	5.00	0.877	ug/Kg	55984	02/03/2011 17:01	1	SG
Acetone	67-64-1	12.7	J		7.20	25.0	6.79	ug/Kg	55984	02/03/2011 17:01	1	SG
Acetonitrile	75-05-8	34.9	U		37.0	50.0	34.9	ug/Kg	55984	02/03/2011 17:01	1	SG
Benzene	71-43-2	0.444	J		0.230	5.00	0.217	ug/Kg	55984	02/03/2011 17:01	1	SG
Bromoform	75-25-2	0.481	U		0.510	5.00	0.481	ug/Kg	55984	02/03/2011 17:01	1	SG
Bromomethane	74-83-9	1.04	U		1.10	5.00	1.04	ug/Kg	55984	02/03/2011 17:01	1	SG
Carbon disulfide	75-15-0	0.688	U		0.730	5.00	0.688	ug/Kg	55984	02/03/2011 17:01	1	SG
Carbon tetrachloride	56-23-5	0.481	U		0.510	5.00	0.481	ug/Kg	55984	02/03/2011 17:01	1	SG
Chlorobenzene	108-90-7	0.217	U		0.230	5.00	0.217	ug/Kg	55984	02/03/2011 17:01	1	SG
Chlorodibromomethane	124-48-1	0.603	U		0.640	5.00	0.603	ug/Kg	55984	02/03/2011 17:01	1	SG
Chloroethane	75-00-3	0.245	U		0.260	5.00	0.245	ug/Kg	55984	02/03/2011 17:01	1	SG
Chloroform	67-66-3	0.820	U		0.870	5.00	0.820	ug/Kg	55984	02/03/2011 17:01	1	SG
Chloromethane	74-87-3	1.13	U		1.20	5.00	1.13	ug/Kg	55984	02/03/2011 17:01	1	SG
cis-1,2-Dichloroethene	156-59-2	0.537	U		0.570	5.00	0.537	ug/Kg	55984	02/03/2011 17:01	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.189	U		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
Dibromomethane	74-95-3	0.670	U		0.710	5.00	0.670	ug/Kg	55984	02/03/2011 17:01	1	SG
Dichlorobromomethane	75-27-4	0.189	U		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
Dichlorodifluoromethane	75-71-8	0.688	U		0.730	5.00	0.688	ug/Kg	55984	02/03/2011 17:01	1	SG
Ethyl acetate	141-78-6	1.13	U		1.20	5.00	1.13	ug/Kg	55984	02/03/2011 17:01	1	SG
Ethyl ether	60-29-7	0.189	U		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
Ethyl methacrylate	97-63-2	0.481	U		0.510	5.00	0.481	ug/Kg	55984	02/03/2011 17:01	1	SG

Charlie
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: IDW-S

Lab Sample ID: 560-24119-7
Client Matrix: Solid

Date Sampled: 01/21/2011 11:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.207	U		0.220	5.00	0.207	ug/Kg	55984	02/03/2011 17:01	1	SG
Ethylene Dibromide	106-93-4	0.189	U		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
Iodomethane	74-88-4	0.754	U		0.800	5.00	0.754	ug/Kg	55984	02/03/2011 17:01	1	SG
Methyl methacrylate	80-62-6	1.04	U		1.10	5.00	1.04	ug/Kg	55984	02/03/2011 17:01	1	SG
Methyl tert-butyl ether	1634-04-4	0.575	U		0.610	5.00	0.575	ug/Kg	55984	02/03/2011 17:01	1	SG
Methylene Chloride	75-09-2	6.52	J		5.00	25.0	4.71	ug/Kg	55984	02/03/2011 17:01	1	SG
Styrene	100-42-5	0.189	U		0.200	5.00	0.189	ug/Kg	55984	02/03/2011 17:01	1	SG
Tetrachloroethene	127-18-4	0.698	U		0.740	5.00	0.698	ug/Kg	55984	02/03/2011 17:01	1	SG
Toluene	108-88-3	0.991	J		0.560	5.00	0.528	ug/Kg	55984	02/03/2011 17:01	1	SG
trans-1,2-Dichloroethene	156-60-5	0.471	U		0.500	5.00	0.471	ug/Kg	55984	02/03/2011 17:01	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.490	U		0.520	5.00	0.490	ug/Kg	55984	02/03/2011 17:01	1	SG
Trichloroethene	79-01-6	0.264	U		0.280	5.00	0.264	ug/Kg	55984	02/03/2011 17:01	1	SG
Trichlorofluoromethane	75-69-4	0.471	U		0.500	5.00	0.471	ug/Kg	55984	02/03/2011 17:01	1	SG
Vinyl acetate	108-05-4	1.04	U		1.10	5.00	1.04	ug/Kg	55984	02/03/2011 17:01	1	SG
Vinyl chloride	75-01-4	0.566	U		0.600	5.00	0.566	ug/Kg	55984	02/03/2011 17:01	1	SG
Xylenes, Total	1330-20-7	0.839	J		0.360	15.0	0.339	ug/Kg	55984	02/03/2011 17:01	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		59.2	47.1	126	69-136		VGCMS#3	55995	02/03/2011 17:01	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		37.2	47.1	79	56-129		VGCMS#3	55995	02/03/2011 17:01	1	SG
Dibromofluoromethane (Surr)	1868-53-7		54.6	47.1	116	63-135		VGCMS#3	55995	02/03/2011 17:01	1	SG
Toluene-d8 (Surr)	2037-26-5		45.7	47.1	97	66-124		VGCMS#3	55995	02/03/2011 17:01	1	SG

S. Chafe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: IDW-S

Lab Sample ID: 560-24119-7
Client Matrix: Solid

Date Sampled: 01/21/2011 11:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	52.5	U		45.7	330	52.5	ug/Kg	55757	01/27/2011 20:45	1	GEF
1,2-Dichlorobenzene	95-50-1	59.8	U		52.1	330	59.8	ug/Kg	55757	01/27/2011 20:45	1	GEF
1,3-Dichlorobenzene	541-73-1	50.3	U		43.8	330	50.3	ug/Kg	55757	01/27/2011 20:45	1	GEF
1,4-Dichlorobenzene	106-46-7	52.6	U		45.8	330	52.6	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,4-Dichlorophenol	120-83-2	26.2	U		22.8	330	26.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,4-Dimethylphenol	105-67-9	23.4	U		20.4	330	23.4	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,4-Dinitrophenol	51-28-5	115	U		100	330	115	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,4-Dinitrotoluene	121-14-2	57.4	U		50.0	330	57.4	ug/Kg	55757	01/27/2011 20:45	1	GEF
2,6-Dinitrotoluene	606-20-2	57.4	U		50.0	330	57.4	ug/Kg	55757	01/27/2011 20:45	1	GEF
2-Chloronaphthalene	91-58-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
2-Chlorophenol	95-57-8	31.9	U		27.8	330	31.9	ug/Kg	55757	01/27/2011 20:45	1	GEF
2-Methylnaphthalene	91-57-6	35.7	U		31.1	330	35.7	ug/Kg	55757	01/27/2011 20:45	1	GEF
2-Methylphenol	95-48-7	37.9	U		33.0	330	37.9	ug/Kg	55757	01/27/2011 20:45	1	GEF
2-Nitroaniline	88-74-4	25.5	U		22.2	330	25.5	ug/Kg	55757	01/27/2011 20:45	1	GEF
2-Nitrophenol	88-75-5	19.5	U		17.0	330	19.5	ug/Kg	55757	01/27/2011 20:45	1	GEF
3 & 4 Methylphenol	15831-10-4	57.4	U		50.0	670	57.4	ug/Kg	55757	01/27/2011 20:45	1	GEF
3,3'-Dichlorobenzidine	91-94-1	192	U		167	330	192	ug/Kg	55757	01/27/2011 20:45	1	GEF
3-Nitroaniline	99-09-2	115	U		100	330	115	ug/Kg	55757	01/27/2011 20:45	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	57.4	U		50.0	330	57.4	ug/Kg	55757	01/27/2011 20:45	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
4-Chloroaniline	106-47-8	115	U		100	330	115	ug/Kg	55757	01/27/2011 20:45	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
4-Nitroaniline	100-01-6	115	U		100	330	115	ug/Kg	55757	01/27/2011 20:45	1	GEF
4-Nitrophenol	100-02-7	115	U		100	330	115	ug/Kg	55757	01/27/2011 20:45	1	GEF
Acenaphthene	83-32-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Acenaphthylene	208-96-8	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Anthracene	120-12-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Benzo[a]anthracene	56-55-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Benzo[a]pyrene	50-32-8	19.4	J		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Benzo[b]fluoranthene	205-99-2	27.6	J		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF

Shaffer
Feb 15 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: IDW-S

Lab Sample ID: 560-24119-7
Client Matrix: Solid

Date Sampled: 01/21/2011 11:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Benzo[k]fluoranthene	207-08-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Benzyl alcohol	100-51-6	28.1	U		24.5	330	28.1	ug/Kg	55757	01/27/2011 20:45	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Bis(2-chloroethyl)ether	111-44-4	43.0	U		37.4	330	43.0	ug/Kg	55757	01/27/2011 20:45	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	69.7	J	b	16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Butyl benzyl phthalate	85-68-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Chrysene	218-01-9	24.7	J		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Di-n-butyl phthalate	84-74-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Di-n-octyl phthalate	117-84-0	21.5	U		18.7	330	21.5	ug/Kg	55757	01/27/2011 20:45	1	GEF
Dibenz(a,h)anthracene	53-70-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Dibenzofuran	132-64-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Diethyl phthalate	84-66-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Dimethyl phthalate	131-11-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Fluoranthene	206-44-0	29.0	J		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Fluorene	86-73-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Hexachlorobenzene	118-74-1	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Hexachlorobutadiene	87-68-3	51.3	U		44.7	330	51.3	ug/Kg	55757	01/27/2011 20:45	1	GEF
Hexachlorocyclopentadiene	77-47-4	57.4	U		50.0	330	57.4	ug/Kg	55757	01/27/2011 20:45	1	GEF
Hexachloroethane	67-72-1	57.5	U		50.1	330	57.5	ug/Kg	55757	01/27/2011 20:45	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Isophorone	78-59-1	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Naphthalene	91-20-3	47.9	U		41.7	330	47.9	ug/Kg	55757	01/27/2011 20:45	1	GEF
Nitrobenzene	98-95-3	41.8	U		36.4	330	41.8	ug/Kg	55757	01/27/2011 20:45	1	GEF
Pentachlorophenol	87-86-5	115	U		100	330	115	ug/Kg	55757	01/27/2011 20:45	1	GEF
Phenanthrene	85-01-8	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Phenol	108-95-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF
Pyrene	129-00-0	24.5	J		16.7	330	19.2	ug/Kg	55757	01/27/2011 20:45	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 25 11 S. Chaffe

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5730	5740	100	65-120		SVGCMS#3	55726	01/27/2011 20:45	1	GEF
2-Fluorobiphenyl	321-60-8		3190	3830	83	64-120		SVGCMS#3	55726	01/27/2011 20:45	1	GEF
2-Fluorophenol	367-12-4		4160	5740	72	53-120		SVGCMS#3	55726	01/27/2011 20:45	1	GEF
Nitrobenzene-d5	4165-60-0		2940	3830	77	55-120		SVGCMS#3	55726	01/27/2011 20:45	1	GEF
Phenol-d5	4165-62-2		4550	5740	79	59-120		SVGCMS#3	55726	01/27/2011 20:45	1	GEF
Terphenyl-d14	1718-51-0		3320	3830	87	67-120		SVGCMS#3	55726	01/27/2011 20:45	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: IDW-S

Lab Sample ID: 560-24119-7
Client Matrix: Solid

Date Sampled: 01/21/2011 11:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.5	U		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 14:36	1	SG
C6-C35	STL00006	11.5	U		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 14:36	1	SG
Over C12-C28	STL00035	11.5	U		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 14:36	1	SG
Over C28-C35	STL00147	11.5	U		10.0	50.0	11.5	mg/Kg	55628	01/25/2011 14:36	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		302	287	105	70-130		SVGC#4	55606	01/25/2011 14:36	1	SG
o-Terphenyl	84-15-1		326	287	114	70-130		SVGC#4	55606	01/25/2011 14:36	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-A

Lab Sample ID: 560-24119-8 TB
Client Matrix: Water

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 5030B,Water												
Purge and Trap		Complete								01/25/2011 19:15		
Method: SW846 8260B,Water												
1,1,1-Trichloroethane	71-55-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.278	U		0.278	1.00	0.278	ug/L	55630	01/25/2011 19:15	1	SG
1,1,2-Trichloroethane	79-00-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,1-Dichloroethane	75-34-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,1-Dichloroethene	75-35-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,1-Dichloropropene	563-58-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.217	U		0.217	5.00	0.217	ug/L	55630	01/25/2011 19:15	1	SG
1,2,3-Trichloropropane	96-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,2-Dichloroethane	107-06-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,2-Dichloropropane	78-87-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,3-Dichloropropane	142-28-9	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
1,4-Dioxane	123-91-1	7.46	U		7.46	100	7.46	ug/L	55630	01/25/2011 19:15	1	SG
2,2-Dichloropropane	594-20-7	0.335	U		0.335	1.00	0.335	ug/L	55630	01/25/2011 19:15	1	SG
2-Butanone (MEK)	78-93-3	0.474	U		0.474	5.00	0.474	ug/L	55630	01/25/2011 19:15	1	SG
2-Hexanone	591-78-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
2-Nitropropane	79-46-9	0.225	U		0.225	5.00	0.225	ug/L	55630	01/25/2011 19:15	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Acetone	67-64-1	5.00	U		5.00	10.0	5.00	ug/L	55630	01/25/2011 19:15	1	SG
Acetonitrile	75-05-8	2.16	U		2.16	50.0	2.16	ug/L	55630	01/25/2011 19:15	1	SG
Benzene	71-43-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Bromoform	75-25-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Bromomethane	74-83-9	0.392	U		0.392	5.00	0.392	ug/L	55630	01/25/2011 19:15	1	SG
Carbon disulfide	75-15-0	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Carbon tetrachloride	56-23-5	0.251	U		0.251	1.00	0.251	ug/L	55630	01/25/2011 19:15	1	SG
Chlorobenzene	108-90-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Chlorodibromomethane	124-48-1	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 19:15	1	SG
Chloroethane	75-00-3	0.400	U		0.400	5.00	0.400	ug/L	55630	01/25/2011 19:15	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-A

Lab Sample ID: 560-24119-8 TB
Client Matrix: Water

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Chloroform	67-66-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Chloromethane	74-87-3	0.390	U		0.390	5.00	0.390	ug/L	55630	01/25/2011 19:15	1	SG
cis-1,2-Dichloroethene	156-59-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Dibromomethane	74-95-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Dichlorobromomethane	75-27-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Dichlorodifluoromethane	75-71-8	0.429	U		0.429	5.00	0.429	ug/L	55630	01/25/2011 19:15	1	SG
Ethyl acetate	141-78-6	0.300	U		0.300	5.00	0.300	ug/L	55630	01/25/2011 19:15	1	SG
Ethyl ether	60-29-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Ethyl methacrylate	97-63-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Ethylbenzene	100-41-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Ethylene Dibromide	106-93-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Iodomethane	74-88-4	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 19:15	1	SG
Methyl methacrylate	80-62-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Methyl tert-butyl ether	1634-04-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Methylene Chloride	75-09-2	1.20	U		1.20	5.00	1.20	ug/L	55630	01/25/2011 19:15	1	SG
Styrene	100-42-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Tetrachloroethene	127-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Toluene	108-88-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
trans-1,2-Dichloroethene	156-60-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Trichloroethene	79-01-6	0.317	U		0.317	1.00	0.317	ug/L	55630	01/25/2011 19:15	1	SG
Trichlorofluoromethane	75-69-4	0.244	U		0.244	1.00	0.244	ug/L	55630	01/25/2011 19:15	1	SG
Vinyl acetate	108-05-4	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Vinyl chloride	75-01-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:15	1	SG
Xylenes, Total	1330-20-7	0.226	U		0.226	3.00	0.226	ug/L	55630	01/25/2011 19:15	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	TB	50.7	50.0	101	75-123		VGCMS#1		01/25/2011 19:15	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	TB	51.2	50.0	102	80-120		VGCMS#1		01/25/2011 19:15	1	SG
Dibromofluoromethane (Surr)	1868-53-7	TB	52.0	50.0	104	75-126		VGCMS#1		01/25/2011 19:15	1	SG
Toluene-d8 (Surr)	2037-26-5	TB	48.1	50.0	96	80-120		VGCMS#1		01/25/2011 19:15	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55739	01/26/2011 08:14		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX 1006 Frac,Solid										Dry Weight Corrected?:		Y
Texas - Fractionation		Complete							55606	02/01/2011 10:00		MD
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	7.6			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.94			0.0499	0.250	0.0420	mg/Kg	55875	01/31/2011 20:38	1	EDR
Barium	7440-39-3	84.3			0.109	0.250	0.0918	mg/Kg	55875	01/31/2011 20:38	1	EDR
Cadmium	7440-43-9	0.301			0.0721	0.250	0.0607	mg/Kg	55875	01/31/2011 20:38	1	EDR
Chromium	7440-47-3	5.13			0.112	0.250	0.0944	mg/Kg	55875	01/31/2011 20:38	1	EDR
Lead	7439-92-1	61.7	J		0.205	0.500	0.173	mg/Kg	55875	01/31/2011 20:38	1	EDR
Selenium	7782-49-2	0.637		b	0.0435	0.250	0.0366	mg/Kg	55875	01/31/2011 20:38	1	EDR
Silver	7440-22-4	0.0578	U		0.0686	0.250	0.0578	mg/Kg	55875	01/31/2011 20:38	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.00991	U		0.0180	0.200	0.00991	mg/Kg	55715	01/26/2011 12:47	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.671	U	UJ	0.700	5.00	0.671	ug/Kg	55687	01/26/2011 19:56	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.364	U	UJ	0.380	5.00	0.364	ug/Kg	55687	01/26/2011 19:56	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.642	U	UJ	0.670	5.00	0.642	ug/Kg	55687	01/26/2011 19:56	1	SG
1,1,2-Trichloroethane	79-00-5	0.479	U	UJ	0.500	5.00	0.479	ug/Kg	55687	01/26/2011 19:56	1	SG
1,1-Dichloroethane	75-34-3	0.565	U	UJ	0.590	5.00	0.565	ug/Kg	55687	01/26/2011 19:56	1	SG
1,1-Dichloroethene	75-35-4	0.428	J		0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
1,1-Dichloropropene	563-58-6	0.498	U	UJ	0.520	5.00	0.498	ug/Kg	55687	01/26/2011 19:56	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.422	U		0.440	5.00	0.422	ug/Kg	55687	01/26/2011 19:56	1	SG
1,2,3-Trichloropropane	96-18-4	0.728	U		0.760	5.00	0.728	ug/Kg	55687	01/26/2011 19:56	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.192	U		0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
1,2-Dichloroethane	107-06-2	0.498	U		0.520	5.00	0.498	ug/Kg	55687	01/26/2011 19:56	1	SG
1,2-Dichloropropane	78-87-5	0.192	U		0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.201	U		0.210	5.00	0.201	ug/Kg	55687	01/26/2011 19:56	1	SG
1,3-Dichloropropane	142-28-9	0.230	U		0.240	5.00	0.230	ug/Kg	55687	01/26/2011 19:56	1	SG
1,4-Dioxane	123-91-1	38.3	U		40.0	100	38.3	ug/Kg	55687	01/26/2011 19:56	1	SG
2,2-Dichloropropane	594-20-7	0.805	U		0.840	5.00	0.805	ug/Kg	55687	01/26/2011 19:56	1	SG
2-Butanone (MEK)	78-93-3	0.958	U		1.00	5.00	0.958	ug/Kg	55687	01/26/2011 19:56	1	SG
2-Hexanone	591-78-6	1.15	U		1.20	5.00	1.15	ug/Kg	55687	01/26/2011 19:56	1	SG
2-Nitropropane	79-46-9	0.498	U		0.520	5.00	0.498	ug/Kg	55687	01/26/2011 19:56	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.891	U		0.930	5.00	0.891	ug/Kg	55687	01/26/2011 19:56	1	SG
Acetone	67-64-1	6.90	U		7.20	25.0	6.90	ug/Kg	55687	01/26/2011 19:56	1	SG
Acetonitrile	75-05-8	35.4	U		37.0	50.0	35.4	ug/Kg	55687	01/26/2011 19:56	1	SG
Benzene	71-43-2	0.220	U		0.230	5.00	0.220	ug/Kg	55687	01/26/2011 19:56	1	SG
Bromoform	75-25-2	0.489	U		0.510	5.00	0.489	ug/Kg	55687	01/26/2011 19:56	1	SG
Bromomethane	74-83-9	1.05	U		1.10	5.00	1.05	ug/Kg	55687	01/26/2011 19:56	1	SG
Carbon disulfide	75-15-0	0.699	U		0.730	5.00	0.699	ug/Kg	55687	01/26/2011 19:56	1	SG
Carbon tetrachloride	56-23-5	0.489	U		0.510	5.00	0.489	ug/Kg	55687	01/26/2011 19:56	1	SG
Chlorobenzene	108-90-7	0.220	U		0.230	5.00	0.220	ug/Kg	55687	01/26/2011 19:56	1	SG
Chlorodibromomethane	124-48-1	0.613	U		0.640	5.00	0.613	ug/Kg	55687	01/26/2011 19:56	1	SG
Chloroethane	75-00-3	0.249	U		0.260	5.00	0.249	ug/Kg	55687	01/26/2011 19:56	1	SG
Chloroform	67-66-3	0.833	U		0.870	5.00	0.833	ug/Kg	55687	01/26/2011 19:56	1	SG
Chloromethane	74-87-3	1.15	U		1.20	5.00	1.15	ug/Kg	55687	01/26/2011 19:56	1	SG
cis-1,2-Dichloroethene	156-59-2	0.546	U		0.570	5.00	0.546	ug/Kg	55687	01/26/2011 19:56	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.192	U		0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
Dibromomethane	74-95-3	0.680	U		0.710	5.00	0.680	ug/Kg	55687	01/26/2011 19:56	1	SG
Dichlorobromomethane	75-27-4	0.192	U	UJ	0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Dichlorodifluoromethane	75-71-8	0.699	U	UJ	0.730	5.00	0.699	ug/Kg	55687	01/26/2011 19:56	1	SG
Ethyl acetate	141-78-6	1.15	U		1.20	5.00	1.15	ug/Kg	55687	01/26/2011 19:56	1	SG
Ethyl ether	60-29-7	0.192	U		0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
Ethyl methacrylate	97-63-2	0.489	U		0.510	5.00	0.489	ug/Kg	55687	01/26/2011 19:56	1	SG
Ethylbenzene	100-41-4	0.211	U		0.220	5.00	0.211	ug/Kg	55687	01/26/2011 19:56	1	SG
Ethylene Dibromide	106-93-4	0.192	U		0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
Iodomethane	74-88-4	0.766	U		0.800	5.00	0.766	ug/Kg	55687	01/26/2011 19:56	1	SG
Methyl methacrylate	80-62-6	1.05	U		1.10	5.00	1.05	ug/Kg	55687	01/26/2011 19:56	1	SG
Methyl tert-butyl ether	1634-04-4	0.584	U		0.610	5.00	0.584	ug/Kg	55687	01/26/2011 19:56	1	SG
Methylene Chloride	75-09-2	4.79	U		5.00	25.0	4.79	ug/Kg	55687	01/26/2011 19:56	1	SG
Styrene	100-42-5	0.192	U	UJ	0.200	5.00	0.192	ug/Kg	55687	01/26/2011 19:56	1	SG
Tetrachloroethene	127-18-4	1.09	J		0.740	5.00	0.709	ug/Kg	55687	01/26/2011 19:56	1	SG
Toluene	108-88-3	0.536	U	UJ	0.560	5.00	0.536	ug/Kg	55687	01/26/2011 19:56	1	SG
trans-1,2-Dichloroethene	156-60-5	0.479	U		0.500	5.00	0.479	ug/Kg	55687	01/26/2011 19:56	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.498	U		0.520	5.00	0.498	ug/Kg	55687	01/26/2011 19:56	1	SG
Trichloroethene	79-01-6	0.268	U		0.280	5.00	0.268	ug/Kg	55687	01/26/2011 19:56	1	SG
Trichlorofluoromethane	75-69-4	0.479	U		0.500	5.00	0.479	ug/Kg	55687	01/26/2011 19:56	1	SG
Vinyl acetate	108-05-4	1.05	U		1.10	5.00	1.05	ug/Kg	55687	01/26/2011 19:56	1	SG
Vinyl chloride	75-01-4	0.575	U		0.600	5.00	0.575	ug/Kg	55687	01/26/2011 19:56	1	SG
Xylenes, Total	1330-20-7	0.345	U	UJ	0.360	15.0	0.345	ug/Kg	55687	01/26/2011 19:56	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		62.7	47.9	131	69-136		VGCMS#3	55739	01/26/2011 19:56	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		41.6	47.9	87	56-129		VGCMS#3	55739	01/26/2011 19:56	1	SG
Dibromofluoromethane (Surr)	1868-53-7		48.6	47.9	102	63-135		VGCMS#3	55739	01/26/2011 19:56	1	SG
Toluene-d8 (Surr)	2037-26-5		48.2	47.9	101	66-124		VGCMS#3	55739	01/26/2011 19:56	1	SG

S. Chan
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	49.5	U		45.7	330	49.5	ug/Kg	55757	01/27/2011 21:10	1	GEF
1,2-Dichlorobenzene	95-50-1	56.4	U		52.1	330	56.4	ug/Kg	55757	01/27/2011 21:10	1	GEF
1,3-Dichlorobenzene	541-73-1	47.4	U		43.8	330	47.4	ug/Kg	55757	01/27/2011 21:10	1	GEF
1,4-Dichlorobenzene	106-46-7	49.6	U		45.8	330	49.6	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,4-Dichlorophenol	120-83-2	24.7	U		22.8	330	24.7	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,4-Dimethylphenol	105-67-9	22.1	U		20.4	330	22.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,4-Dinitrophenol	51-28-5	108	U		100	330	108	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,4-Dinitrotoluene	121-14-2	54.1	U		50.0	330	54.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2,6-Dinitrotoluene	606-20-2	54.1	U		50.0	330	54.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2-Chloronaphthalene	91-58-7	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2-Chlorophenol	95-57-8	30.1	U		27.8	330	30.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
2-Methylnaphthalene	91-57-6	33.7	U		31.1	330	33.7	ug/Kg	55757	01/27/2011 21:10	1	GEF
2-Methylphenol	95-48-7	35.7	U		33.0	330	35.7	ug/Kg	55757	01/27/2011 21:10	1	GEF
2-Nitroaniline	88-74-4	24.0	U		22.2	330	24.0	ug/Kg	55757	01/27/2011 21:10	1	GEF
2-Nitrophenol	88-75-5	18.4	U		17.0	330	18.4	ug/Kg	55757	01/27/2011 21:10	1	GEF
3 & 4 Methylphenol	15831-10-4	54.1	U		50.0	670	54.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
3,3'-Dichlorobenzidine	91-94-1	181	U		167	330	181	ug/Kg	55757	01/27/2011 21:10	1	GEF
3-Nitroaniline	99-09-2	108	U		100	330	108	ug/Kg	55757	01/27/2011 21:10	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	54.1	U		50.0	330	54.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
4-Chloroaniline	106-47-8	108	U		100	330	108	ug/Kg	55757	01/27/2011 21:10	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
4-Nitroaniline	100-01-6	108	U		100	330	108	ug/Kg	55757	01/27/2011 21:10	1	GEF
4-Nitrophenol	100-02-7	108	U		100	330	108	ug/Kg	55757	01/27/2011 21:10	1	GEF
Acenaphthene	83-32-9	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Acenaphthylene	208-96-8	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Anthracene	120-12-7	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Benzo[a]anthracene	56-55-3	20.1	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Benzo[a]pyrene	50-32-8	32.4	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Benzo[b]fluoranthene	205-99-2	54.3	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF

Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	32.4	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Benzo[k]fluoranthene	207-08-9	21.2	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Benzyl alcohol	100-51-6	26.5	U		24.5	330	26.5	ug/Kg	55757	01/27/2011 21:10	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Bis(2-chloroethyl)ether	111-44-4	40.5	U		37.4	330	40.5	ug/Kg	55757	01/27/2011 21:10	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	105	J U	b	16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Butyl benzyl phthalate	85-68-7	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Chrysene	218-01-9	31.5	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Di-n-butyl phthalate	84-74-2	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Di-n-octyl phthalate	117-84-0	20.2	U		18.7	330	20.2	ug/Kg	55757	01/27/2011 21:10	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Dibenzofuran	132-64-9	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Diethyl phthalate	84-66-2	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Dimethyl phthalate	131-11-3	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Fluoranthene	206-44-0	47.3	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Fluorene	86-73-7	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Hexachlorobenzene	118-74-1	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Hexachlorobutadiene	87-68-3	48.4	U		44.7	330	48.4	ug/Kg	55757	01/27/2011 21:10	1	GEF
Hexachlorocyclopentadiene	77-47-4	54.1	U		50.0	330	54.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Hexachloroethane	67-72-1	54.2	U		50.1	330	54.2	ug/Kg	55757	01/27/2011 21:10	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	24.2	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Isophorone	78-59-1	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Naphthalene	91-20-3	45.1	U		41.7	330	45.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Nitrobenzene	98-95-3	39.4	U		36.4	330	39.4	ug/Kg	55757	01/27/2011 21:10	1	GEF
Pentachlorophenol	87-86-5	108	U		100	330	108	ug/Kg	55757	01/27/2011 21:10	1	GEF
Phenanthrene	85-01-8	32.5	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Phenol	108-95-2	18.1	U		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF
Pyrene	129-00-0	45.2	J		16.7	330	18.1	ug/Kg	55757	01/27/2011 21:10	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5380	5410	99	65-120		SVGCMS#3	55726	01/27/2011 21:10	1	GEF
2-Fluorobiphenyl	321-60-8		2940	3610	82	64-120		SVGCMS#3	55726	01/27/2011 21:10	1	GEF
2-Fluorophenol	367-12-4		3630	5410	67	53-120		SVGCMS#3	55726	01/27/2011 21:10	1	GEF
Nitrobenzene-d5	4165-60-0		2590	3610	72	55-120		SVGCMS#3	55726	01/27/2011 21:10	1	GEF
Phenol-d5	4165-62-2		3990	5410	74	59-120		SVGCMS#3	55726	01/27/2011 21:10	1	GEF
Terphenyl-d14	1718-51-0		3000	3610	83	67-120		SVGCMS#3	55726	01/27/2011 21:10	1	GEF

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.8	U		10.0	50.0	10.8	mg/Kg	55628	01/25/2011 14:45	1	SG
C6-C35	STL00006	142			10.0	50.0	10.8	mg/Kg	55628	01/25/2011 14:45	1	SG
Over C12-C28	STL00035	92.6			10.0	50.0	10.8	mg/Kg	55628	01/25/2011 14:45	1	SG
Over C28-C35	STL00147	49.4	J		10.0	50.0	10.8	mg/Kg	55628	01/25/2011 14:45	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		286	271	106	70-130		SVGC#4	55606	01/25/2011 14:45	1	SG
o-Terphenyl	84-15-1		306	271	113	70-130		SVGC#4	55606	01/25/2011 14:45	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-0-0.5

Lab Sample ID: 560-24119-9
Client Matrix: Solid

Date Sampled: 01/21/2011 10:15
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1006,Solid										Dry Weight Corrected?:		Y
nC6 Aliphatics	110-54-3	19.5	J U	b	10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C10-C12 aliphatics	STL00116	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C10-C12 aromatics	STL00023	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG
Over C12-C16 aliphatics	STL00139	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C12-C16 aromatics	STL00308	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG
Over C16-C21 aliphatics	STL00235	25.6	J		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C16-C21 aromatics	STL00145	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG
Over C21-C35 aliphatics	STL00312	140			10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C21-C35 aromatics	STL00032	58.9			10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG
Over C6-C35	STL00423	288			10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C6-C35 aliphatics	STL00424	207	J	b	10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C6-C35 aromatics	STL00425	58.9			10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG
Over C6-C8 aliphatics	STL00005	21.9	J		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C7-C8 aromatics	STL00305	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG
Over C8-C10 aliphatics	STL00135	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 04:11	1	SG
Over C8-C10 aromatics	STL00107	10.8	U		10.0	50.0	10.8	mg/Kg	56010	02/04/2011 05:37	1	SG

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Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-2-3

Lab Sample ID: 560-24119-10
Client Matrix: Solid

Date Sampled: 01/21/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55919	02/01/2011 08:47		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.94			0.0499	0.250	0.0512	mg/Kg	55875	01/31/2011 20:43	1	EDR
Barium	7440-39-3	36.8			0.109	0.250	0.112	mg/Kg	55875	01/31/2011 20:43	1	EDR
Cadmium	7440-43-9	0.0740	U		0.0721	0.250	0.0740	mg/Kg	55875	01/31/2011 20:43	1	EDR
Chromium	7440-47-3	3.80			0.112	0.250	0.115	mg/Kg	55875	01/31/2011 20:43	1	EDR
Lead	7439-92-1	4.17			0.205	0.500	0.211	mg/Kg	55875	01/31/2011 20:43	1	EDR
Selenium	7782-49-2	0.276	J	b	0.0435	0.250	0.0447	mg/Kg	55875	01/31/2011 20:43	1	EDR
Silver	7440-22-4	0.0705	U		0.0686	0.250	0.0705	mg/Kg	55875	01/31/2011 20:43	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0141	U		0.0180	0.200	0.0141	mg/Kg	55715	01/26/2011 12:50	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.727	U		0.700	5.00	0.727	ug/Kg	55888	02/01/2011 14:47	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.395	U		0.380	5.00	0.395	ug/Kg	55888	02/01/2011 14:47	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.696	U		0.670	5.00	0.696	ug/Kg	55888	02/01/2011 14:47	1	SG
1,1,2-Trichloroethane	79-00-5	0.520	U		0.500	5.00	0.520	ug/Kg	55888	02/01/2011 14:47	1	SG
1,1-Dichloroethane	75-34-3	0.613	U		0.590	5.00	0.613	ug/Kg	55888	02/01/2011 14:47	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-2-3

Lab Sample ID: 560-24119-10
Client Matrix: Solid

Date Sampled: 01/21/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.00	J		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
1,1-Dichloropropene	563-58-6	0.540	U		0.520	5.00	0.540	ug/Kg	55888	02/01/2011 14:47	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.457	U		0.440	5.00	0.457	ug/Kg	55888	02/01/2011 14:47	1	SG
1,2,3-Trichloropropane	96-18-4	0.790	U		0.760	5.00	0.790	ug/Kg	55888	02/01/2011 14:47	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.499	J		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
1,2-Dichloroethane	107-06-2	0.540	U		0.520	5.00	0.540	ug/Kg	55888	02/01/2011 14:47	1	SG
1,2-Dichloropropane	78-87-5	0.208	U		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.218	U		0.210	5.00	0.218	ug/Kg	55888	02/01/2011 14:47	1	SG
1,3-Dichloropropane	142-28-9	0.249	U		0.240	5.00	0.249	ug/Kg	55888	02/01/2011 14:47	1	SG
1,4-Dioxane	123-91-1	41.6	U		40.0	100	41.6	ug/Kg	55888	02/01/2011 14:47	1	SG
2,2-Dichloropropane	594-20-7	0.873	U		0.840	5.00	0.873	ug/Kg	55888	02/01/2011 14:47	1	SG
2-Butanone (MEK)	78-93-3	1.04	U		1.00	5.00	1.04	ug/Kg	55888	02/01/2011 14:47	1	SG
2-Hexanone	591-78-6	1.25	U		1.20	5.00	1.25	ug/Kg	55888	02/01/2011 14:47	1	SG
2-Nitropropane	79-46-9	0.540	U		0.520	5.00	0.540	ug/Kg	55888	02/01/2011 14:47	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.966	U		0.930	5.00	0.966	ug/Kg	55888	02/01/2011 14:47	1	SG
Acetone	67-64-1	7.48	U		7.20	25.0	7.48	ug/Kg	55888	02/01/2011 14:47	1	SG
Acetonitrile	75-05-8	38.4	U		37.0	50.0	38.4	ug/Kg	55888	02/01/2011 14:47	1	SG
Benzene	71-43-2	0.239	U		0.230	5.00	0.239	ug/Kg	55888	02/01/2011 14:47	1	SG
Bromoform	75-25-2	0.530	U		0.510	5.00	0.530	ug/Kg	55888	02/01/2011 14:47	1	SG
Bromomethane	74-83-9	1.14	U		1.10	5.00	1.14	ug/Kg	55888	02/01/2011 14:47	1	SG
Carbon disulfide	75-15-0	0.759	U		0.730	5.00	0.759	ug/Kg	55888	02/01/2011 14:47	1	SG
Carbon tetrachloride	56-23-5	0.530	U		0.510	5.00	0.530	ug/Kg	55888	02/01/2011 14:47	1	SG
Chlorobenzene	108-90-7	0.239	U		0.230	5.00	0.239	ug/Kg	55888	02/01/2011 14:47	1	SG
Chlorodibromomethane	124-48-1	0.665	U		0.640	5.00	0.665	ug/Kg	55888	02/01/2011 14:47	1	SG
Chloroethane	75-00-3	0.270	U		0.260	5.00	0.270	ug/Kg	55888	02/01/2011 14:47	1	SG
Chloroform	67-66-3	0.904	U		0.870	5.00	0.904	ug/Kg	55888	02/01/2011 14:47	1	SG
Chloromethane	74-87-3	1.25	U		1.20	5.00	1.25	ug/Kg	55888	02/01/2011 14:47	1	SG
cis-1,2-Dichloroethene	156-59-2	0.592	U		0.570	5.00	0.592	ug/Kg	55888	02/01/2011 14:47	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.208	U		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
Dibromomethane	74-95-3	0.738	U		0.710	5.00	0.738	ug/Kg	55888	02/01/2011 14:47	1	SG
Dichlorobromomethane	75-27-4	0.208	U		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
Dichlorodifluoromethane	75-71-8	0.759	U		0.730	5.00	0.759	ug/Kg	55888	02/01/2011 14:47	1	SG
Ethyl acetate	141-78-6	1.25	U		1.20	5.00	1.25	ug/Kg	55888	02/01/2011 14:47	1	SG
Ethyl ether	60-29-7	0.208	U		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
Ethyl methacrylate	97-63-2	0.530	U		0.510	5.00	0.530	ug/Kg	55888	02/01/2011 14:47	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-2-3

Lab Sample ID: 560-24119-10
Client Matrix: Solid

Date Sampled: 01/21/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.229	U		0.220	5.00	0.229	ug/Kg	55888	02/01/2011 14:47	1	SG
Ethylene Dibromide	106-93-4	0.208	U		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
Iodomethane	74-88-4	0.831	U		0.800	5.00	0.831	ug/Kg	55888	02/01/2011 14:47	1	SG
Methyl methacrylate	80-62-6	1.14	U		1.10	5.00	1.14	ug/Kg	55888	02/01/2011 14:47	1	SG
Methyl tert-butyl ether	1634-04-4	0.634	U		0.610	5.00	0.634	ug/Kg	55888	02/01/2011 14:47	1	SG
Methylene Chloride	75-09-2	5.20	U		5.00	25.0	5.20	ug/Kg	55888	02/01/2011 14:47	1	SG
Styrene	100-42-5	0.208	U		0.200	5.00	0.208	ug/Kg	55888	02/01/2011 14:47	1	SG
Tetrachloroethene	127-18-4	0.769	U		0.740	5.00	0.769	ug/Kg	55888	02/01/2011 14:47	1	SG
Toluene	108-88-3	0.582	U		0.560	5.00	0.582	ug/Kg	55888	02/01/2011 14:47	1	SG
trans-1,2-Dichloroethene	156-60-5	0.520	U		0.500	5.00	0.520	ug/Kg	55888	02/01/2011 14:47	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.540	U		0.520	5.00	0.540	ug/Kg	55888	02/01/2011 14:47	1	SG
Trichloroethene	79-01-6	0.291	U		0.280	5.00	0.291	ug/Kg	55888	02/01/2011 14:47	1	SG
Trichlorofluoromethane	75-69-4	0.520	U		0.500	5.00	0.520	ug/Kg	55888	02/01/2011 14:47	1	SG
Vinyl acetate	108-05-4	1.14	U		1.10	5.00	1.14	ug/Kg	55888	02/01/2011 14:47	1	SG
Vinyl chloride	75-01-4	0.623	U		0.600	5.00	0.623	ug/Kg	55888	02/01/2011 14:47	1	SG
Xylenes, Total	1330-20-7	0.374	U		0.360	15.0	0.374	ug/Kg	55888	02/01/2011 14:47	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		58.6	52.0	113	69-136		VGCMS#3	55919	02/01/2011 14:47	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		45.1	52.0	87	56-129		VGCMS#3	55919	02/01/2011 14:47	1	SG
Dibromofluoromethane (Surr)	1868-53-7		56.2	52.0	108	63-135		VGCMS#3	55919	02/01/2011 14:47	1	SG
Toluene-d8 (Surr)	2037-26-5		53.6	52.0	103	66-124		VGCMS#3	55919	02/01/2011 14:47	1	SG

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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-2-3

Lab Sample ID: 560-24119-10
Client Matrix: Solid

Date Sampled: 01/21/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	52.1	U		45.7	330	52.1	ug/Kg	55757	01/27/2011 21:35	1	GEF
1,2-Dichlorobenzene	95-50-1	59.4	U		52.1	330	59.4	ug/Kg	55757	01/27/2011 21:35	1	GEF
1,3-Dichlorobenzene	541-73-1	49.9	U		43.8	330	49.9	ug/Kg	55757	01/27/2011 21:35	1	GEF
1,4-Dichlorobenzene	106-46-7	52.2	U		45.8	330	52.2	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,4-Dichlorophenol	120-83-2	26.0	U		22.8	330	26.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,4-Dimethylphenol	105-67-9	23.3	U		20.4	330	23.3	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,4-Dinitrophenol	51-28-5	114	U		100	330	114	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,4-Dinitrotoluene	121-14-2	57.0	U		50.0	330	57.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
2,6-Dinitrotoluene	606-20-2	57.0	U		50.0	330	57.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
2-Chloronaphthalene	91-58-7	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
2-Chlorophenol	95-57-8	31.7	U		27.8	330	31.7	ug/Kg	55757	01/27/2011 21:35	1	GEF
2-Methylnaphthalene	91-57-6	35.5	U		31.1	330	35.5	ug/Kg	55757	01/27/2011 21:35	1	GEF
2-Methylphenol	95-48-7	37.6	U		33.0	330	37.6	ug/Kg	55757	01/27/2011 21:35	1	GEF
2-Nitroaniline	88-74-4	25.3	U		22.2	330	25.3	ug/Kg	55757	01/27/2011 21:35	1	GEF
2-Nitrophenol	88-75-5	19.4	U		17.0	330	19.4	ug/Kg	55757	01/27/2011 21:35	1	GEF
3 & 4 Methylphenol	15831-10-4	57.0	U		50.0	670	57.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
3,3'-Dichlorobenzidine	91-94-1	190	U		167	330	190	ug/Kg	55757	01/27/2011 21:35	1	GEF
3-Nitroaniline	99-09-2	114	U		100	330	114	ug/Kg	55757	01/27/2011 21:35	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	57.0	U		50.0	330	57.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
4-Chloroaniline	106-47-8	114	U		100	330	114	ug/Kg	55757	01/27/2011 21:35	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
4-Nitroaniline	100-01-6	114	U		100	330	114	ug/Kg	55757	01/27/2011 21:35	1	GEF
4-Nitrophenol	100-02-7	114	U		100	330	114	ug/Kg	55757	01/27/2011 21:35	1	GEF
Acenaphthene	83-32-9	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Acenaphthylene	208-96-8	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Anthracene	120-12-7	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Benzo[a]anthracene	56-55-3	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Benzo[a]pyrene	50-32-8	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Benzo[b]fluoranthene	205-99-2	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-2-3

Lab Sample ID: 560-24119-10
Client Matrix: Solid

Date Sampled: 01/21/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Benzo[k]fluoranthene	207-08-9	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Benzyl alcohol	100-51-6	27.9	U		24.5	330	27.9	ug/Kg	55757	01/27/2011 21:35	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Bis(2-chloroethyl)ether	111-44-4	42.6	U		37.4	330	42.6	ug/Kg	55757	01/27/2011 21:35	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	62.1	U	b	16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Butyl benzyl phthalate	85-68-7	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Chrysene	218-01-9	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Di-n-butyl phthalate	84-74-2	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Di-n-octyl phthalate	117-84-0	21.3	U		18.7	330	21.3	ug/Kg	55757	01/27/2011 21:35	1	GEF
Dibenz(a,h)anthracene	53-70-3	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Dibenzofuran	132-64-9	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Diethyl phthalate	84-66-2	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Dimethyl phthalate	131-11-3	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Fluoranthene	206-44-0	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Fluorene	86-73-7	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Hexachlorobenzene	118-74-1	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Hexachlorobutadiene	87-68-3	51.0	U		44.7	330	51.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Hexachlorocyclopentadiene	77-47-4	57.0	U		50.0	330	57.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Hexachloroethane	67-72-1	57.1	U		50.1	330	57.1	ug/Kg	55757	01/27/2011 21:35	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Isophorone	78-59-1	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Naphthalene	91-20-3	47.5	U		41.7	330	47.5	ug/Kg	55757	01/27/2011 21:35	1	GEF
Nitrobenzene	98-95-3	41.5	U		36.4	330	41.5	ug/Kg	55757	01/27/2011 21:35	1	GEF
Pentachlorophenol	87-86-5	114	U		100	330	114	ug/Kg	55757	01/27/2011 21:35	1	GEF
Phenanthrene	85-01-8	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Phenol	108-95-2	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF
Pyrene	129-00-0	19.0	U		16.7	330	19.0	ug/Kg	55757	01/27/2011 21:35	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5140	5700	90	65-120		SVGCMS#3	55726	01/27/2011 21:35	1	GEF
2-Fluorobiphenyl	321-60-8		2820	3800	74	64-120		SVGCMS#3	55726	01/27/2011 21:35	1	GEF
2-Fluorophenol	367-12-4		3840	5700	67	53-120		SVGCMS#3	55726	01/27/2011 21:35	1	GEF
Nitrobenzene-d5	4165-60-0		2750	3800	72	55-120		SVGCMS#3	55726	01/27/2011 21:35	1	GEF
Phenol-d5	4165-62-2		4160	5700	73	59-120		SVGCMS#3	55726	01/27/2011 21:35	1	GEF
Terphenyl-d14	1718-51-0		3000	3800	79	67-120		SVGCMS#3	55726	01/27/2011 21:35	1	GEF

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB5-2-3

Lab Sample ID: 560-24119-10
Client Matrix: Solid

Date Sampled: 01/21/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.4	U		10.0	50.0	11.4	mg/Kg	55628	01/25/2011 14:55	1	SG
C6-C35	STL00006	11.4	U		10.0	50.0	11.4	mg/Kg	55628	01/25/2011 14:55	1	SG
Over C12-C28	STL00035	11.4	U		10.0	50.0	11.4	mg/Kg	55628	01/25/2011 14:55	1	SG
Over C28-C35	STL00147	11.4	U		10.0	50.0	11.4	mg/Kg	55628	01/25/2011 14:55	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		302	285	106	70-130		SVGC#4	55606	01/25/2011 14:55	1	SG
o-Terphenyl	84-15-1		328	285	115	70-130		SVGC#4	55606	01/25/2011 14:55	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-0-0.5

Lab Sample ID: 560-24119-11
Client Matrix: Solid

Date Sampled: 01/21/2011 10:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	8.0			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	10.5			0.0499	0.250	0.0502	mg/Kg	55875	01/31/2011 20:49	1	EDR
Barium	7440-39-3	43.3			0.109	0.250	0.110	mg/Kg	55875	01/31/2011 20:49	1	EDR
Cadmium	7440-43-9	0.282			0.0721	0.250	0.0726	mg/Kg	55875	01/31/2011 20:49	1	EDR
Chromium	7440-47-3	13.5			0.112	0.250	0.113	mg/Kg	55875	01/31/2011 20:49	1	EDR
Lead	7439-92-1	121			0.205	0.500	0.206	mg/Kg	55875	01/31/2011 20:49	1	EDR
Selenium	7782-49-2	0.200	U	b	0.0435	0.250	0.0438	mg/Kg	55875	01/31/2011 20:49	1	EDR
Silver	7440-22-4	0.0690	U		0.0686	0.250	0.0690	mg/Kg	55875	01/31/2011 20:49	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0137	U		0.0180	0.200	0.0137	mg/Kg	55715	01/26/2011 13:05	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.569	U	UJ	0.700	5.00	0.569	ug/Kg	55984	02/03/2011 17:52	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.309	U		0.380	5.00	0.309	ug/Kg	55984	02/03/2011 17:52	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.545	U		0.670	5.00	0.545	ug/Kg	55984	02/03/2011 17:52	1	SG
1,1,2-Trichloroethane	79-00-5	0.407	U		0.500	5.00	0.407	ug/Kg	55984	02/03/2011 17:52	1	SG
1,1-Dichloroethane	75-34-3	0.480	U		0.590	5.00	0.480	ug/Kg	55984	02/03/2011 17:52	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-0-0.5

Lab Sample ID: 560-24119-11
Client Matrix: Solid

Date Sampled: 01/21/2011 10:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.826	J		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
1,1-Dichloropropene	563-58-6	0.423	U	UJ	0.520	5.00	0.423	ug/Kg	55984	02/03/2011 17:52	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.358	U	UJ	0.440	5.00	0.358	ug/Kg	55984	02/03/2011 17:52	1	SG
1,2,3-Trichloropropane	96-18-4	0.618	U	UJ	0.760	5.00	0.618	ug/Kg	55984	02/03/2011 17:52	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.683	J		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
1,2-Dichloroethane	107-06-2	0.423	U	UJ	0.520	5.00	0.423	ug/Kg	55984	02/03/2011 17:52	1	SG
1,2-Dichloropropane	78-87-5	0.163	U		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.171	U		0.210	5.00	0.171	ug/Kg	55984	02/03/2011 17:52	1	SG
1,3-Dichloropropane	142-28-9	0.195	U		0.240	5.00	0.195	ug/Kg	55984	02/03/2011 17:52	1	SG
1,4-Dioxane	123-91-1	32.5	U		40.0	100	32.5	ug/Kg	55984	02/03/2011 17:52	1	SG
2,2-Dichloropropane	594-20-7	0.683	U		0.840	5.00	0.683	ug/Kg	55984	02/03/2011 17:52	1	SG
2-Butanone (MEK)	78-93-3	0.814	U		1.00	5.00	0.814	ug/Kg	55984	02/03/2011 17:52	1	SG
2-Hexanone	591-78-6	0.976	U	*	1.20	5.00	0.976	ug/Kg	55984	02/03/2011 17:52	1	SG
2-Nitropropane	79-46-9	0.423	U	*	0.520	5.00	0.423	ug/Kg	55984	02/03/2011 17:52	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.757	U	*	0.930	5.00	0.757	ug/Kg	55984	02/03/2011 17:52	1	SG
Acetone	67-64-1	5.86	U		7.20	25.0	5.86	ug/Kg	55984	02/03/2011 17:52	1	SG
Acetonitrile	75-05-8	30.1	U		37.0	50.0	30.1	ug/Kg	55984	02/03/2011 17:52	1	SG
Benzene	71-43-2	0.187	U		0.230	5.00	0.187	ug/Kg	55984	02/03/2011 17:52	1	SG
Bromoform	75-25-2	0.415	U		0.510	5.00	0.415	ug/Kg	55984	02/03/2011 17:52	1	SG
Bromomethane	74-83-9	0.895	U		1.10	5.00	0.895	ug/Kg	55984	02/03/2011 17:52	1	SG
Carbon disulfide	75-15-0	0.594	U		0.730	5.00	0.594	ug/Kg	55984	02/03/2011 17:52	1	SG
Carbon tetrachloride	56-23-5	0.415	U		0.510	5.00	0.415	ug/Kg	55984	02/03/2011 17:52	1	SG
Chlorobenzene	108-90-7	0.187	U		0.230	5.00	0.187	ug/Kg	55984	02/03/2011 17:52	1	SG
Chlorodibromomethane	124-48-1	0.521	U		0.640	5.00	0.521	ug/Kg	55984	02/03/2011 17:52	1	SG
Chloroethane	75-00-3	0.212	U		0.260	5.00	0.212	ug/Kg	55984	02/03/2011 17:52	1	SG
Chloroform	67-66-3	0.708	U		0.870	5.00	0.708	ug/Kg	55984	02/03/2011 17:52	1	SG
Chloromethane	74-87-3	0.976	U		1.20	5.00	0.976	ug/Kg	55984	02/03/2011 17:52	1	SG
cis-1,2-Dichloroethene	156-59-2	0.464	U		0.570	5.00	0.464	ug/Kg	55984	02/03/2011 17:52	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.163	U		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
Dibromomethane	74-95-3	0.578	U		0.710	5.00	0.578	ug/Kg	55984	02/03/2011 17:52	1	SG
Dichlorobromomethane	75-27-4	0.163	U		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
Dichlorodifluoromethane	75-71-8	0.594	U		0.730	5.00	0.594	ug/Kg	55984	02/03/2011 17:52	1	SG
Ethyl acetate	141-78-6	0.976	U		1.20	5.00	0.976	ug/Kg	55984	02/03/2011 17:52	1	SG
Ethyl ether	60-29-7	0.163	U		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
Ethylmethacrylate	97-63-2	0.415	U	UJ	0.510	5.00	0.415	ug/Kg	55984	02/03/2011 17:52	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-0-0.5

Lab Sample ID: 560-24119-11
Client Matrix: Solid

Date Sampled: 01/21/2011 10:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.214	J		0.220	5.00	0.179	ug/Kg	55984	02/03/2011 17:52	1	SG
Ethylene Dibromide	106-93-4	0.163	U	UJ	0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
Iodomethane	74-88-4	0.651	U		0.800	5.00	0.651	ug/Kg	55984	02/03/2011 17:52	1	SG
Methyl methacrylate	80-62-6	0.895	U		1.10	5.00	0.895	ug/Kg	55984	02/03/2011 17:52	1	SG
Methyl tert-butyl ether	1634-04-4	0.496	U		0.610	5.00	0.496	ug/Kg	55984	02/03/2011 17:52	1	SG
Methylene Chloride	75-09-2	4.07	U		5.00	25.0	4.07	ug/Kg	55984	02/03/2011 17:52	1	SG
Styrene	100-42-5	0.163	U		0.200	5.00	0.163	ug/Kg	55984	02/03/2011 17:52	1	SG
Tetrachloroethene	127-18-4	0.602	U	UJ	0.740	5.00	0.602	ug/Kg	55984	02/03/2011 17:52	1	SG
Toluene	108-88-3	0.520	J		0.560	5.00	0.456	ug/Kg	55984	02/03/2011 17:52	1	SG
trans-1,2-Dichloroethene	156-60-5	0.407	U	UJ	0.500	5.00	0.407	ug/Kg	55984	02/03/2011 17:52	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.423	U		0.520	5.00	0.423	ug/Kg	55984	02/03/2011 17:52	1	SG
Trichloroethene	79-01-6	0.228	U		0.280	5.00	0.228	ug/Kg	55984	02/03/2011 17:52	1	SG
Trichlorofluoromethane	75-69-4	0.407	U		0.500	5.00	0.407	ug/Kg	55984	02/03/2011 17:52	1	SG
Vinyl acetate	108-05-4	0.895	U		1.10	5.00	0.895	ug/Kg	55984	02/03/2011 17:52	1	SG
Vinyl chloride	75-01-4	0.488	U	UJ	0.600	5.00	0.488	ug/Kg	55984	02/03/2011 17:52	1	SG
Xylenes, Total	1330-20-7	0.751	J		0.360	15.0	0.293	ug/Kg	55984	02/03/2011 17:52	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		46.0	40.7	113	69-136		VGCMS#3	55995	02/03/2011 17:52	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		36.4	40.7	90	56-129		VGCMS#3	55995	02/03/2011 17:52	1	SG
Dibromofluoromethane (Surr)	1868-53-7		42.5	40.7	105	63-135		VGCMS#3	55995	02/03/2011 17:52	1	SG
Toluene-d8 (Surr)	2037-26-5		40.3	40.7	99	66-124		VGCMS#3	55995	02/03/2011 17:52	1	SG

S. Chaire
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-0-0.5

Lab Sample ID: 560-24119-11
Client Matrix: Solid

Date Sampled: 01/21/2011 10:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	49.7	U		45.7	330	49.7	ug/Kg	55757	01/27/2011 22:01	1	GEF
1,2-Dichlorobenzene	95-50-1	56.6	U		52.1	330	56.6	ug/Kg	55757	01/27/2011 22:01	1	GEF
1,3-Dichlorobenzene	541-73-1	47.6	U		43.8	330	47.6	ug/Kg	55757	01/27/2011 22:01	1	GEF
1,4-Dichlorobenzene	106-46-7	49.8	U		45.8	330	49.8	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,4-Dichlorophenol	120-83-2	24.8	U		22.8	330	24.8	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,4-Dimethylphenol	105-67-9	22.2	U		20.4	330	22.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,4-Dinitrophenol	51-28-5	109	U		100	330	109	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,4-Dinitrotoluene	121-14-2	54.3	U		50.0	330	54.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
2,6-Dinitrotoluene	606-20-2	54.3	U		50.0	330	54.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
2-Chloronaphthalene	91-58-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
2-Chlorophenol	95-57-8	30.2	U		27.8	330	30.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
2-Methylnaphthalene	91-57-6	33.8	U		31.1	330	33.8	ug/Kg	55757	01/27/2011 22:01	1	GEF
2-Methylphenol	95-48-7	35.9	U		33.0	330	35.9	ug/Kg	55757	01/27/2011 22:01	1	GEF
2-Nitroaniline	88-74-4	24.1	U		22.2	330	24.1	ug/Kg	55757	01/27/2011 22:01	1	GEF
2-Nitrophenol	88-75-5	18.5	U		17.0	330	18.5	ug/Kg	55757	01/27/2011 22:01	1	GEF
3 & 4 Methylphenol	15831-10-4	54.3	U		50.0	670	54.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
3,3'-Dichlorobenzidine	91-94-1	182	U		167	330	182	ug/Kg	55757	01/27/2011 22:01	1	GEF
3-Nitroaniline	99-09-2	109	U		100	330	109	ug/Kg	55757	01/27/2011 22:01	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	54.3	U		50.0	330	54.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
4-Chloroaniline	106-47-8	109	U		100	330	109	ug/Kg	55757	01/27/2011 22:01	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
4-Nitroaniline	100-01-6	109	U		100	330	109	ug/Kg	55757	01/27/2011 22:01	1	GEF
4-Nitrophenol	100-02-7	109	U		100	330	109	ug/Kg	55757	01/27/2011 22:01	1	GEF
Acenaphthene	83-32-9	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Acenaphthylene	208-96-8	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Anthracene	120-12-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Benzo[a]anthracene	56-55-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Benzo[a]pyrene	50-32-8	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Benzo[b]fluoranthene	205-99-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF

FEB 5 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-0-0.5

Lab Sample ID: 560-24119-11
Client Matrix: Solid

Date Sampled: 01/21/2011 10:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Benzo[k]fluoranthene	207-08-9	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Benzyl alcohol	100-51-6	26.6	U		24.5	330	26.6	ug/Kg	55757	01/27/2011 22:01	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Bis(2-chloroethyl)ether	111-44-4	40.6	U		37.4	330	40.6	ug/Kg	55757	01/27/2011 22:01	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	116	~~J~~ U	b	16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Butyl benzyl phthalate	85-68-7	333	J		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Chrysene	218-01-9	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Di-n-butyl phthalate	84-74-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Di-n-octyl phthalate	117-84-0	20.3	U		18.7	330	20.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Dibenzofuran	132-64-9	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Diethyl phthalate	84-66-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Dimethyl phthalate	131-11-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Fluoranthene	206-44-0	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Fluorene	86-73-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Hexachlorobenzene	118-74-1	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Hexachlorobutadiene	87-68-3	48.6	U		44.7	330	48.6	ug/Kg	55757	01/27/2011 22:01	1	GEF
Hexachlorocyclopentadiene	77-47-4	54.3	U		50.0	330	54.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
Hexachloroethane	67-72-1	54.5	U		50.1	330	54.5	ug/Kg	55757	01/27/2011 22:01	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Isophorone	78-59-1	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Naphthalene	91-20-3	45.3	U		41.7	330	45.3	ug/Kg	55757	01/27/2011 22:01	1	GEF
Nitrobenzene	98-95-3	39.6	U		36.4	330	39.6	ug/Kg	55757	01/27/2011 22:01	1	GEF
Pentachlorophenol	87-86-5	109	U		100	330	109	ug/Kg	55757	01/27/2011 22:01	1	GEF
Phenanthrene	85-01-8	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Phenol	108-95-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF
Pyrene	129-00-0	18.2	U		16.7	330	18.2	ug/Kg	55757	01/27/2011 22:01	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

S. Schaffe
FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5150	5430	95	65-120		SVGCMS#3	55726	01/27/2011 22:01	1	GEF
2-Fluorobiphenyl	321-60-8		2800	3620	77	64-120		SVGCMS#3	55726	01/27/2011 22:01	1	GEF
2-Fluorophenol	367-12-4		3520	5430	65	53-120		SVGCMS#3	55726	01/27/2011 22:01	1	GEF
Nitrobenzene-d5	4165-60-0		2500	3620	69	55-120		SVGCMS#3	55726	01/27/2011 22:01	1	GEF
Phenol-d5	4165-62-2		3860	5430	71	59-120		SVGCMS#3	55726	01/27/2011 22:01	1	GEF
Terphenyl-d14	1718-51-0		2980	3620	82	67-120		SVGCMS#3	55726	01/27/2011 22:01	1	GEF

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FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-0-0.5

Lab Sample ID: 560-24119-11
Client Matrix: Solid

Date Sampled: 01/21/2011 10:45
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.8	U		10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:05	1	SG
C6-C35	STL00006	105			10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:05	1	SG
Over C12-C28	STL00035	58.0			10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:05	1	SG
Over C28-C35	STL00147	46.9	J		10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:05	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		284	271	105	70-130		SVGC#4	55606	01/25/2011 15:05	1	SG
o-Terphenyl	84-15-1		299	271	110	70-130		SVGC#4	55606	01/25/2011 15:05	1	SG

S. Chafe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-2-3

Lab Sample ID: 560-24119-12
Client Matrix: Solid

Date Sampled: 01/21/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55919	02/01/2011 08:47		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	9.7			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.70			0.0499	0.250	0.0487	mg/Kg	55875	01/31/2011 20:54	1	EDR
Barium	7440-39-3	24.0			0.109	0.250	0.106	mg/Kg	55875	01/31/2011 20:54	1	EDR
Cadmium	7440-43-9	0.0703	U		0.0721	0.250	0.0703	mg/Kg	55875	01/31/2011 20:54	1	EDR
Chromium	7440-47-3	3.10			0.112	0.250	0.109	mg/Kg	55875	01/31/2011 20:54	1	EDR
Lead	7439-92-1	3.73			0.205	0.500	0.200	mg/Kg	55875	01/31/2011 20:54	1	EDR
Selenium	7782-49-2	0.190	J U	b	0.0435	0.250	0.0424	mg/Kg	55875	01/31/2011 20:54	1	EDR
Silver	7440-22-4	0.0669	U		0.0686	0.250	0.0669	mg/Kg	55875	01/31/2011 20:54	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0148	U		0.0180	0.200	0.0148	mg/Kg	55715	01/26/2011 13:07	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.675	U		0.700	5.00	0.675	ug/Kg	55888	02/01/2011 16:05	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.367	U		0.380	5.00	0.367	ug/Kg	55888	02/01/2011 16:05	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.646	U		0.670	5.00	0.646	ug/Kg	55888	02/01/2011 16:05	1	SG
1,1,2-Trichloroethane	79-00-5	0.482	U		0.500	5.00	0.482	ug/Kg	55888	02/01/2011 16:05	1	SG
1,1-Dichloroethane	75-34-3	0.569	U		0.590	5.00	0.569	ug/Kg	55888	02/01/2011 16:05	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-2-3

Lab Sample ID: 560-24119-12
Client Matrix: Solid

Date Sampled: 01/21/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	3.33	J		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
1,1-Dichloropropene	563-58-6	0.502	U		0.520	5.00	0.502	ug/Kg	55888	02/01/2011 16:05	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.424	U		0.440	5.00	0.424	ug/Kg	55888	02/01/2011 16:05	1	SG
1,2,3-Trichloropropane	96-18-4	0.733	U		0.760	5.00	0.733	ug/Kg	55888	02/01/2011 16:05	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
1,2-Dichloroethane	107-06-2	0.502	U		0.520	5.00	0.502	ug/Kg	55888	02/01/2011 16:05	1	SG
1,2-Dichloropropane	78-87-5	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.203	U		0.210	5.00	0.203	ug/Kg	55888	02/01/2011 16:05	1	SG
1,3-Dichloropropane	142-28-9	0.232	U		0.240	5.00	0.232	ug/Kg	55888	02/01/2011 16:05	1	SG
1,4-Dioxane	123-91-1	38.6	U		40.0	100	38.6	ug/Kg	55888	02/01/2011 16:05	1	SG
2,2-Dichloropropane	594-20-7	0.810	U		0.840	5.00	0.810	ug/Kg	55888	02/01/2011 16:05	1	SG
2-Butanone (MEK)	78-93-3	0.965	U		1.00	5.00	0.965	ug/Kg	55888	02/01/2011 16:05	1	SG
2-Hexanone	591-78-6	1.16	U		1.20	5.00	1.16	ug/Kg	55888	02/01/2011 16:05	1	SG
2-Nitropropane	79-46-9	0.502	U		0.520	5.00	0.502	ug/Kg	55888	02/01/2011 16:05	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.897	U		0.930	5.00	0.897	ug/Kg	55888	02/01/2011 16:05	1	SG
Acetone	67-64-1	6.95	U		7.20	25.0	6.95	ug/Kg	55888	02/01/2011 16:05	1	SG
Acetonitrile	75-05-8	35.7	U		37.0	50.0	35.7	ug/Kg	55888	02/01/2011 16:05	1	SG
Benzene	71-43-2	0.222	U		0.230	5.00	0.222	ug/Kg	55888	02/01/2011 16:05	1	SG
Bromoform	75-25-2	0.492	U		0.510	5.00	0.492	ug/Kg	55888	02/01/2011 16:05	1	SG
Bromomethane	74-83-9	1.06	U		1.10	5.00	1.06	ug/Kg	55888	02/01/2011 16:05	1	SG
Carbon disulfide	75-15-0	0.704	U		0.730	5.00	0.704	ug/Kg	55888	02/01/2011 16:05	1	SG
Carbon tetrachloride	56-23-5	0.492	U		0.510	5.00	0.492	ug/Kg	55888	02/01/2011 16:05	1	SG
Chlorobenzene	108-90-7	0.222	U		0.230	5.00	0.222	ug/Kg	55888	02/01/2011 16:05	1	SG
Chlorodibromomethane	124-48-1	0.617	U		0.640	5.00	0.617	ug/Kg	55888	02/01/2011 16:05	1	SG
Chloroethane	75-00-3	0.251	U		0.260	5.00	0.251	ug/Kg	55888	02/01/2011 16:05	1	SG
Chloroform	67-66-3	0.839	U		0.870	5.00	0.839	ug/Kg	55888	02/01/2011 16:05	1	SG
Chloromethane	74-87-3	1.16	U		1.20	5.00	1.16	ug/Kg	55888	02/01/2011 16:05	1	SG
cis-1,2-Dichloroethene	156-59-2	0.550	U		0.570	5.00	0.550	ug/Kg	55888	02/01/2011 16:05	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
Dibromomethane	74-95-3	0.685	U		0.710	5.00	0.685	ug/Kg	55888	02/01/2011 16:05	1	SG
Dichlorobromomethane	75-27-4	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
Dichlorodifluoromethane	75-71-8	0.704	U		0.730	5.00	0.704	ug/Kg	55888	02/01/2011 16:05	1	SG
Ethyl acetate	141-78-6	1.16	U		1.20	5.00	1.16	ug/Kg	55888	02/01/2011 16:05	1	SG
Ethyl ether	60-29-7	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
Ethyl methacrylate	97-63-2	0.492	U		0.510	5.00	0.492	ug/Kg	55888	02/01/2011 16:05	1	SG

Chain of Custody Record

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-2-3

Lab Sample ID: 560-24119-12
Client Matrix: Solid

Date Sampled: 01/21/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.212	U		0.220	5.00	0.212	ug/Kg	55888	02/01/2011 16:05	1	SG
Ethylene Dibromide	106-93-4	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
Iodomethane	74-88-4	0.772	U		0.800	5.00	0.772	ug/Kg	55888	02/01/2011 16:05	1	SG
Methyl methacrylate	80-62-6	1.06	U		1.10	5.00	1.06	ug/Kg	55888	02/01/2011 16:05	1	SG
Methyl tert-butyl ether	1634-04-4	0.588	U		0.610	5.00	0.588	ug/Kg	55888	02/01/2011 16:05	1	SG
Methylene Chloride	75-09-2	4.82	U		5.00	25.0	4.82	ug/Kg	55888	02/01/2011 16:05	1	SG
Styrene	100-42-5	0.193	U		0.200	5.00	0.193	ug/Kg	55888	02/01/2011 16:05	1	SG
Tetrachloroethene	127-18-4	0.714	U		0.740	5.00	0.714	ug/Kg	55888	02/01/2011 16:05	1	SG
Toluene	108-88-3	0.540	U		0.560	5.00	0.540	ug/Kg	55888	02/01/2011 16:05	1	SG
trans-1,2-Dichloroethene	156-60-5	0.482	U		0.500	5.00	0.482	ug/Kg	55888	02/01/2011 16:05	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.502	U		0.520	5.00	0.502	ug/Kg	55888	02/01/2011 16:05	1	SG
Trichloroethene	79-01-6	0.270	U		0.280	5.00	0.270	ug/Kg	55888	02/01/2011 16:05	1	SG
Trichlorofluoromethane	75-69-4	0.482	U		0.500	5.00	0.482	ug/Kg	55888	02/01/2011 16:05	1	SG
Vinyl acetate	108-05-4	1.06	U		1.10	5.00	1.06	ug/Kg	55888	02/01/2011 16:05	1	SG
Vinyl chloride	75-01-4	0.579	U		0.600	5.00	0.579	ug/Kg	55888	02/01/2011 16:05	1	SG
Xylenes, Total	1330-20-7	0.347	U		0.360	15.0	0.347	ug/Kg	55888	02/01/2011 16:05	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		52.3	48.2	108	69-136		VGCMS#3	55919	02/01/2011 16:05	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		45.6	48.2	95	56-129		VGCMS#3	55919	02/01/2011 16:05	1	SG
Dibromofluoromethane (Surr)	1868-53-7		50.1	48.2	104	63-135		VGCMS#3	55919	02/01/2011 16:05	1	SG
Toluene-d8 (Surr)	2037-26-5		49.8	48.2	103	66-124		VGCMS#3	55919	02/01/2011 16:05	1	SG

S. Chafe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-2-3

Lab Sample ID: 560-24119-12
Client Matrix: Solid

Date Sampled: 01/21/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	50.6	U		45.7	330	50.6	ug/Kg	55757	01/27/2011 22:26	1	GEF
1,2-Dichlorobenzene	95-50-1	57.7	U		52.1	330	57.7	ug/Kg	55757	01/27/2011 22:26	1	GEF
1,3-Dichlorobenzene	541-73-1	48.5	U		43.8	330	48.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
1,4-Dichlorobenzene	106-46-7	50.7	U		45.8	330	50.7	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,4-Dichlorophenol	120-83-2	25.2	U		22.8	330	25.2	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,4-Dimethylphenol	105-67-9	22.6	U		20.4	330	22.6	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,4-Dinitrophenol	51-28-5	111	U		100	330	111	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,4-Dinitrotoluene	121-14-2	55.4	U		50.0	330	55.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
2,6-Dinitrotoluene	606-20-2	55.4	U		50.0	330	55.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
2-Chloronaphthalene	91-58-7	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
2-Chlorophenol	95-57-8	30.8	U		27.8	330	30.8	ug/Kg	55757	01/27/2011 22:26	1	GEF
2-Methylnaphthalene	91-57-6	34.4	U		31.1	330	34.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
2-Methylphenol	95-48-7	36.5	U		33.0	330	36.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
2-Nitroaniline	88-74-4	24.6	U		22.2	330	24.6	ug/Kg	55757	01/27/2011 22:26	1	GEF
2-Nitrophenol	88-75-5	18.8	U		17.0	330	18.8	ug/Kg	55757	01/27/2011 22:26	1	GEF
3 & 4 Methylphenol	15831-10-4	55.4	U		50.0	670	55.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
3,3'-Dichlorobenzidine	91-94-1	185	U		167	330	185	ug/Kg	55757	01/27/2011 22:26	1	GEF
3-Nitroaniline	99-09-2	111	U		100	330	111	ug/Kg	55757	01/27/2011 22:26	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.4	U		50.0	330	55.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
4-Chloroaniline	106-47-8	111	U		100	330	111	ug/Kg	55757	01/27/2011 22:26	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
4-Nitroaniline	100-01-6	111	U		100	330	111	ug/Kg	55757	01/27/2011 22:26	1	GEF
4-Nitrophenol	100-02-7	111	U		100	330	111	ug/Kg	55757	01/27/2011 22:26	1	GEF
Acenaphthene	83-32-9	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Acenaphthylene	208-96-8	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Anthracene	120-12-7	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Benzo[a]anthracene	56-55-3	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Benzo[a]pyrene	50-32-8	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Benzo[b]fluoranthene	205-99-2	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-2-3

Lab Sample ID: 560-24119-12
Client Matrix: Solid

Date Sampled: 01/21/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Benzo[k]fluoranthene	207-08-9	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Benzyl alcohol	100-51-6	27.1	U		24.5	330	27.1	ug/Kg	55757	01/27/2011 22:26	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.4	U		37.4	330	41.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	59.5	~~J~~ U	b	16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Butyl benzyl phthalate	85-68-7	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Chrysene	218-01-9	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Di-n-butyl phthalate	84-74-2	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Di-n-octyl phthalate	117-84-0	20.7	U		18.7	330	20.7	ug/Kg	55757	01/27/2011 22:26	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Dibenzofuran	132-64-9	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Diethyl phthalate	84-66-2	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Dimethyl phthalate	131-11-3	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Fluoranthene	206-44-0	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Fluorene	86-73-7	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Hexachlorobenzene	118-74-1	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Hexachlorobutadiene	87-68-3	49.5	U		44.7	330	49.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.4	U		50.0	330	55.4	ug/Kg	55757	01/27/2011 22:26	1	GEF
Hexachloroethane	67-72-1	55.5	U		50.1	330	55.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Isophorone	78-59-1	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Naphthalene	91-20-3	46.2	U		41.7	330	46.2	ug/Kg	55757	01/27/2011 22:26	1	GEF
Nitrobenzene	98-95-3	40.3	U		36.4	330	40.3	ug/Kg	55757	01/27/2011 22:26	1	GEF
Pentachlorophenol	87-86-5	111	U		100	330	111	ug/Kg	55757	01/27/2011 22:26	1	GEF
Phenanthrene	85-01-8	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Phenol	108-95-2	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF
Pyrene	129-00-0	18.5	U		16.7	330	18.5	ug/Kg	55757	01/27/2011 22:26	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5430	5540	98	65-120		SVGCMS#3	55726	01/27/2011 22:26	1	GEF
2-Fluorobiphenyl	321-60-8		3020	3690	82	64-120		SVGCMS#3	55726	01/27/2011 22:26	1	GEF
2-Fluorophenol	367-12-4		4090	5540	74	53-120		SVGCMS#3	55726	01/27/2011 22:26	1	GEF
Nitrobenzene-d5	4165-60-0		2890	3690	78	55-120		SVGCMS#3	55726	01/27/2011 22:26	1	GEF
Phenol-d5	4165-62-2		4370	5540	79	59-120		SVGCMS#3	55726	01/27/2011 22:26	1	GEF
Terphenyl-d14	1718-51-0		3120	3690	85	67-120		SVGCMS#3	55726	01/27/2011 22:26	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB6-2-3

Lab Sample ID: 560-24119-12
Client Matrix: Solid

Date Sampled: 01/21/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.1	U		10.0	50.0	11.1	mg/Kg	55628	01/25/2011 15:14	1	SG
C6-C35	STL00006	11.1	U		10.0	50.0	11.1	mg/Kg	55628	01/25/2011 15:14	1	SG
Over C12-C28	STL00035	11.1	U		10.0	50.0	11.1	mg/Kg	55628	01/25/2011 15:14	1	SG
Over C28-C35	STL00147	11.1	U		10.0	50.0	11.1	mg/Kg	55628	01/25/2011 15:14	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		292	278	105	70-130		SVGC#4	55606	01/25/2011 15:14	1	SG
o-Terphenyl	84-15-1		315	278	113	70-130		SVGC#4	55606	01/25/2011 15:14	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-2

Lab Sample ID: 560-24119-13 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	7.4			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	6.68			0.0499	0.250	0.0493	mg/Kg	55875	01/31/2011 21:00	1	EDR
Barium	7440-39-3	35.0			0.109	0.250	0.108	mg/Kg	55875	01/31/2011 21:00	1	EDR
Cadmium	7440-43-9	0.419			0.0721	0.250	0.0712	mg/Kg	55875	01/31/2011 21:00	1	EDR
Chromium	7440-47-3	11.7			0.112	0.250	0.111	mg/Kg	55875	01/31/2011 21:00	1	EDR
Lead	7439-92-1	33.7			0.205	0.500	0.202	mg/Kg	55875	01/31/2011 21:00	1	EDR
Selenium	7782-49-2	0.220	U	b	0.0435	0.250	0.0429	mg/Kg	55875	01/31/2011 21:00	1	EDR
Silver	7440-22-4	0.0677	U		0.0686	0.250	0.0677	mg/Kg	55875	01/31/2011 21:00	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.00918	U		0.0180	0.200	0.00918	mg/Kg	55715	01/26/2011 13:09	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.610	U	UJ	0.700	5.00	0.610	ug/Kg	55984	02/03/2011 18:18	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.331	U		0.380	5.00	0.331	ug/Kg	55984	02/03/2011 18:18	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.583	U		0.670	5.00	0.583	ug/Kg	55984	02/03/2011 18:18	1	SG
1,1,2-Trichloroethane	79-00-5	0.435	U		0.500	5.00	0.435	ug/Kg	55984	02/03/2011 18:18	1	SG
1,1-Dichloroethane	75-34-3	0.514	U	UJ	0.590	5.00	0.514	ug/Kg	55984	02/03/2011 18:18	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-2

Lab Sample ID: 560-24119-13 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	1.87	J		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
1,1-Dichloropropene	563-58-6	0.453	U	UJ	0.520	5.00	0.453	ug/Kg	55984	02/03/2011 18:18	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.383	U	UJ	0.440	5.00	0.383	ug/Kg	55984	02/03/2011 18:18	1	SG
1,2,3-Trichloropropane	96-18-4	0.662	U	UJ	0.760	5.00	0.662	ug/Kg	55984	02/03/2011 18:18	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.619	J		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
1,2-Dichloroethane	107-06-2	0.453	U	UJ	0.520	5.00	0.453	ug/Kg	55984	02/03/2011 18:18	1	SG
1,2-Dichloropropane	78-87-5	0.174	U	UJ	0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.233	J		0.210	5.00	0.183	ug/Kg	55984	02/03/2011 18:18	1	SG
1,3-Dichloropropane	142-28-9	0.209	U	UJ	0.240	5.00	0.209	ug/Kg	55984	02/03/2011 18:18	1	SG
1,4-Dioxane	123-91-1	34.8	U		40.0	100	34.8	ug/Kg	55984	02/03/2011 18:18	1	SG
2,2-Dichloropropane	594-20-7	0.731	U		0.840	5.00	0.731	ug/Kg	55984	02/03/2011 18:18	1	SG
2-Butanone (MEK)	78-93-3	0.871	U		1.00	5.00	0.871	ug/Kg	55984	02/03/2011 18:18	1	SG
2-Hexanone	591-78-6	1.04	U	*	1.20	5.00	1.04	ug/Kg	55984	02/03/2011 18:18	1	SG
2-Nitropropane	79-46-9	0.453	U	*	0.520	5.00	0.453	ug/Kg	55984	02/03/2011 18:18	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.810	U	*	0.930	5.00	0.810	ug/Kg	55984	02/03/2011 18:18	1	SG
Acetone	67-64-1	6.27	U		7.20	25.0	6.27	ug/Kg	55984	02/03/2011 18:18	1	SG
Acetonitrile	75-05-8	32.2	U		37.0	50.0	32.2	ug/Kg	55984	02/03/2011 18:18	1	SG
Benzene	71-43-2	0.200	U		0.230	5.00	0.200	ug/Kg	55984	02/03/2011 18:18	1	SG
Bromoform	75-25-2	0.444	U		0.510	5.00	0.444	ug/Kg	55984	02/03/2011 18:18	1	SG
Bromomethane	74-83-9	0.958	U		1.10	5.00	0.958	ug/Kg	55984	02/03/2011 18:18	1	SG
Carbon disulfide	75-15-0	0.636	U		0.730	5.00	0.636	ug/Kg	55984	02/03/2011 18:18	1	SG
Carbon tetrachloride	56-23-5	0.444	U		0.510	5.00	0.444	ug/Kg	55984	02/03/2011 18:18	1	SG
Chlorobenzene	108-90-7	0.200	U		0.230	5.00	0.200	ug/Kg	55984	02/03/2011 18:18	1	SG
Chlorodibromomethane	124-48-1	0.557	U		0.640	5.00	0.557	ug/Kg	55984	02/03/2011 18:18	1	SG
Chloroethane	75-00-3	0.226	U		0.260	5.00	0.226	ug/Kg	55984	02/03/2011 18:18	1	SG
Chloroform	67-66-3	0.758	U		0.870	5.00	0.758	ug/Kg	55984	02/03/2011 18:18	1	SG
Chloromethane	74-87-3	1.04	U		1.20	5.00	1.04	ug/Kg	55984	02/03/2011 18:18	1	SG
cis-1,2-Dichloroethene	156-59-2	0.496	U		0.570	5.00	0.496	ug/Kg	55984	02/03/2011 18:18	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.174	U		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
Dibromomethane	74-95-3	0.618	U		0.710	5.00	0.618	ug/Kg	55984	02/03/2011 18:18	1	SG
Dichlorobromomethane	75-27-4	0.174	U		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
Dichlorodifluoromethane	75-71-8	0.636	U		0.730	5.00	0.636	ug/Kg	55984	02/03/2011 18:18	1	SG
Ethyl acetate	141-78-6	1.04	U		1.20	5.00	1.04	ug/Kg	55984	02/03/2011 18:18	1	SG
Ethyl ether	60-29-7	0.174	U		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
Ethyl methacrylate	97-63-2	0.444	U	UJ	0.510	5.00	0.444	ug/Kg	55984	02/03/2011 18:18	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-2

Lab Sample ID: 560-24119-13 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.192	U	UJ	0.220	5.00	0.192	ug/Kg	55984	02/03/2011 18:18	1	SG
Ethylene Dibromide	106-93-4	0.174	U		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
Iodomethane	74-88-4	0.697	U		0.800	5.00	0.697	ug/Kg	55984	02/03/2011 18:18	1	SG
Methyl methacrylate	80-62-6	0.958	U		1.10	5.00	0.958	ug/Kg	55984	02/03/2011 18:18	1	SG
Methyl tert-butyl ether	1634-04-4	0.531	U		0.610	5.00	0.531	ug/Kg	55984	02/03/2011 18:18	1	SG
Methylene Chloride	75-09-2	4.35	U		5.00	25.0	4.35	ug/Kg	55984	02/03/2011 18:18	1	SG
Styrene	100-42-5	0.174	U		0.200	5.00	0.174	ug/Kg	55984	02/03/2011 18:18	1	SG
Tetrachloroethene	127-18-4	0.644	U	UJ	0.740	5.00	0.644	ug/Kg	55984	02/03/2011 18:18	1	SG
Toluene	108-88-3	0.538	J		0.560	5.00	0.488	ug/Kg	55984	02/03/2011 18:18	1	SG
trans-1,2-Dichloroethene	156-60-5	0.435	U	UJ	0.500	5.00	0.435	ug/Kg	55984	02/03/2011 18:18	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.453	U		0.520	5.00	0.453	ug/Kg	55984	02/03/2011 18:18	1	SG
Trichloroethene	79-01-6	0.244	U		0.280	5.00	0.244	ug/Kg	55984	02/03/2011 18:18	1	SG
Trichlorofluoromethane	75-69-4	0.435	U		0.500	5.00	0.435	ug/Kg	55984	02/03/2011 18:18	1	SG
Vinyl acetate	108-05-4	0.958	U		1.10	5.00	0.958	ug/Kg	55984	02/03/2011 18:18	1	SG
Vinyl chloride	75-01-4	0.522	U	UJ	0.600	5.00	0.522	ug/Kg	55984	02/03/2011 18:18	1	SG
Xylenes, Total	1330-20-7	0.621	J		0.360	15.0	0.313	ug/Kg	55984	02/03/2011 18:18	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	FD	46.5	43.5	107	69-136		VGCMS#3	55995	02/03/2011 18:18	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	FD	40.0	43.5	92	56-129		VGCMS#3	55995	02/03/2011 18:18	1	SG
Dibromofluoromethane (Surr)	1868-53-7	FD	43.6	43.5	100	63-135		VGCMS#3	55995	02/03/2011 18:18	1	SG
Toluene-d8 (Surr)	2037-26-5	FD	43.5	43.5	100	66-124		VGCMS#3	55995	02/03/2011 18:18	1	SG

S. Chatte
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-2

Lab Sample ID: 560-24119-13 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	49.2	U		45.7	330	49.2	ug/Kg	55757	01/27/2011 22:51	1	GEF
1,2-Dichlorobenzene	95-50-1	56.1	U		52.1	330	56.1	ug/Kg	55757	01/27/2011 22:51	1	GEF
1,3-Dichlorobenzene	541-73-1	47.2	U		43.8	330	47.2	ug/Kg	55757	01/27/2011 22:51	1	GEF
1,4-Dichlorobenzene	106-46-7	49.3	U		45.8	330	49.3	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,4-Dichlorophenol	120-83-2	24.6	U		22.8	330	24.6	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,4-Dimethylphenol	105-67-9	22.0	U		20.4	330	22.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,4-Dinitrophenol	51-28-5	108	U		100	330	108	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,4-Dinitrotoluene	121-14-2	53.9	U		50.0	330	53.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
2,6-Dinitrotoluene	606-20-2	53.9	U		50.0	330	53.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
2-Chloronaphthalene	91-58-7	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
2-Chlorophenol	95-57-8	29.9	U		27.8	330	29.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
2-Methylnaphthalene	91-57-6	33.5	U		31.1	330	33.5	ug/Kg	55757	01/27/2011 22:51	1	GEF
2-Methylphenol	95-48-7	35.5	U		33.0	330	35.5	ug/Kg	55757	01/27/2011 22:51	1	GEF
2-Nitroaniline	88-74-4	23.9	U		22.2	330	23.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
2-Nitrophenol	88-75-5	18.3	U		17.0	330	18.3	ug/Kg	55757	01/27/2011 22:51	1	GEF
3 & 4 Methylphenol	15831-10-4	53.9	U		50.0	670	53.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
3,3'-Dichlorobenzidine	91-94-1	180	U		167	330	180	ug/Kg	55757	01/27/2011 22:51	1	GEF
3-Nitroaniline	99-09-2	108	U		100	330	108	ug/Kg	55757	01/27/2011 22:51	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	53.9	U		50.0	330	53.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
4-Chloroaniline	106-47-8	108	U		100	330	108	ug/Kg	55757	01/27/2011 22:51	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
4-Nitroaniline	100-01-6	108	U		100	330	108	ug/Kg	55757	01/27/2011 22:51	1	GEF
4-Nitrophenol	100-02-7	108	U		100	330	108	ug/Kg	55757	01/27/2011 22:51	1	GEF
Acenaphthene	83-32-9	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Acenaphthylene	208-96-8	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Anthracene	120-12-7	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Benzo[a]anthracene	56-55-3	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Benzo[a]pyrene	50-32-8	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Benzo[b]fluoranthene	205-99-2	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-2

Lab Sample ID: 560-24119-13 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.3	J		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Benzo[k]fluoranthene	207-08-9	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Benzyl alcohol	100-51-6	26.4	U		24.5	330	26.4	ug/Kg	55757	01/27/2011 22:51	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Bis(2-chloroethyl)ether	111-44-4	40.3	U		37.4	330	40.3	ug/Kg	55757	01/27/2011 22:51	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	167	U	b	16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Butyl benzyl phthalate	85-68-7	89.8	J		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Chrysene	218-01-9	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Di-n-butyl phthalate	84-74-2	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Di-n-octyl phthalate	117-84-0	20.1	U		18.7	330	20.1	ug/Kg	55757	01/27/2011 22:51	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Dibenzofuran	132-64-9	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Diethyl phthalate	84-66-2	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Dimethyl phthalate	131-11-3	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Fluoranthene	206-44-0	19.5	J		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Fluorene	86-73-7	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Hexachlorobenzene	118-74-1	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Hexachlorobutadiene	87-68-3	48.2	U		44.7	330	48.2	ug/Kg	55757	01/27/2011 22:51	1	GEF
Hexachlorocyclopentadiene	77-47-4	53.9	U		50.0	330	53.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
Hexachloroethane	67-72-1	54.0	U		50.1	330	54.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Isophorone	78-59-1	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Naphthalene	91-20-3	44.9	U		41.7	330	44.9	ug/Kg	55757	01/27/2011 22:51	1	GEF
Nitrobenzene	98-95-3	39.2	U		36.4	330	39.2	ug/Kg	55757	01/27/2011 22:51	1	GEF
Pentachlorophenol	87-86-5	108	U		100	330	108	ug/Kg	55757	01/27/2011 22:51	1	GEF
Phenanthrene	85-01-8	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Phenol	108-95-2	18.0	U		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF
Pyrene	129-00-0	18.1	J		16.7	330	18.0	ug/Kg	55757	01/27/2011 22:51	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6	FD	5090	5390	95	65-120		SVGCMS#3	55726	01/27/2011 22:51	1	GEF
2-Fluorobiphenyl	321-60-8	FD	2890	3590	80	64-120		SVGCMS#3	55726	01/27/2011 22:51	1	GEF
2-Fluorophenol	367-12-4	FD	3550	5390	66	53-120		SVGCMS#3	55726	01/27/2011 22:51	1	GEF
Nitrobenzene-d5	4165-60-0	FD	2500	3590	70	55-120		SVGCMS#3	55726	01/27/2011 22:51	1	GEF
Phenol-d5	4165-62-2	FD	3940	5390	73	59-120		SVGCMS#3	55726	01/27/2011 22:51	1	GEF
Terphenyl-d14	1718-51-0	FD	2950	3590	82	67-120		SVGCMS#3	55726	01/27/2011 22:51	1	GEF

S. Chafte
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-2

Lab Sample ID: 560-24119-13 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.8	U		10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:24	1	SG
C6-C35	STL00006	111			10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:24	1	SG
Over C12-C28	STL00035	60.9			10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:24	1	SG
Over C28-C35	STL00147	50.3	J		10.0	50.0	10.8	mg/Kg	55628	01/25/2011 15:24	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3	FD	290	270	107	70-130		SVGC#4	55606	01/25/2011 15:24	1	SG
o-Terphenyl	84-15-1	FD	308	270	114	70-130		SVGC#4	55606	01/25/2011 15:24	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-3

Lab Sample ID: 560-24119-14 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55919	02/01/2011 08:47		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	9.1			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.80			0.0499	0.250	0.0480	mg/Kg	55875	01/31/2011 21:05	1	EDR
Barium	7440-39-3	27.3			0.109	0.250	0.105	mg/Kg	55875	01/31/2011 21:05	1	EDR
Cadmium	7440-43-9	0.0694	U		0.0721	0.250	0.0694	mg/Kg	55875	01/31/2011 21:05	1	EDR
Chromium	7440-47-3	3.20			0.112	0.250	0.108	mg/Kg	55875	01/31/2011 21:05	1	EDR
Lead	7439-92-1	3.28			0.205	0.500	0.197	mg/Kg	55875	01/31/2011 21:05	1	EDR
Selenium	7782-49-2	0.175	J U	b	0.0435	0.250	0.0418	mg/Kg	55875	01/31/2011 21:05	1	EDR
Silver	7440-22-4	0.0660	U		0.0686	0.250	0.0660	mg/Kg	55875	01/31/2011 21:05	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0137	U		0.0180	0.200	0.0137	mg/Kg	55715	01/26/2011 13:11	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.651	U		0.700	5.00	0.651	ug/Kg	55888	02/01/2011 16:57	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.354	U		0.380	5.00	0.354	ug/Kg	55888	02/01/2011 16:57	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.623	U		0.670	5.00	0.623	ug/Kg	55888	02/01/2011 16:57	1	SG
1,1,2-Trichloroethane	79-00-5	0.465	U		0.500	5.00	0.465	ug/Kg	55888	02/01/2011 16:57	1	SG
1,1-Dichloroethane	75-34-3	0.549	U		0.590	5.00	0.549	ug/Kg	55888	02/01/2011 16:57	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-3

Lab Sample ID: 560-24119-14 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	4.39	J		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
1,1-Dichloropropene	563-58-6	0.484	U		0.520	5.00	0.484	ug/Kg	55888	02/01/2011 16:57	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.409	U		0.440	5.00	0.409	ug/Kg	55888	02/01/2011 16:57	1	SG
1,2,3-Trichloropropane	96-18-4	0.707	U		0.760	5.00	0.707	ug/Kg	55888	02/01/2011 16:57	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.413	J		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
1,2-Dichloroethane	107-06-2	0.484	U		0.520	5.00	0.484	ug/Kg	55888	02/01/2011 16:57	1	SG
1,2-Dichloropropane	78-87-5	0.186	U		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.195	U		0.210	5.00	0.195	ug/Kg	55888	02/01/2011 16:57	1	SG
1,3-Dichloropropane	142-28-9	0.223	U		0.240	5.00	0.223	ug/Kg	55888	02/01/2011 16:57	1	SG
1,4-Dioxane	123-91-1	37.2	U		40.0	100	37.2	ug/Kg	55888	02/01/2011 16:57	1	SG
2,2-Dichloropropane	594-20-7	0.781	U		0.840	5.00	0.781	ug/Kg	55888	02/01/2011 16:57	1	SG
2-Butanone (MEK)	78-93-3	0.930	U		1.00	5.00	0.930	ug/Kg	55888	02/01/2011 16:57	1	SG
2-Hexanone	591-78-6	1.12	U		1.20	5.00	1.12	ug/Kg	55888	02/01/2011 16:57	1	SG
2-Nitropropane	79-46-9	0.484	U		0.520	5.00	0.484	ug/Kg	55888	02/01/2011 16:57	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.865	U		0.930	5.00	0.865	ug/Kg	55888	02/01/2011 16:57	1	SG
Acetone	67-64-1	6.70	U		7.20	25.0	6.70	ug/Kg	55888	02/01/2011 16:57	1	SG
Acetonitrile	75-05-8	34.4	U		37.0	50.0	34.4	ug/Kg	55888	02/01/2011 16:57	1	SG
Benzene	71-43-2	0.214	U		0.230	5.00	0.214	ug/Kg	55888	02/01/2011 16:57	1	SG
Bromoform	75-25-2	0.474	U		0.510	5.00	0.474	ug/Kg	55888	02/01/2011 16:57	1	SG
Bromomethane	74-83-9	1.02	U		1.10	5.00	1.02	ug/Kg	55888	02/01/2011 16:57	1	SG
Carbon disulfide	75-15-0	0.679	U		0.730	5.00	0.679	ug/Kg	55888	02/01/2011 16:57	1	SG
Carbon tetrachloride	56-23-5	0.474	U		0.510	5.00	0.474	ug/Kg	55888	02/01/2011 16:57	1	SG
Chlorobenzene	108-90-7	0.214	U		0.230	5.00	0.214	ug/Kg	55888	02/01/2011 16:57	1	SG
Chlorodibromomethane	124-48-1	0.595	U		0.640	5.00	0.595	ug/Kg	55888	02/01/2011 16:57	1	SG
Chloroethane	75-00-3	0.242	U		0.260	5.00	0.242	ug/Kg	55888	02/01/2011 16:57	1	SG
Chloroform	67-66-3	0.809	U		0.870	5.00	0.809	ug/Kg	55888	02/01/2011 16:57	1	SG
Chloromethane	74-87-3	1.12	U		1.20	5.00	1.12	ug/Kg	55888	02/01/2011 16:57	1	SG
cis-1,2-Dichloroethene	156-59-2	0.530	U		0.570	5.00	0.530	ug/Kg	55888	02/01/2011 16:57	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.186	U		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
Dibromomethane	74-95-3	0.661	U		0.710	5.00	0.661	ug/Kg	55888	02/01/2011 16:57	1	SG
Dichlorobromomethane	75-27-4	0.186	U		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
Dichlorodifluoromethane	75-71-8	0.679	U		0.730	5.00	0.679	ug/Kg	55888	02/01/2011 16:57	1	SG
Ethyl acetate	141-78-6	1.12	U		1.20	5.00	1.12	ug/Kg	55888	02/01/2011 16:57	1	SG
Ethyl ether	60-29-7	0.186	U		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
Ethyl methacrylate	97-63-2	0.474	U		0.510	5.00	0.474	ug/Kg	55888	02/01/2011 16:57	1	SG

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-3

Lab Sample ID: 560-24119-14 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.205	U		0.220	5.00	0.205	ug/Kg	55888	02/01/2011 16:57	1	SG
Ethylene Dibromide	106-93-4	0.186	U		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
Iodomethane	74-88-4	0.744	U		0.800	5.00	0.744	ug/Kg	55888	02/01/2011 16:57	1	SG
Methyl methacrylate	80-62-6	1.02	U		1.10	5.00	1.02	ug/Kg	55888	02/01/2011 16:57	1	SG
Methyl tert-butyl ether	1634-04-4	0.567	U		0.610	5.00	0.567	ug/Kg	55888	02/01/2011 16:57	1	SG
Methylene Chloride	75-09-2	4.65	U		5.00	25.0	4.65	ug/Kg	55888	02/01/2011 16:57	1	SG
Styrene	100-42-5	0.186	U		0.200	5.00	0.186	ug/Kg	55888	02/01/2011 16:57	1	SG
Tetrachloroethene	127-18-4	0.688	U		0.740	5.00	0.688	ug/Kg	55888	02/01/2011 16:57	1	SG
Toluene	108-88-3	0.521	U		0.560	5.00	0.521	ug/Kg	55888	02/01/2011 16:57	1	SG
trans-1,2-Dichloroethene	156-60-5	0.465	U		0.500	5.00	0.465	ug/Kg	55888	02/01/2011 16:57	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.484	U		0.520	5.00	0.484	ug/Kg	55888	02/01/2011 16:57	1	SG
Trichloroethene	79-01-6	0.260	U		0.280	5.00	0.260	ug/Kg	55888	02/01/2011 16:57	1	SG
Trichlorofluoromethane	75-69-4	0.465	U		0.500	5.00	0.465	ug/Kg	55888	02/01/2011 16:57	1	SG
Vinyl acetate	108-05-4	1.02	U		1.10	5.00	1.02	ug/Kg	55888	02/01/2011 16:57	1	SG
Vinyl chloride	75-01-4	0.558	U		0.600	5.00	0.558	ug/Kg	55888	02/01/2011 16:57	1	SG
Xylenes, Total	1330-20-7	0.335	U		0.360	15.0	0.335	ug/Kg	55888	02/01/2011 16:57	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	FD	48.9	46.5	105	69-136		VGCMS#3	55919	02/01/2011 16:57	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	FD	41.7	46.5	90	56-129		VGCMS#3	55919	02/01/2011 16:57	1	SG
Dibromofluoromethane (Surr)	1868-53-7	FD	48.1	46.5	103	63-135		VGCMS#3	55919	02/01/2011 16:57	1	SG
Toluene-d8 (Surr)	2037-26-5	FD	48.6	46.5	104	66-124		VGCMS#3	55919	02/01/2011 16:57	1	SG

S. Chanel
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-3

Lab Sample ID: 560-24119-14 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	50.2	U		45.7	330	50.2	ug/Kg	55757	01/27/2011 23:16	1	GEF
1,2-Dichlorobenzene	95-50-1	57.3	U		52.1	330	57.3	ug/Kg	55757	01/27/2011 23:16	1	GEF
1,3-Dichlorobenzene	541-73-1	48.1	U		43.8	330	48.1	ug/Kg	55757	01/27/2011 23:16	1	GEF
1,4-Dichlorobenzene	106-46-7	50.3	U		45.8	330	50.3	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,4-Dichlorophenol	120-83-2	25.1	U		22.8	330	25.1	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,4-Dimethylphenol	105-67-9	22.4	U		20.4	330	22.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,4-Dinitrophenol	51-28-5	110	U		100	330	110	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,4-Dinitrotoluene	121-14-2	54.9	U		50.0	330	54.9	ug/Kg	55757	01/27/2011 23:16	1	GEF
2,6-Dinitrotoluene	606-20-2	54.9	U		50.0	330	54.9	ug/Kg	55757	01/27/2011 23:16	1	GEF
2-Chloronaphthalene	91-58-7	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
2-Chlorophenol	95-57-8	30.5	U		27.8	330	30.5	ug/Kg	55757	01/27/2011 23:16	1	GEF
2-Methylnaphthalene	91-57-6	34.2	U		31.1	330	34.2	ug/Kg	55757	01/27/2011 23:16	1	GEF
2-Methylphenol	95-48-7	36.3	U		33.0	330	36.3	ug/Kg	55757	01/27/2011 23:16	1	GEF
2-Nitroaniline	88-74-4	24.4	U		22.2	330	24.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
2-Nitrophenol	88-75-5	18.7	U		17.0	330	18.7	ug/Kg	55757	01/27/2011 23:16	1	GEF
3 & 4 Methylphenol	15831-10-4	54.9	U		50.0	670	54.9	ug/Kg	55757	01/27/2011 23:16	1	GEF
3,3'-Dichlorobenzidine	91-94-1	184	U		167	330	184	ug/Kg	55757	01/27/2011 23:16	1	GEF
3-Nitroaniline	99-09-2	110	U		100	330	110	ug/Kg	55757	01/27/2011 23:16	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	54.9	U		50.0	330	54.9	ug/Kg	55757	01/27/2011 23:16	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
4-Chloroaniline	106-47-8	110	U		100	330	110	ug/Kg	55757	01/27/2011 23:16	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
4-Nitroaniline	100-01-6	110	U		100	330	110	ug/Kg	55757	01/27/2011 23:16	1	GEF
4-Nitrophenol	100-02-7	110	U		100	330	110	ug/Kg	55757	01/27/2011 23:16	1	GEF
Acenaphthene	83-32-9	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Acenaphthylene	208-96-8	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Anthracene	120-12-7	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Benzo[a]anthracene	56-55-3	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Benzo[a]pyrene	50-32-8	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Benzo[b]fluoranthene	205-99-2	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-3

Lab Sample ID: 560-24119-14 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Benzo[k]fluoranthene	207-08-9	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Benzyl alcohol	100-51-6	26.9	U		24.5	330	26.9	ug/Kg	55757	01/27/2011 23:16	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.1	U		37.4	330	41.1	ug/Kg	55757	01/27/2011 23:16	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	49.9	U	b	16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Butyl benzyl phthalate	85-68-7	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Chrysene	218-01-9	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Di-n-butyl phthalate	84-74-2	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Di-n-octyl phthalate	117-84-0	20.5	U		18.7	330	20.5	ug/Kg	55757	01/27/2011 23:16	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Dibenzofuran	132-64-9	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Diethyl phthalate	84-66-2	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Dimethyl phthalate	131-11-3	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Fluoranthene	206-44-0	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Fluorene	86-73-7	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Hexachlorobenzene	118-74-1	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Hexachlorobutadiene	87-68-3	49.1	U		44.7	330	49.1	ug/Kg	55757	01/27/2011 23:16	1	GEF
Hexachlorocyclopentadiene	77-47-4	54.9	U		50.0	330	54.9	ug/Kg	55757	01/27/2011 23:16	1	GEF
Hexachloroethane	67-72-1	55.1	U		50.1	330	55.1	ug/Kg	55757	01/27/2011 23:16	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Isophorone	78-59-1	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Naphthalene	91-20-3	45.8	U		41.7	330	45.8	ug/Kg	55757	01/27/2011 23:16	1	GEF
Nitrobenzene	98-95-3	40.0	U		36.4	330	40.0	ug/Kg	55757	01/27/2011 23:16	1	GEF
Pentachlorophenol	87-86-5	110	U		100	330	110	ug/Kg	55757	01/27/2011 23:16	1	GEF
Phenanthrene	85-01-8	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Phenol	108-95-2	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF
Pyrene	129-00-0	18.4	U		16.7	330	18.4	ug/Kg	55757	01/27/2011 23:16	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6	FD	4920	5490	90	65-120		SVGCMS# 3	55726	01/27/2011 23:16	1	GEF
2-Fluorobiphenyl	321-60-8	FD	2740	3660	75	64-120		SVGCMS# 3	55726	01/27/2011 23:16	1	GEF
2-Fluorophenol	367-12-4	FD	3670	5490	67	53-120		SVGCMS# 3	55726	01/27/2011 23:16	1	GEF
Nitrobenzene-d5	4165-60-0	FD	2580	3660	70	55-120		SVGCMS# 3	55726	01/27/2011 23:16	1	GEF
Phenol-d5	4165-62-2	FD	3970	5490	72	59-120		SVGCMS# 3	55726	01/27/2011 23:16	1	GEF
Terphenyl-d14	1718-51-0	FD	2930	3660	80	67-120		SVGCMS# 3	55726	01/27/2011 23:16	1	GEF

S. Chaile

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-3

Lab Sample ID: 560-24119-14 FD
Client Matrix: Solid

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.0	U		10.0	50.0	11.0	mg/Kg	55628	01/25/2011 15:33	1	SG
C6-C35	STL00006	11.0	U		10.0	50.0	11.0	mg/Kg	55628	01/25/2011 15:33	1	SG
Over C12-C28	STL00035	11.0	U		10.0	50.0	11.0	mg/Kg	55628	01/25/2011 15:33	1	SG
Over C28-C35	STL00147	11.0	U		10.0	50.0	11.0	mg/Kg	55628	01/25/2011 15:33	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3	FD	296	274	108	70-130		SVGC#4	55606	01/25/2011 15:33	1	SG
o-Terphenyl	84-15-1	FD	318	274	116	70-130		SVGC#4	55606	01/25/2011 15:33	1	SG

S. Chaite
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-B

Lab Sample ID: 560-24119-15 TB
Client Matrix: Water

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 5030B,Water												
Purge and Trap		Complete								01/25/2011 19:40		
Method: SW846 8260B,Water												
1,1,1-Trichloroethane	71-55-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.278	U		0.278	1.00	0.278	ug/L	55630	01/25/2011 19:40	1	SG
1,1,2-Trichloroethane	79-00-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,1-Dichloroethane	75-34-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,1-Dichloroethene	75-35-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,1-Dichloropropene	563-58-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.217	U		0.217	5.00	0.217	ug/L	55630	01/25/2011 19:40	1	SG
1,2,3-Trichloropropane	96-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,2-Dichloroethane	107-06-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,2-Dichloropropane	78-87-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,3-Dichloropropane	142-28-9	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
1,4-Dioxane	123-91-1	7.46	U		7.46	100	7.46	ug/L	55630	01/25/2011 19:40	1	SG
2,2-Dichloropropane	594-20-7	0.335	U		0.335	1.00	0.335	ug/L	55630	01/25/2011 19:40	1	SG
2-Butanone (MEK)	78-93-3	0.474	U		0.474	5.00	0.474	ug/L	55630	01/25/2011 19:40	1	SG
2-Hexanone	591-78-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
2-Nitropropane	79-46-9	0.225	U		0.225	5.00	0.225	ug/L	55630	01/25/2011 19:40	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Acetone	67-64-1	5.00	U		5.00	10.0	5.00	ug/L	55630	01/25/2011 19:40	1	SG
Acetonitrile	75-05-8	2.16	U		2.16	50.0	2.16	ug/L	55630	01/25/2011 19:40	1	SG
Benzene	71-43-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Bromoform	75-25-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Bromomethane	74-83-9	0.392	U		0.392	5.00	0.392	ug/L	55630	01/25/2011 19:40	1	SG
Carbon disulfide	75-15-0	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Carbon tetrachloride	56-23-5	0.251	U		0.251	1.00	0.251	ug/L	55630	01/25/2011 19:40	1	SG
Chlorobenzene	108-90-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Chlorodibromomethane	124-48-1	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 19:40	1	SG
Chloroethane	75-00-3	0.400	U		0.400	5.00	0.400	ug/L	55630	01/25/2011 19:40	1	SG

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-B

Lab Sample ID: 560-24119-15 TB
Client Matrix: Water

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Chloroform	67-66-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Chloromethane	74-87-3	0.390	U		0.390	5.00	0.390	ug/L	55630	01/25/2011 19:40	1	SG
cis-1,2-Dichloroethene	156-59-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Dibromomethane	74-95-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Dichlorobromomethane	75-27-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Dichlorodifluoromethane	75-71-8	0.429	U		0.429	5.00	0.429	ug/L	55630	01/25/2011 19:40	1	SG
Ethyl acetate	141-78-6	0.300	U		0.300	5.00	0.300	ug/L	55630	01/25/2011 19:40	1	SG
Ethyl ether	60-29-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Ethyl methacrylate	97-63-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Ethylbenzene	100-41-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Ethylene Dibromide	106-93-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Iodomethane	74-88-4	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 19:40	1	SG
Methyl methacrylate	80-62-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Methyl tert-butyl ether	1634-04-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Methylene Chloride	75-09-2	1.20	U		1.20	5.00	1.20	ug/L	55630	01/25/2011 19:40	1	SG
Styrene	100-42-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Tetrachloroethene	127-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Toluene	108-88-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
trans-1,2-Dichloroethene	156-60-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Trichloroethene	79-01-6	0.317	U		0.317	1.00	0.317	ug/L	55630	01/25/2011 19:40	1	SG
Trichlorofluoromethane	75-69-4	0.244	U		0.244	1.00	0.244	ug/L	55630	01/25/2011 19:40	1	SG
Vinyl acetate	108-05-4	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Vinyl chloride	75-01-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 19:40	1	SG
Xylenes, Total	1330-20-7	0.226	U		0.226	3.00	0.226	ug/L	55630	01/25/2011 19:40	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	TB	50.6	50.0	101	75-123		VGCMS#1		01/25/2011 19:40	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	TB	50.3	50.0	101	80-120		VGCMS#1		01/25/2011 19:40	1	SG
Dibromofluoromethane (Surr)	1868-53-7	TB	51.3	50.0	103	75-126		VGCMS#1		01/25/2011 19:40	1	SG
Toluene-d8 (Surr)	2037-26-5	TB	47.2	50.0	94	80-120		VGCMS#1		01/25/2011 19:40	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-0-0.5

Lab Sample ID: 560-24119-16
Client Matrix: Solid

Date Sampled: 01/20/2011 10:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.03			0.0499	0.250	0.0504	mg/Kg	55875	01/31/2011 21:11	1	EDR
Barium	7440-39-3	115			0.109	0.250	0.110	mg/Kg	55875	01/31/2011 21:11	1	EDR
Cadmium	7440-43-9	0.0835	J		0.0721	0.250	0.0728	mg/Kg	55875	01/31/2011 21:11	1	EDR
Chromium	7440-47-3	6.44			0.112	0.250	0.113	mg/Kg	55875	01/31/2011 21:11	1	EDR
Lead	7439-92-1	8.79			0.205	0.500	0.207	mg/Kg	55875	01/31/2011 21:11	1	EDR
Selenium	7782-49-2	0.622	J	b	0.0435	0.250	0.0439	mg/Kg	55875	01/31/2011 21:11	1	EDR
Silver	7440-22-4	0.0693	U		0.0686	0.250	0.0693	mg/Kg	55875	01/31/2011 21:11	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0148	U		0.0180	0.200	0.0148	mg/Kg	55715	01/26/2011 13:14	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.883	U	UJ	0.700	5.00	0.883	ug/Kg	55984	02/03/2011 18:45	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.479	U		0.380	5.00	0.479	ug/Kg	55984	02/03/2011 18:45	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.845	U		0.670	5.00	0.845	ug/Kg	55984	02/03/2011 18:45	1	SG
1,1,2-Trichloroethane	79-00-5	0.631	U		0.500	5.00	0.631	ug/Kg	55984	02/03/2011 18:45	1	SG
1,1-Dichloroethane	75-34-3	0.744	U	UJ	0.590	5.00	0.744	ug/Kg	55984	02/03/2011 18:45	1	SG

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Form 6 Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-0-0.5

Lab Sample ID: 560-24119-16
Client Matrix: Solid

Date Sampled: 01/20/2011 10:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.02	J		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
1,1-Dichloropropene	563-58-6	0.656	U	UJ	0.520	5.00	0.656	ug/Kg	55984	02/03/2011 18:45	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.555	U		0.440	5.00	0.555	ug/Kg	55984	02/03/2011 18:45	1	SG
1,2,3-Trichloropropane	96-18-4	0.959	U		0.760	5.00	0.959	ug/Kg	55984	02/03/2011 18:45	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.252	U		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
1,2-Dichloroethane	107-06-2	0.656	U		0.520	5.00	0.656	ug/Kg	55984	02/03/2011 18:45	1	SG
1,2-Dichloropropane	78-87-5	0.252	U		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.265	U		0.210	5.00	0.265	ug/Kg	55984	02/03/2011 18:45	1	SG
1,3-Dichloropropane	142-28-9	0.303	U		0.240	5.00	0.303	ug/Kg	55984	02/03/2011 18:45	1	SG
1,4-Dioxane	123-91-1	50.5	U		40.0	100	50.5	ug/Kg	55984	02/03/2011 18:45	1	SG
2,2-Dichloropropane	594-20-7	1.06	U		0.840	5.00	1.06	ug/Kg	55984	02/03/2011 18:45	1	SG
2-Butanone (MEK)	78-93-3	1.26	U		1.00	5.00	1.26	ug/Kg	55984	02/03/2011 18:45	1	SG
2-Hexanone	591-78-6	1.51	U	*	1.20	5.00	1.51	ug/Kg	55984	02/03/2011 18:45	1	SG
2-Nitropropane	79-46-9	0.656	U	*	0.520	5.00	0.656	ug/Kg	55984	02/03/2011 18:45	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.17	U	*	0.930	5.00	1.17	ug/Kg	55984	02/03/2011 18:45	1	SG
Acetone	67-64-1	9.08	U		7.20	25.0	9.08	ug/Kg	55984	02/03/2011 18:45	1	SG
Acetonitrile	75-05-8	46.7	U		37.0	50.0	46.7	ug/Kg	55984	02/03/2011 18:45	1	SG
Benzene	71-43-2	0.290	U		0.230	5.00	0.290	ug/Kg	55984	02/03/2011 18:45	1	SG
Bromoform	75-25-2	0.643	U		0.510	5.00	0.643	ug/Kg	55984	02/03/2011 18:45	1	SG
Bromomethane	74-83-9	1.39	U		1.10	5.00	1.39	ug/Kg	55984	02/03/2011 18:45	1	SG
Carbon disulfide	75-15-0	0.921	U		0.730	5.00	0.921	ug/Kg	55984	02/03/2011 18:45	1	SG
Carbon tetrachloride	56-23-5	0.643	U		0.510	5.00	0.643	ug/Kg	55984	02/03/2011 18:45	1	SG
Chlorobenzene	108-90-7	0.290	U		0.230	5.00	0.290	ug/Kg	55984	02/03/2011 18:45	1	SG
Chlorodibromomethane	124-48-1	0.807	U		0.640	5.00	0.807	ug/Kg	55984	02/03/2011 18:45	1	SG
Chloroethane	75-00-3	0.328	U		0.260	5.00	0.328	ug/Kg	55984	02/03/2011 18:45	1	SG
Chloroform	67-66-3	1.10	U		0.870	5.00	1.10	ug/Kg	55984	02/03/2011 18:45	1	SG
Chloromethane	74-87-3	1.51	U		1.20	5.00	1.51	ug/Kg	55984	02/03/2011 18:45	1	SG
cis-1,2-Dichloroethene	156-59-2	0.719	U		0.570	5.00	0.719	ug/Kg	55984	02/03/2011 18:45	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.252	U		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
Dibromomethane	74-95-3	0.896	U		0.710	5.00	0.896	ug/Kg	55984	02/03/2011 18:45	1	SG
Dichlorobromomethane	75-27-4	0.252	U		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
Dichlorodifluoromethane	75-71-8	0.921	U		0.730	5.00	0.921	ug/Kg	55984	02/03/2011 18:45	1	SG
Ethyl acetate	141-78-6	1.51	U		1.20	5.00	1.51	ug/Kg	55984	02/03/2011 18:45	1	SG
Ethyl ether	60-29-7	0.252	U		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
Ethyl methacrylate	97-63-2	0.643	U	UJ	0.510	5.00	0.643	ug/Kg	55984	02/03/2011 18:45	1	SG

Ethyl benzene

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-0-0.5

Lab Sample ID: 560-24119-16
Client Matrix: Solid

Date Sampled: 01/20/2011 10:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.278	U	UJ	0.220	5.00	0.278	ug/Kg	55984	02/03/2011 18:45	1	SG
Ethylene Dibromide	106-93-4	0.252	U		0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
Iodomethane	74-88-4	1.01	U		0.800	5.00	1.01	ug/Kg	55984	02/03/2011 18:45	1	SG
Methyl methacrylate	80-62-6	1.39	U		1.10	5.00	1.39	ug/Kg	55984	02/03/2011 18:45	1	SG
Methyl tert-butyl ether	1634-04-4	0.770	U		0.610	5.00	0.770	ug/Kg	55984	02/03/2011 18:45	1	SG
Methylene Chloride	75-09-2	6.31	U		5.00	25.0	6.31	ug/Kg	55984	02/03/2011 18:45	1	SG
Styrene	100-42-5	0.252	U	UJ	0.200	5.00	0.252	ug/Kg	55984	02/03/2011 18:45	1	SG
Tetrachloroethene	127-18-4	2.50	J		0.740	5.00	0.934	ug/Kg	55984	02/03/2011 18:45	1	SG
Toluene	108-88-3	0.706	U		0.560	5.00	0.706	ug/Kg	55984	02/03/2011 18:45	1	SG
trans-1,2-Dichloroethene	156-60-5	0.631	U		0.500	5.00	0.631	ug/Kg	55984	02/03/2011 18:45	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.656	U		0.520	5.00	0.656	ug/Kg	55984	02/03/2011 18:45	1	SG
Trichloroethene	79-01-6	0.353	U		0.280	5.00	0.353	ug/Kg	55984	02/03/2011 18:45	1	SG
Trichlorofluoromethane	75-69-4	0.631	U		0.500	5.00	0.631	ug/Kg	55984	02/03/2011 18:45	1	SG
Vinyl acetate	108-05-4	1.39	U		1.10	5.00	1.39	ug/Kg	55984	02/03/2011 18:45	1	SG
Vinyl chloride	75-01-4	0.757	U		0.600	5.00	0.757	ug/Kg	55984	02/03/2011 18:45	1	SG
Xylenes, Total	1330-20-7	0.454	U	UJ	0.360	15.0	0.454	ug/Kg	55984	02/03/2011 18:45	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		64.8	63.1	103	69-136		VGCMS#3	55995	02/03/2011 18:45	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		51.6	63.1	82	56-129		VGCMS#3	55995	02/03/2011 18:45	1	SG
Dibromofluoromethane (Surr)	1868-53-7		57.7	63.1	92	63-135		VGCMS#3	55995	02/03/2011 18:45	1	SG
Toluene-d8 (Surr)	2037-26-5		63.9	63.1	101	66-124		VGCMS#3	55995	02/03/2011 18:45	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-0-0.5

Lab Sample ID: 560-24119-16
Client Matrix: Solid

Date Sampled: 01/20/2011 10:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	55.4	U		45.7	330	55.4	ug/Kg	55757	01/27/2011 23:41	1	GEF
1,2-Dichlorobenzene	95-50-1	63.2	U		52.1	330	63.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
1,3-Dichlorobenzene	541-73-1	53.1	U		43.8	330	53.1	ug/Kg	55757	01/27/2011 23:41	1	GEF
1,4-Dichlorobenzene	106-46-7	55.5	U		45.8	330	55.5	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,4-Dichlorophenol	120-83-2	27.6	U		22.8	330	27.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,4-Dimethylphenol	105-67-9	24.7	U		20.4	330	24.7	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,4-Dinitrophenol	51-28-5	121	U		100	330	121	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,4-Dinitrotoluene	121-14-2	60.6	U		50.0	330	60.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
2,6-Dinitrotoluene	606-20-2	60.6	U		50.0	330	60.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
2-Chloronaphthalene	91-58-7	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
2-Chlorophenol	95-57-8	33.7	U		27.8	330	33.7	ug/Kg	55757	01/27/2011 23:41	1	GEF
2-Methylnaphthalene	91-57-6	37.7	U		31.1	330	37.7	ug/Kg	55757	01/27/2011 23:41	1	GEF
2-Methylphenol	95-48-7	40.0	U		33.0	330	40.0	ug/Kg	55757	01/27/2011 23:41	1	GEF
2-Nitroaniline	88-74-4	26.9	U		22.2	330	26.9	ug/Kg	55757	01/27/2011 23:41	1	GEF
2-Nitrophenol	88-75-5	20.6	U		17.0	330	20.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
3 & 4 Methylphenol	15831-10-4	60.6	U		50.0	670	60.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
3,3'-Dichlorobenzidine	91-94-1	202	U		167	330	202	ug/Kg	55757	01/27/2011 23:41	1	GEF
3-Nitroaniline	99-09-2	121	U		100	330	121	ug/Kg	55757	01/27/2011 23:41	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	60.6	U		50.0	330	60.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
4-Chloroaniline	106-47-8	121	U		100	330	121	ug/Kg	55757	01/27/2011 23:41	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
4-Nitroaniline	100-01-6	121	U		100	330	121	ug/Kg	55757	01/27/2011 23:41	1	GEF
4-Nitrophenol	100-02-7	121	U		100	330	121	ug/Kg	55757	01/27/2011 23:41	1	GEF
Acenaphthene	83-32-9	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Acenaphthylene	208-96-8	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Anthracene	120-12-7	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Benzo[a]anthracene	56-55-3	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Benzo[a]pyrene	50-32-8	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Benzo[b]fluoranthene	205-99-2	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-0-0.5

Lab Sample ID: 560-24119-16
Client Matrix: Solid

Date Sampled: 01/20/2011 10:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Benzo[k]fluoranthene	207-08-9	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Benzyl alcohol	100-51-6	29.7	U		24.5	330	29.7	ug/Kg	55757	01/27/2011 23:41	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Bis(2-chloroethyl)ether	111-44-4	45.3	U		37.4	330	45.3	ug/Kg	55757	01/27/2011 23:41	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	61.1	U	b	16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Butyl benzyl phthalate	85-68-7	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Chrysene	218-01-9	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Di-n-butyl phthalate	84-74-2	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Di-n-octyl phthalate	117-84-0	22.7	U		18.7	330	22.7	ug/Kg	55757	01/27/2011 23:41	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Dibenzofuran	132-64-9	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Diethyl phthalate	84-66-2	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Dimethyl phthalate	131-11-3	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Fluoranthene	206-44-0	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Fluorene	86-73-7	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Hexachlorobenzene	118-74-1	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Hexachlorobutadiene	87-68-3	54.2	U		44.7	330	54.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Hexachlorocyclopentadiene	77-47-4	60.6	U		50.0	330	60.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
Hexachloroethane	67-72-1	60.7	U		50.1	330	60.7	ug/Kg	55757	01/27/2011 23:41	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Isophorone	78-59-1	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Naphthalene	91-20-3	50.6	U		41.7	330	50.6	ug/Kg	55757	01/27/2011 23:41	1	GEF
Nitrobenzene	98-95-3	44.1	U		36.4	330	44.1	ug/Kg	55757	01/27/2011 23:41	1	GEF
Pentachlorophenol	87-86-5	121	U		100	330	121	ug/Kg	55757	01/27/2011 23:41	1	GEF
Phenanthrene	85-01-8	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Phenol	108-95-2	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF
Pyrene	129-00-0	20.2	U		16.7	330	20.2	ug/Kg	55757	01/27/2011 23:41	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5390	6060	89	65-120		SVGCMS#3	55726	01/27/2011 23:41	1	GEF
2-Fluorobiphenyl	321-60-8		2720	4040	67	64-120		SVGCMS#3	55726	01/27/2011 23:41	1	GEF
2-Fluorophenol	367-12-4		3580	6060	59	53-120		SVGCMS#3	55726	01/27/2011 23:41	1	GEF
Nitrobenzene-d5	4165-60-0		2490	4040	62	55-120		SVGCMS#3	55726	01/27/2011 23:41	1	GEF
Phenol-d5	4165-62-2		3860	6060	64	59-120		SVGCMS#3	55726	01/27/2011 23:41	1	GEF
Terphenyl-d14	1718-51-0		3190	4040	79	67-120		SVGCMS#3	55726	01/27/2011 23:41	1	GEF

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Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-0-0.5

Lab Sample ID: 560-24119-16
Client Matrix: Solid

Date Sampled: 01/20/2011 10:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.1	U UJ		10.0	50.0	12.1	mg/Kg	55628	01/25/2011 15:43	1	SG
C6-C35	STL00006	12.1	U UJ		10.0	50.0	12.1	mg/Kg	55628	01/25/2011 15:43	1	SG
Over C12-C28	STL00035	12.1	U UJ		10.0	50.0	12.1	mg/Kg	55628	01/25/2011 15:43	1	SG
Over C28-C35	STL00147	12.1	U UJ		10.0	50.0	12.1	mg/Kg	55628	01/25/2011 15:43	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		329	302	109	70-130		SVGC#4	55606	01/25/2011 15:43	1	SG
o-Terphenyl	84-15-1		353	302	117	70-130		SVGC#4	55606	01/25/2011 15:43	1	SG

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Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-2-3

Lab Sample ID: 560-24119-17
Client Matrix: Solid

Date Sampled: 01/20/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	18			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.69			0.0499	0.250	0.0487	mg/Kg	55875	01/31/2011 21:16	1	EDR
Barium	7440-39-3	133			0.109	0.250	0.106	mg/Kg	55875	01/31/2011 21:16	1	EDR
Cadmium	7440-43-9	0.121	J		0.0721	0.250	0.0703	mg/Kg	55875	01/31/2011 21:16	1	EDR
Chromium	7440-47-3	6.50			0.112	0.250	0.109	mg/Kg	55875	01/31/2011 21:16	1	EDR
Lead	7439-92-1	14.8			0.205	0.500	0.200	mg/Kg	55875	01/31/2011 21:16	1	EDR
Selenium	7782-49-2	0.705	J	b	0.0435	0.250	0.0424	mg/Kg	55875	01/31/2011 21:16	1	EDR
Silver	7440-22-4	0.0669	U		0.0686	0.250	0.0669	mg/Kg	55875	01/31/2011 21:16	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0116	U		0.0180	0.200	0.0116	mg/Kg	55715	01/26/2011 13:16	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.705	U	UJ	0.700	5.00	0.705	ug/Kg	55984	02/03/2011 19:11	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.383	U	|	0.380	5.00	0.383	ug/Kg	55984	02/03/2011 19:11	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.675	U	|	0.670	5.00	0.675	ug/Kg	55984	02/03/2011 19:11	1	SG
1,1,2-Trichloroethane	79-00-5	0.503	U	|	0.500	5.00	0.503	ug/Kg	55984	02/03/2011 19:11	1	SG
1,1-Dichloroethane	75-34-3	0.594	U	MJ	0.590	5.00	0.594	ug/Kg	55984	02/03/2011 19:11	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-2-3

Lab Sample ID: 560-24119-17
Client Matrix: Solid

Date Sampled: 01/20/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	4.61	J		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
1,1-Dichloropropene	563-58-6	0.524	U UJ		0.520	5.00	0.524	ug/Kg	55984	02/03/2011 19:11	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.443	U UJ		0.440	5.00	0.443	ug/Kg	55984	02/03/2011 19:11	1	SG
1,2,3-Trichloropropane	96-18-4	0.765	U UJ		0.760	5.00	0.765	ug/Kg	55984	02/03/2011 19:11	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.681	J		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
1,2-Dichloroethane	107-06-2	0.524	U UJ		0.520	5.00	0.524	ug/Kg	55984	02/03/2011 19:11	1	SG
1,2-Dichloropropane	78-87-5	0.201	U UJ		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.435	J		0.210	5.00	0.211	ug/Kg	55984	02/03/2011 19:11	1	SG
1,3-Dichloropropane	142-28-9	0.242	U UJ		0.240	5.00	0.242	ug/Kg	55984	02/03/2011 19:11	1	SG
1,4-Dioxane	123-91-1	40.3	U		40.0	100	40.3	ug/Kg	55984	02/03/2011 19:11	1	SG
2,2-Dichloropropane	594-20-7	0.846	U		0.840	5.00	0.846	ug/Kg	55984	02/03/2011 19:11	1	SG
2-Butanone (MEK)	78-93-3	1.01	U		1.00	5.00	1.01	ug/Kg	55984	02/03/2011 19:11	1	SG
2-Hexanone	591-78-6	1.21	U	*	1.20	5.00	1.21	ug/Kg	55984	02/03/2011 19:11	1	SG
2-Nitropropane	79-46-9	0.524	U	*	0.520	5.00	0.524	ug/Kg	55984	02/03/2011 19:11	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.936	U UJ	*	0.930	5.00	0.936	ug/Kg	55984	02/03/2011 19:11	1	SG
Acetone	67-64-1	9.83	J		7.20	25.0	7.25	ug/Kg	55984	02/03/2011 19:11	1	SG
Acetonitrile	75-05-8	37.3	U UJ		37.0	50.0	37.3	ug/Kg	55984	02/03/2011 19:11	1	SG
Benzene	71-43-2	0.232	U		0.230	5.00	0.232	ug/Kg	55984	02/03/2011 19:11	1	SG
Bromoform	75-25-2	0.514	U		0.510	5.00	0.514	ug/Kg	55984	02/03/2011 19:11	1	SG
Bromomethane	74-83-9	1.11	U		1.10	5.00	1.11	ug/Kg	55984	02/03/2011 19:11	1	SG
Carbon disulfide	75-15-0	0.735	U		0.730	5.00	0.735	ug/Kg	55984	02/03/2011 19:11	1	SG
Carbon tetrachloride	56-23-5	0.514	U		0.510	5.00	0.514	ug/Kg	55984	02/03/2011 19:11	1	SG
Chlorobenzene	108-90-7	0.232	U		0.230	5.00	0.232	ug/Kg	55984	02/03/2011 19:11	1	SG
Chlorodibromomethane	124-48-1	0.644	U		0.640	5.00	0.644	ug/Kg	55984	02/03/2011 19:11	1	SG
Chloroethane	75-00-3	0.262	U		0.260	5.00	0.262	ug/Kg	55984	02/03/2011 19:11	1	SG
Chloroform	67-66-3	0.876	U		0.870	5.00	0.876	ug/Kg	55984	02/03/2011 19:11	1	SG
Chloromethane	74-87-3	1.21	U		1.20	5.00	1.21	ug/Kg	55984	02/03/2011 19:11	1	SG
cis-1,2-Dichloroethene	156-59-2	0.574	U		0.570	5.00	0.574	ug/Kg	55984	02/03/2011 19:11	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.201	U		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
Dibromomethane	74-95-3	0.715	U		0.710	5.00	0.715	ug/Kg	55984	02/03/2011 19:11	1	SG
Dichlorobromomethane	75-27-4	0.201	U		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
Dichlorodifluoromethane	75-71-8	0.735	U		0.730	5.00	0.735	ug/Kg	55984	02/03/2011 19:11	1	SG
Ethyl acetate	141-78-6	1.21	U		1.20	5.00	1.21	ug/Kg	55984	02/03/2011 19:11	1	SG
Ethyl ether	60-29-7	0.201	U		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
Ethylmethacrylate	97-63-2	0.514	U UJ		0.510	5.00	0.514	ug/Kg	55984	02/03/2011 19:11	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-2-3

Lab Sample ID: 560-24119-17
Client Matrix: Solid

Date Sampled: 01/20/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.222	U	UJ	0.220	5.00	0.222	ug/Kg	55984	02/03/2011 19:11	1	SG
Ethylene Dibromide	106-93-4	0.201	U		0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
Iodomethane	74-88-4	0.806	U		0.800	5.00	0.806	ug/Kg	55984	02/03/2011 19:11	1	SG
Methyl methacrylate	80-62-6	1.11	U		1.10	5.00	1.11	ug/Kg	55984	02/03/2011 19:11	1	SG
Methyl tert-butyl ether	1634-04-4	0.614	U	UJ	0.610	5.00	0.614	ug/Kg	55984	02/03/2011 19:11	1	SG
Methylene Chloride	75-09-2	7.47	J		5.00	25.0	5.03	ug/Kg	55984	02/03/2011 19:11	1	SG
Styrene	100-42-5	0.201	U	UJ	0.200	5.00	0.201	ug/Kg	55984	02/03/2011 19:11	1	SG
Tetrachloroethene	127-18-4	3.23	J		0.740	5.00	0.745	ug/Kg	55984	02/03/2011 19:11	1	SG
Toluene	108-88-3	0.564	U	UJ	0.560	5.00	0.564	ug/Kg	55984	02/03/2011 19:11	1	SG
trans-1,2-Dichloroethene	156-60-5	0.503	U		0.500	5.00	0.503	ug/Kg	55984	02/03/2011 19:11	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.524	U		0.520	5.00	0.524	ug/Kg	55984	02/03/2011 19:11	1	SG
Trichloroethene	79-01-6	0.282	U		0.280	5.00	0.282	ug/Kg	55984	02/03/2011 19:11	1	SG
Trichlorofluoromethane	75-69-4	0.503	U		0.500	5.00	0.503	ug/Kg	55984	02/03/2011 19:11	1	SG
Vinyl acetate	108-05-4	1.11	U		1.10	5.00	1.11	ug/Kg	55984	02/03/2011 19:11	1	SG
Vinyl chloride	75-01-4	0.604	U		0.600	5.00	0.604	ug/Kg	55984	02/03/2011 19:11	1	SG
Xylenes, Total	1330-20-7	0.363	U	UJ	0.360	15.0	0.363	ug/Kg	55984	02/03/2011 19:11	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		65.3	50.3	130	69-136		VGCMS#3	55995	02/03/2011 19:11	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		34.1	50.3	68	56-129		VGCMS#3	55995	02/03/2011 19:11	1	SG
Dibromofluoromethane (Surr)	1868-53-7		55.0	50.3	109	63-135		VGCMS#3	55995	02/03/2011 19:11	1	SG
Toluene-d8 (Surr)	2037-26-5		49.3	50.3	98	66-124		VGCMS#3	55995	02/03/2011 19:11	1	SG

S. Charron
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-2-3

Lab Sample ID: 560-24119-17
Client Matrix: Solid

Date Sampled: 01/20/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	55.6	U		45.7	330	55.6	ug/Kg	55757	01/28/2011 00:07	1	GEF
1,2-Dichlorobenzene	95-50-1	63.3	U		52.1	330	63.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
1,3-Dichlorobenzene	541-73-1	53.2	U		43.8	330	53.2	ug/Kg	55757	01/28/2011 00:07	1	GEF
1,4-Dichlorobenzene	106-46-7	55.7	U		45.8	330	55.7	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,4-Dichlorophenol	120-83-2	27.7	U		22.8	330	27.7	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,4-Dimethylphenol	105-67-9	24.8	U		20.4	330	24.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,4-Dinitrophenol	51-28-5	122	U		100	330	122	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,4-Dinitrotoluene	121-14-2	60.8	U		50.0	330	60.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
2,6-Dinitrotoluene	606-20-2	60.8	U		50.0	330	60.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
2-Chloronaphthalene	91-58-7	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
2-Chlorophenol	95-57-8	33.8	U		27.8	330	33.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
2-Methylnaphthalene	91-57-6	37.8	U		31.1	330	37.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
2-Methylphenol	95-48-7	40.1	U		33.0	330	40.1	ug/Kg	55757	01/28/2011 00:07	1	GEF
2-Nitroaniline	88-74-4	27.0	U		22.2	330	27.0	ug/Kg	55757	01/28/2011 00:07	1	GEF
2-Nitrophenol	88-75-5	20.7	U		17.0	330	20.7	ug/Kg	55757	01/28/2011 00:07	1	GEF
3 & 4 Methylphenol	15831-10-4	60.8	U		50.0	670	60.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
3,3'-Dichlorobenzidine	91-94-1	203	U		167	330	203	ug/Kg	55757	01/28/2011 00:07	1	GEF
3-Nitroaniline	99-09-2	122	U		100	330	122	ug/Kg	55757	01/28/2011 00:07	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	60.8	U		50.0	330	60.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
4-Chloroaniline	106-47-8	122	U		100	330	122	ug/Kg	55757	01/28/2011 00:07	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
4-Nitroaniline	100-01-6	122	U		100	330	122	ug/Kg	55757	01/28/2011 00:07	1	GEF
4-Nitrophenol	100-02-7	122	U		100	330	122	ug/Kg	55757	01/28/2011 00:07	1	GEF
Acenaphthene	83-32-9	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Acenaphthylene	208-96-8	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Anthracene	120-12-7	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Benzo[a]anthracene	56-55-3	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Benzo[a]pyrene	50-32-8	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Benzo[b]fluoranthene	205-99-2	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB1-2-3

Lab Sample ID: 560-24119-17
Client Matrix: Solid

Date Sampled: 01/20/2011 10:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Benzo[k]fluoranthene	207-08-9	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Benzyl alcohol	100-51-6	29.8	U		24.5	330	29.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Bis(2-chloroethyl)ether	111-44-4	45.5	U		37.4	330	45.5	ug/Kg	55757	01/28/2011 00:07	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	157	~~J~~ U	b	16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Butyl benzyl phthalate	85-68-7	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Chrysene	218-01-9	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Di-n-butyl phthalate	84-74-2	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Di-n-octyl phthalate	117-84-0	22.7	U		18.7	330	22.7	ug/Kg	55757	01/28/2011 00:07	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Dibenzofuran	132-64-9	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Diethyl phthalate	84-66-2	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Dimethyl phthalate	131-11-3	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Fluoranthene	206-44-0	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Fluorene	86-73-7	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Hexachlorobenzene	118-74-1	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Hexachlorobutadiene	87-68-3	54.3	U		44.7	330	54.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Hexachlorocyclopentadiene	77-47-4	60.8	U		50.0	330	60.8	ug/Kg	55757	01/28/2011 00:07	1	GEF
Hexachloroethane	67-72-1	60.9	U		50.1	330	60.9	ug/Kg	55757	01/28/2011 00:07	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Isophorone	78-59-1	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Naphthalene	91-20-3	50.7	U		41.7	330	50.7	ug/Kg	55757	01/28/2011 00:07	1	GEF
Nitrobenzene	98-95-3	44.2	U		36.4	330	44.2	ug/Kg	55757	01/28/2011 00:07	1	GEF
Pentachlorophenol	87-86-5	122	U		100	330	122	ug/Kg	55757	01/28/2011 00:07	1	GEF
Phenanthrene	85-01-8	20.8	J		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Phenol	108-95-2	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF
Pyrene	129-00-0	20.3	U		16.7	330	20.3	ug/Kg	55757	01/28/2011 00:07	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Schaffe

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5490	6080	90	65-120		SVGCMS#3	55726	01/28/2011 00:07	1	GEF
2-Fluorobiphenyl	321-60-8		3050	4050	75	64-120		SVGCMS#3	55726	01/28/2011 00:07	1	GEF
2-Fluorophenol	367-12-4		3790	6080	62	53-120		SVGCMS#3	55726	01/28/2011 00:07	1	GEF
Nitrobenzene-d5	4165-60-0		2630	4050	65	55-120		SVGCMS#3	55726	01/28/2011 00:07	1	GEF
Phenol-d5	4165-62-2		4180	6080	69	59-120		SVGCMS#3	55726	01/28/2011 00:07	1	GEF
Terphenyl-d14	1718-51-0		3150	4050	78	67-120		SVGCMS#3	55726	01/28/2011 00:07	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-0-0.5

Lab Sample ID: 560-24119-18
Client Matrix: Solid

Date Sampled: 01/20/2011 10:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.71			0.0499	0.250	0.0484	mg/Kg	55875	01/31/2011 21:38	1	EDR
Barium	7440-39-3	93.0			0.109	0.250	0.106	mg/Kg	55875	01/31/2011 21:38	1	EDR
Cadmium	7440-43-9	0.109	J		0.0721	0.250	0.0700	mg/Kg	55875	01/31/2011 21:38	1	EDR
Chromium	7440-47-3	5.82			0.112	0.250	0.109	mg/Kg	55875	01/31/2011 21:38	1	EDR
Lead	7439-92-1	7.29			0.205	0.500	0.199	mg/Kg	55875	01/31/2011 21:38	1	EDR
Selenium	7782-49-2	0.267	J	b	0.0435	0.250	0.0422	mg/Kg	55875	01/31/2011 21:38	1	EDR
Silver	7440-22-4	0.0666	U		0.0686	0.250	0.0666	mg/Kg	55875	01/31/2011 21:38	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0117	U		0.0180	0.200	0.0117	mg/Kg	55715	01/26/2011 13:18	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.722	U	UJ	0.700	5.00	0.722	ug/Kg	55984	02/03/2011 19:36	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.392	U		0.380	5.00	0.392	ug/Kg	55984	02/03/2011 19:36	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.691	U		0.670	5.00	0.691	ug/Kg	55984	02/03/2011 19:36	1	SG
1,1,2-Trichloroethane	79-00-5	0.516	U		0.500	5.00	0.516	ug/Kg	55984	02/03/2011 19:36	1	SG
1,1-Dichloroethane	75-34-3	0.609	U	UJ	0.590	5.00	0.609	ug/Kg	55984	02/03/2011 19:36	1	SG

S Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-0-0.5

Lab Sample ID: 560-24119-18
Client Matrix: Solid

Date Sampled: 01/20/2011 10:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.20	J		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
1,1-Dichloropropene	563-58-6	0.536	U	UJ	0.520	5.00	0.536	ug/Kg	55984	02/03/2011 19:36	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.454	U	UJ	0.440	5.00	0.454	ug/Kg	55984	02/03/2011 19:36	1	SG
1,2,3-Trichloropropane	96-18-4	0.784	U	UJ	0.760	5.00	0.784	ug/Kg	55984	02/03/2011 19:36	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.515	J		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
1,2-Dichloroethane	107-06-2	0.536	U	UJ	0.520	5.00	0.536	ug/Kg	55984	02/03/2011 19:36	1	SG
1,2-Dichloropropane	78-87-5	0.206	U		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.217	U		0.210	5.00	0.217	ug/Kg	55984	02/03/2011 19:36	1	SG
1,3-Dichloropropane	142-28-9	0.248	U		0.240	5.00	0.248	ug/Kg	55984	02/03/2011 19:36	1	SG
1,4-Dioxane	123-91-1	41.3	U		40.0	100	41.3	ug/Kg	55984	02/03/2011 19:36	1	SG
2,2-Dichloropropane	594-20-7	0.867	U		0.840	5.00	0.867	ug/Kg	55984	02/03/2011 19:36	1	SG
2-Butanone (MEK)	78-93-3	1.03	U		1.00	5.00	1.03	ug/Kg	55984	02/03/2011 19:36	1	SG
2-Hexanone	591-78-6	1.24	U	*	1.20	5.00	1.24	ug/Kg	55984	02/03/2011 19:36	1	SG
2-Nitropropane	79-46-9	0.536	U	*	0.520	5.00	0.536	ug/Kg	55984	02/03/2011 19:36	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.959	U	*	0.930	5.00	0.959	ug/Kg	55984	02/03/2011 19:36	1	SG
Acetone	67-64-1	7.43	U		7.20	25.0	7.43	ug/Kg	55984	02/03/2011 19:36	1	SG
Acetonitrile	75-05-8	38.2	U		37.0	50.0	38.2	ug/Kg	55984	02/03/2011 19:36	1	SG
Benzene	71-43-2	0.237	U		0.230	5.00	0.237	ug/Kg	55984	02/03/2011 19:36	1	SG
Bromoform	75-25-2	0.526	U		0.510	5.00	0.526	ug/Kg	55984	02/03/2011 19:36	1	SG
Bromomethane	74-83-9	1.13	U		1.10	5.00	1.13	ug/Kg	55984	02/03/2011 19:36	1	SG
Carbon disulfide	75-15-0	0.753	U		0.730	5.00	0.753	ug/Kg	55984	02/03/2011 19:36	1	SG
Carbon tetrachloride	56-23-5	0.526	U		0.510	5.00	0.526	ug/Kg	55984	02/03/2011 19:36	1	SG
Chlorobenzene	108-90-7	0.237	U		0.230	5.00	0.237	ug/Kg	55984	02/03/2011 19:36	1	SG
Chlorodibromomethane	124-48-1	0.660	U		0.640	5.00	0.660	ug/Kg	55984	02/03/2011 19:36	1	SG
Chloroethane	75-00-3	0.268	U		0.260	5.00	0.268	ug/Kg	55984	02/03/2011 19:36	1	SG
Chloroform	67-66-3	0.898	U		0.870	5.00	0.898	ug/Kg	55984	02/03/2011 19:36	1	SG
Chloromethane	74-87-3	1.24	U		1.20	5.00	1.24	ug/Kg	55984	02/03/2011 19:36	1	SG
cis-1,2-Dichloroethene	156-59-2	0.588	U		0.570	5.00	0.588	ug/Kg	55984	02/03/2011 19:36	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.206	U		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
Dibromomethane	74-95-3	0.733	U		0.710	5.00	0.733	ug/Kg	55984	02/03/2011 19:36	1	SG
Dichlorobromomethane	75-27-4	0.206	U		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
Dichlorodifluoromethane	75-71-8	0.753	U		0.730	5.00	0.753	ug/Kg	55984	02/03/2011 19:36	1	SG
Ethyl acetate	141-78-6	1.24	U		1.20	5.00	1.24	ug/Kg	55984	02/03/2011 19:36	1	SG
Ethyl ether	60-29-7	0.206	U	UJ	0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
Ethyl methacrylate	97-63-2	0.526	U		0.510	5.00	0.526	ug/Kg	55984	02/03/2011 19:36	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-0-0.5

Lab Sample ID: 560-24119-18
Client Matrix: Solid

Date Sampled: 01/20/2011 10:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.227	U	UJ	0.220	5.00	0.227	ug/Kg	55984	02/03/2011 19:36	1	SG
Ethylene Dibromide	106-93-4	0.206	U		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
Iodomethane	74-88-4	0.825	U		0.800	5.00	0.825	ug/Kg	55984	02/03/2011 19:36	1	SG
Methyl methacrylate	80-62-6	1.13	U		1.10	5.00	1.13	ug/Kg	55984	02/03/2011 19:36	1	SG
Methyl tert-butyl ether	1634-04-4	0.629	U		0.610	5.00	0.629	ug/Kg	55984	02/03/2011 19:36	1	SG
Methylene Chloride	75-09-2	5.16	U		5.00	25.0	5.16	ug/Kg	55984	02/03/2011 19:36	1	SG
Styrene	100-42-5	0.206	U		0.200	5.00	0.206	ug/Kg	55984	02/03/2011 19:36	1	SG
Tetrachloroethene	127-18-4	0.763	U	UJ	0.740	5.00	0.763	ug/Kg	55984	02/03/2011 19:36	1	SG
Toluene	108-88-3	0.735	J		0.560	5.00	0.578	ug/Kg	55984	02/03/2011 19:36	1	SG
trans-1,2-Dichloroethene	156-60-5	0.516	U	UJ	0.500	5.00	0.516	ug/Kg	55984	02/03/2011 19:36	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.536	U		0.520	5.00	0.536	ug/Kg	55984	02/03/2011 19:36	1	SG
Trichloroethene	79-01-6	0.289	U		0.280	5.00	0.289	ug/Kg	55984	02/03/2011 19:36	1	SG
Trichlorofluoromethane	75-69-4	0.516	U		0.500	5.00	0.516	ug/Kg	55984	02/03/2011 19:36	1	SG
Vinyl acetate	108-05-4	1.13	U		1.10	5.00	1.13	ug/Kg	55984	02/03/2011 19:36	1	SG
Vinyl chloride	75-01-4	0.619	U		0.600	5.00	0.619	ug/Kg	55984	02/03/2011 19:36	1	SG
Xylenes, Total	1330-20-7	0.371	U	UJ	0.360	15.0	0.371	ug/Kg	55984	02/03/2011 19:36	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		55.5	51.6	108	69-136		VGCMS#3	55995	02/03/2011 19:36	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		46.1	51.6	89	56-129		VGCMS#3	55995	02/03/2011 19:36	1	SG
Dibromofluoromethane (Surr)	1868-53-7		53.4	51.6	103	63-135		VGCMS#3	55995	02/03/2011 19:36	1	SG
Toluene-d8 (Surr)	2037-26-5		51.1	51.6	99	66-124		VGCMS#3	55995	02/03/2011 19:36	1	SG

FEB 25 11

S. Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-0-0.5

Lab Sample ID: 560-24119-18
Client Matrix: Solid

Date Sampled: 01/20/2011 10:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	52.7	U		45.7	330	52.7	ug/Kg	55757	01/28/2011 00:32	1	GEF
1,2-Dichlorobenzene	95-50-1	60.0	U		52.1	330	60.0	ug/Kg	55757	01/28/2011 00:32	1	GEF
1,3-Dichlorobenzene	541-73-1	50.5	U		43.8	330	50.5	ug/Kg	55757	01/28/2011 00:32	1	GEF
1,4-Dichlorobenzene	106-46-7	52.8	U		45.8	330	52.8	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,4-Dichlorophenol	120-83-2	26.3	U		22.8	330	26.3	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,4-Dimethylphenol	105-67-9	23.5	U		20.4	330	23.5	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,4-Dinitrophenol	51-28-5	115	U		100	330	115	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,4-Dinitrotoluene	121-14-2	57.6	U		50.0	330	57.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
2,6-Dinitrotoluene	606-20-2	57.6	U		50.0	330	57.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
2-Chloronaphthalene	91-58-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
2-Chlorophenol	95-57-8	32.0	U		27.8	330	32.0	ug/Kg	55757	01/28/2011 00:32	1	GEF
2-Methylnaphthalene	91-57-6	35.8	U		31.1	330	35.8	ug/Kg	55757	01/28/2011 00:32	1	GEF
2-Methylphenol	95-48-7	38.0	U		33.0	330	38.0	ug/Kg	55757	01/28/2011 00:32	1	GEF
2-Nitroaniline	88-74-4	25.6	U		22.2	330	25.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
2-Nitrophenol	88-75-5	19.6	U		17.0	330	19.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
3 & 4 Methylphenol	15831-10-4	57.6	U		50.0	670	57.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
3,3'-Dichlorobenzidine	91-94-1	192	U		167	330	192	ug/Kg	55757	01/28/2011 00:32	1	GEF
3-Nitroaniline	99-09-2	115	U		100	330	115	ug/Kg	55757	01/28/2011 00:32	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	57.6	U		50.0	330	57.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
4-Chloroaniline	106-47-8	115	U		100	330	115	ug/Kg	55757	01/28/2011 00:32	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
4-Nitroaniline	100-01-6	115	U		100	330	115	ug/Kg	55757	01/28/2011 00:32	1	GEF
4-Nitrophenol	100-02-7	115	U		100	330	115	ug/Kg	55757	01/28/2011 00:32	1	GEF
Acenaphthene	83-32-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Acenaphthylene	208-96-8	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Anthracene	120-12-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Benzo[a]anthracene	56-55-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Benzo[a]pyrene	50-32-8	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Benzo[b]fluoranthene	205-99-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF

FEB 25 2011
Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-0-0.5

Lab Sample ID: 560-24119-18
Client Matrix: Solid

Date Sampled: 01/20/2011 10:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Benzo[k]fluoranthene	207-08-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Benzyl alcohol	100-51-6	28.2	U		24.5	330	28.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Bis(2-chloroethyl)ether	111-44-4	43.1	U		37.4	330	43.1	ug/Kg	55757	01/28/2011 00:32	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	77.0	~~J~~ U	b	16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Butyl benzyl phthalate	85-68-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Chrysene	218-01-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Di-n-butyl phthalate	84-74-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Di-n-octyl phthalate	117-84-0	21.6	U		18.7	330	21.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
Dibenz(a,h)anthracene	53-70-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Dibenzofuran	132-64-9	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Diethyl phthalate	84-66-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Dimethyl phthalate	131-11-3	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Fluoranthene	206-44-0	19.5	J		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Fluorene	86-73-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Hexachlorobenzene	118-74-1	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Hexachlorobutadiene	87-68-3	51.5	U		44.7	330	51.5	ug/Kg	55757	01/28/2011 00:32	1	GEF
Hexachlorocyclopentadiene	77-47-4	57.6	U		50.0	330	57.6	ug/Kg	55757	01/28/2011 00:32	1	GEF
Hexachloroethane	67-72-1	57.7	U		50.1	330	57.7	ug/Kg	55757	01/28/2011 00:32	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Isophorone	78-59-1	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Naphthalene	91-20-3	48.1	U		41.7	330	48.1	ug/Kg	55757	01/28/2011 00:32	1	GEF
Nitrobenzene	98-95-3	42.0	U		36.4	330	42.0	ug/Kg	55757	01/28/2011 00:32	1	GEF
Pentachlorophenol	87-86-5	115	U		100	330	115	ug/Kg	55757	01/28/2011 00:32	1	GEF
Phenanthrene	85-01-8	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Phenol	108-95-2	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF
Pyrene	129-00-0	19.2	U		16.7	330	19.2	ug/Kg	55757	01/28/2011 00:32	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5010	5760	87	65-120		SVGCMS#3	55726	01/28/2011 00:32	1	GEF
2-Fluorobiphenyl	321-60-8		2760	3840	72	64-120		SVGCMS#3	55726	01/28/2011 00:32	1	GEF
2-Fluorophenol	367-12-4		3580	5760	62	53-120		SVGCMS#3	55726	01/28/2011 00:32	1	GEF
Nitrobenzene-d5	4165-60-0		2530	3840	66	55-120		SVGCMS#3	55726	01/28/2011 00:32	1	GEF
Phenol-d5	4165-62-2		3890	5760	67	59-120		SVGCMS#3	55726	01/28/2011 00:32	1	GEF
Terphenyl-d14	1718-51-0		2970	3840	77	67-120		SVGCMS#3	55726	01/28/2011 00:32	1	GEF

S. Chaite
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-0-0.5

Lab Sample ID: 560-24119-18
Client Matrix: Solid

Date Sampled: 01/20/2011 10:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.5	U	UJ	10.0	50.0	11.5	mg/Kg	55628	01/25/2011 16:22	1	SG
C6-C35	STL00006	11.5	U	UJ	10.0	50.0	11.5	mg/Kg	55628	01/25/2011 16:22	1	SG
Over C12-C28	STL00035	11.5	U	UJ	10.0	50.0	11.5	mg/Kg	55628	01/25/2011 16:22	1	SG
Over C28-C35	STL00147	11.5	U	UJ	10.0	50.0	11.5	mg/Kg	55628	01/25/2011 16:22	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		307	287	107	70-130		SVGC#4	55606	01/25/2011 16:22	1	SG
o-Terphenyl	84-15-1		329	287	115	70-130		SVGC#4	55606	01/25/2011 16:22	1	SG

S. Chaffe
FEB 25 11
Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-2-3

Lab Sample ID: 560-24119-19
Client Matrix: Solid

Date Sampled: 01/20/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55919	02/01/2011 08:47		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.33			0.0499	0.250	0.0548	mg/Kg	55875	01/31/2011 21:44	1	EDR
Barium	7440-39-3	129			0.109	0.250	0.120	mg/Kg	55875	01/31/2011 21:44	1	EDR
Cadmium	7440-43-9	0.968			0.0721	0.250	0.0792	mg/Kg	55875	01/31/2011 21:44	1	EDR
Chromium	7440-47-3	5.52			0.112	0.250	0.123	mg/Kg	55875	01/31/2011 21:44	1	EDR
Lead	7439-92-1	27.2			0.205	0.500	0.225	mg/Kg	55875	01/31/2011 21:44	1	EDR
Selenium	7782-49-2	0.914	J	b	0.0435	0.250	0.0478	mg/Kg	55875	01/31/2011 21:44	1	EDR
Silver	7440-22-4	0.0753	U		0.0686	0.250	0.0753	mg/Kg	55875	01/31/2011 21:44	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0704	J		0.0180	0.200	0.0107	mg/Kg	55715	01/26/2011 13:20	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.740	U	UJ	0.700	5.00	0.740	ug/Kg	55888	02/01/2011 18:40	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.402	U		0.380	5.00	0.402	ug/Kg	55888	02/01/2011 18:40	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane*	76-13-1	0.708	U		0.670	5.00	0.708	ug/Kg	55888	02/01/2011 18:40	1	SG
1,1,2-Trichloroethane	79-00-5	0.529	U		0.500	5.00	0.529	ug/Kg	55888	02/01/2011 18:40	1	SG
1,1-Dichloroethane	75-34-3	0.624	U	UJ	0.590	5.00	0.624	ug/Kg	55888	02/01/2011 18:40	1	SG

FEB 27 11 S Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-2-3

Lab Sample ID: 560-24119-19
Client Matrix: Solid

Date Sampled: 01/20/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	7.98			0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
1,1-Dichloropropene	563-58-6	0.550	U	UJ	0.520	5.00	0.550	ug/Kg	55888	02/01/2011 18:40	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.465	U	UJ	0.440	5.00	0.465	ug/Kg	55888	02/01/2011 18:40	1	SG
1,2,3-Trichloropropane	96-18-4	0.804	U	UJ	0.760	5.00	0.804	ug/Kg	55888	02/01/2011 18:40	1	SG
1,2,4-Trimethylbenzene	95-63-6	1.26	J		0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
1,2-Dichloroethane	107-06-2	0.550	U	UJ	0.520	5.00	0.550	ug/Kg	55888	02/01/2011 18:40	1	SG
1,2-Dichloropropane	78-87-5	0.211	U	UJ	0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.389	J		0.210	5.00	0.222	ug/Kg	55888	02/01/2011 18:40	1	SG
1,3-Dichloropropane	142-28-9	0.254	U	UJ	0.240	5.00	0.254	ug/Kg	55888	02/01/2011 18:40	1	SG
1,4-Dioxane	123-91-1	42.3	U		40.0	100	42.3	ug/Kg	55888	02/01/2011 18:40	1	SG
2,2-Dichloropropane	594-20-7	0.888	U		0.840	5.00	0.888	ug/Kg	55888	02/01/2011 18:40	1	SG
2-Butanone (MEK)	78-93-3	1.06	U		1.00	5.00	1.06	ug/Kg	55888	02/01/2011 18:40	1	SG
2-Hexanone	591-78-6	1.27	U		1.20	5.00	1.27	ug/Kg	55888	02/01/2011 18:40	1	SG
2-Nitropropane	79-46-9	0.550	U		0.520	5.00	0.550	ug/Kg	55888	02/01/2011 18:40	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.983	U		0.930	5.00	0.983	ug/Kg	55888	02/01/2011 18:40	1	SG
Acetone	67-64-1	7.61	U		7.20	25.0	7.61	ug/Kg	55888	02/01/2011 18:40	1	SG
Acetonitrile	75-05-8	39.1	U		37.0	50.0	39.1	ug/Kg	55888	02/01/2011 18:40	1	SG
Benzene	71-43-2	0.243	U		0.230	5.00	0.243	ug/Kg	55888	02/01/2011 18:40	1	SG
Bromoform	75-25-2	0.539	U		0.510	5.00	0.539	ug/Kg	55888	02/01/2011 18:40	1	SG
Bromomethane	74-83-9	1.16	U		1.10	5.00	1.16	ug/Kg	55888	02/01/2011 18:40	1	SG
Carbon disulfide	75-15-0	0.772	U		0.730	5.00	0.772	ug/Kg	55888	02/01/2011 18:40	1	SG
Carbon tetrachloride	56-23-5	0.539	U		0.510	5.00	0.539	ug/Kg	55888	02/01/2011 18:40	1	SG
Chlorobenzene	108-90-7	0.243	U		0.230	5.00	0.243	ug/Kg	55888	02/01/2011 18:40	1	SG
Chlorodibromomethane	124-48-1	0.677	U		0.640	5.00	0.677	ug/Kg	55888	02/01/2011 18:40	1	SG
Chloroethane	75-00-3	0.275	U		0.260	5.00	0.275	ug/Kg	55888	02/01/2011 18:40	1	SG
Chloroform	67-66-3	0.920	U		0.870	5.00	0.920	ug/Kg	55888	02/01/2011 18:40	1	SG
Chloromethane	74-87-3	1.27	U		1.20	5.00	1.27	ug/Kg	55888	02/01/2011 18:40	1	SG
cis-1,2-Dichloroethene	156-59-2	0.603	U		0.570	5.00	0.603	ug/Kg	55888	02/01/2011 18:40	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.211	U		0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
Dibromomethane	74-95-3	0.751	U		0.710	5.00	0.751	ug/Kg	55888	02/01/2011 18:40	1	SG
Dichlorobromomethane	75-27-4	0.211	U		0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
Dichlorodifluoromethane	75-71-8	0.772	U		0.730	5.00	0.772	ug/Kg	55888	02/01/2011 18:40	1	SG
Ethyl acetate	141-78-6	1.27	U		1.20	5.00	1.27	ug/Kg	55888	02/01/2011 18:40	1	SG
Ethyl ether	60-29-7	0.211	U		0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
Ethyl methacrylate	97-63-2	0.539	U	UJ	0.510	5.00	0.539	ug/Kg	55888	02/01/2011 18:40	1	SG

FEB 2 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-2-3

Lab Sample ID: 560-24119-19
Client Matrix: Solid

Date Sampled: 01/20/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.423	J		0.220	5.00	0.233	ug/Kg	55888	02/01/2011 18:40	1	SG
Ethylene Dibromide	106-93-4	0.211	U	UJ	0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
Iodomethane	74-88-4	0.846	U		0.800	5.00	0.846	ug/Kg	55888	02/01/2011 18:40	1	SG
Methyl methacrylate	80-62-6	1.16	U		1.10	5.00	1.16	ug/Kg	55888	02/01/2011 18:40	1	SG
Methyl tert-butyl ether	1634-04-4	0.645	U	UJ	0.610	5.00	0.645	ug/Kg	55888	02/01/2011 18:40	1	SG
Methylene Chloride	75-09-2	7.39	J		5.00	25.0	5.29	ug/Kg	55888	02/01/2011 18:40	1	SG
Styrene	100-42-5	0.211	U	UJ	0.200	5.00	0.211	ug/Kg	55888	02/01/2011 18:40	1	SG
Tetrachloroethene	127-18-4	4.26	J		0.740	5.00	0.782	ug/Kg	55888	02/01/2011 18:40	1	SG
Toluene	108-88-3	2.72	J		0.560	5.00	0.592	ug/Kg	55888	02/01/2011 18:40	1	SG
trans-1,2-Dichloroethene	156-60-5	0.529	U	UJ	0.500	5.00	0.529	ug/Kg	55888	02/01/2011 18:40	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.550	U		0.520	5.00	0.550	ug/Kg	55888	02/01/2011 18:40	1	SG
Trichloroethene	79-01-6	0.296	U		0.280	5.00	0.296	ug/Kg	55888	02/01/2011 18:40	1	SG
Trichlorofluoromethane	75-69-4	0.529	U		0.500	5.00	0.529	ug/Kg	55888	02/01/2011 18:40	1	SG
Vinyl acetate	108-05-4	1.16	U		1.10	5.00	1.16	ug/Kg	55888	02/01/2011 18:40	1	SG
Vinyl chloride	75-01-4	0.634	U	UJ	0.600	5.00	0.634	ug/Kg	55888	02/01/2011 18:40	1	SG
Xylenes, Total	1330-20-7	2.03	J		0.360	15.0	0.381	ug/Kg	55888	02/01/2011 18:40	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		65.0	52.9	123	69-136		VGCMS#3	55919	02/01/2011 18:40	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		37.4	52.9	71	56-129		VGCMS#3	55919	02/01/2011 18:40	1	SG
Dibromofluoromethane (Surr)	1868-53-7		60.3	52.9	114	63-135		VGCMS#3	55919	02/01/2011 18:40	1	SG
Toluene-d8 (Surr)	2037-26-5		52.3	52.9	99	66-124		VGCMS#3	55919	02/01/2011 18:40	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-2-3

Lab Sample ID: 560-24119-19
Client Matrix: Solid

Date Sampled: 01/20/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	53.5	U		45.7	330	53.5	ug/Kg	55757	01/28/2011 00:57	1	GEF
1,2-Dichlorobenzene	95-50-1	61.0	U		52.1	330	61.0	ug/Kg	55757	01/28/2011 00:57	1	GEF
1,3-Dichlorobenzene	541-73-1	51.3	U		43.8	330	51.3	ug/Kg	55757	01/28/2011 00:57	1	GEF
1,4-Dichlorobenzene	106-46-7	53.6	U		45.8	330	53.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,4-Dichlorophenol	120-83-2	26.7	U		22.8	330	26.7	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,4-Dimethylphenol	105-67-9	23.9	U		20.4	330	23.9	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,4-Dinitrophenol	51-28-5	117	U		100	330	117	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,4-Dinitrotoluene	121-14-2	58.6	U		50.0	330	58.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2,6-Dinitrotoluene	606-20-2	58.6	U		50.0	330	58.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2-Chloronaphthalene	91-58-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2-Chlorophenol	95-57-8	32.6	U		27.8	330	32.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
2-Methylnaphthalene	91-57-6	41.7	J		31.1	330	36.4	ug/Kg	55757	01/28/2011 00:57	1	GEF
2-Methylphenol	95-48-7	38.7	U		33.0	330	38.7	ug/Kg	55757	01/28/2011 00:57	1	GEF
2-Nitroaniline	88-74-4	26.0	U		22.2	330	26.0	ug/Kg	55757	01/28/2011 00:57	1	GEF
2-Nitrophenol	88-75-5	19.9	U		17.0	330	19.9	ug/Kg	55757	01/28/2011 00:57	1	GEF
3 & 4 Methylphenol	15831-10-4	58.6	U		50.0	670	58.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
3,3'-Dichlorobenzidine	91-94-1	196	U		167	330	196	ug/Kg	55757	01/28/2011 00:57	1	GEF
3-Nitroaniline	99-09-2	117	U		100	330	117	ug/Kg	55757	01/28/2011 00:57	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	58.6	U		50.0	330	58.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
4-Chloroaniline	106-47-8	117	U		100	330	117	ug/Kg	55757	01/28/2011 00:57	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
4-Nitroaniline	100-01-6	117	U		100	330	117	ug/Kg	55757	01/28/2011 00:57	1	GEF
4-Nitrophenol	100-02-7	117	U		100	330	117	ug/Kg	55757	01/28/2011 00:57	1	GEF
Acenaphthene	83-32-9	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Acenaphthylene	208-96-8	28.7	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Anthracene	120-12-7	25.7	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Benzo[a]anthracene	56-55-3	201	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Benzo[a]pyrene	50-32-8	363	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Benzo[b]fluoranthene	205-99-2	573			16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-2-3

Lab Sample ID: 560-24119-19
Client Matrix: Solid

Date Sampled: 01/20/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	250	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Benzo[k]fluoranthene	207-08-9	210	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Benzyl alcohol	100-51-6	28.7	U		24.5	330	28.7	ug/Kg	55757	01/28/2011 00:57	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Bis(2-chloroethyl)ether	111-44-4	43.8	U		37.4	330	43.8	ug/Kg	55757	01/28/2011 00:57	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	73.6	~~J~~ U	b	16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Butyl benzyl phthalate	85-68-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Chrysene	218-01-9	428			16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Di-n-butyl phthalate	84-74-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Di-n-octyl phthalate	117-84-0	21.9	U		18.7	330	21.9	ug/Kg	55757	01/28/2011 00:57	1	GEF
Dibenz(a,h)anthracene	53-70-3	65.1	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Dibenzofuran	132-64-9	45.6	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Diethyl phthalate	84-66-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Dimethyl phthalate	131-11-3	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Fluoranthene	206-44-0	708			16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Fluorene	86-73-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Hexachlorobenzene	118-74-1	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Hexachlorobutadiene	87-68-3	52.4	U		44.7	330	52.4	ug/Kg	55757	01/28/2011 00:57	1	GEF
Hexachlorocyclopentadiene	77-47-4	58.6	U		50.0	330	58.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Hexachloroethane	67-72-1	58.7	U		50.1	330	58.7	ug/Kg	55757	01/28/2011 00:57	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	239	J		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Isophorone	78-59-1	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Naphthalene	91-20-3	65.0	J		41.7	330	48.8	ug/Kg	55757	01/28/2011 00:57	1	GEF
Nitrobenzene	98-95-3	42.6	U		36.4	330	42.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Pentachlorophenol	87-86-5	117	U		100	330	117	ug/Kg	55757	01/28/2011 00:57	1	GEF
Phenanthrene	85-01-8	444			16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Phenol	108-95-2	19.6	U		16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF
Pyrene	129-00-0	591			16.7	330	19.6	ug/Kg	55757	01/28/2011 00:57	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 15 11 Seattle

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5470	5860	93	65-120		SVGCMS#3	55726	01/28/2011 00:57	1	GEF
2-Fluorobiphenyl	321-60-8		3110	3900	80	64-120		SVGCMS#3	55726	01/28/2011 00:57	1	GEF
2-Fluorophenol	367-12-4		3960	5860	68	53-120		SVGCMS#3	55726	01/28/2011 00:57	1	GEF
Nitrobenzene-d5	4165-60-0		2770	3900	71	55-120		SVGCMS#3	55726	01/28/2011 00:57	1	GEF
Phenol-d5	4165-62-2		4340	5860	74	59-120		SVGCMS#3	55726	01/28/2011 00:57	1	GEF
Terphenyl-d14	1718-51-0		3200	3900	82	67-120		SVGCMS#3	55726	01/28/2011 00:57	1	GEF

S. Chaite
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB2-2-3

Lab Sample ID: 560-24119-19
Client Matrix: Solid

Date Sampled: 01/20/2011 10:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.7	U	UJ	10.0	50.0	11.7	mg/Kg	55628	01/25/2011 16:31	1	SG
C6-C35	STL00006	11.7	U		10.0	50.0	11.7	mg/Kg	55628	01/25/2011 16:31	1	SG
Over C12-C28	STL00035	11.7	U		10.0	50.0	11.7	mg/Kg	55628	01/25/2011 16:31	1	SG
Over C28-C35	STL00147	11.7	U	UJ	10.0	50.0	11.7	mg/Kg	55628	01/25/2011 16:31	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		319	293	109	70-130		SVGC#4	55606	01/25/2011 16:31	1	SG
o-Terphenyl	84-15-1		343	293	117	70-130		SVGC#4	55606	01/25/2011 16:31	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-0-0.5

Lab Sample ID: 560-24119-20
Client Matrix: Solid

Date Sampled: 01/20/2011 11:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	8.5			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.99			0.0499	0.250	0.0514	mg/Kg	55875	01/31/2011 21:49	1	EDR
Barium	7440-39-3	150			0.109	0.250	0.224	mg/Kg	55927	02/01/2011 16:39	2	EDR
Cadmium	7440-43-9	2.48			0.0721	0.250	0.0742	mg/Kg	55875	01/31/2011 21:49	1	EDR
Chromium	7440-47-3	7.27			0.112	0.250	0.115	mg/Kg	55875	01/31/2011 21:49	1	EDR
Lead	7439-92-1	150			0.205	0.500	0.211	mg/Kg	55875	01/31/2011 21:49	1	EDR
Selenium	7782-49-2	0.872	J	b	0.0435	0.250	0.0448	mg/Kg	55875	01/31/2011 21:49	1	EDR
Silver	7440-22-4	0.0706	U		0.0686	0.250	0.0706	mg/Kg	55875	01/31/2011 21:49	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0387	J		0.0180	0.200	0.0113	mg/Kg	55715	01/26/2011 13:23	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.677	U	WJ	0.700	5.00	0.677	ug/Kg	55942	02/02/2011 20:29	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.367	U		0.380	5.00	0.367	ug/Kg	55942	02/02/2011 20:29	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.648	U		0.670	5.00	0.648	ug/Kg	55942	02/02/2011 20:29	1	SG
1,1,2-Trichloroethane	79-00-5	0.483	U		0.500	5.00	0.483	ug/Kg	55942	02/02/2011 20:29	1	SG
1,1-Dichloroethane	75-34-3	0.570	U	WJ	0.590	5.00	0.570	ug/Kg	55942	02/02/2011 20:29	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-0-0.5

Lab Sample ID: 560-24119-20
Client Matrix: Solid

Date Sampled: 01/20/2011 11:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	3.49	J		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
1,1-Dichloropropene	563-58-6	0.503	U	UJ	0.520	5.00	0.503	ug/Kg	55942	02/02/2011 20:29	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.425	U	UJ	0.440	5.00	0.425	ug/Kg	55942	02/02/2011 20:29	1	SG
1,2,3-Trichloropropane	96-18-4	0.735	U	UJ	0.760	5.00	0.735	ug/Kg	55942	02/02/2011 20:29	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.793	J		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
1,2-Dichloroethane	107-06-2	0.503	U	UJ	0.520	5.00	0.503	ug/Kg	55942	02/02/2011 20:29	1	SG
1,2-Dichloropropane	78-87-5	0.193	U		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.203	U		0.210	5.00	0.203	ug/Kg	55942	02/02/2011 20:29	1	SG
1,3-Dichloropropane	142-28-9	0.232	U		0.240	5.00	0.232	ug/Kg	55942	02/02/2011 20:29	1	SG
1,4-Dioxane	123-91-1	38.7	U		40.0	100	38.7	ug/Kg	55942	02/02/2011 20:29	1	SG
2,2-Dichloropropane	594-20-7	0.812	U		0.840	5.00	0.812	ug/Kg	55942	02/02/2011 20:29	1	SG
2-Butanone (MEK)	78-93-3	0.967	U		1.00	5.00	0.967	ug/Kg	55942	02/02/2011 20:29	1	SG
2-Hexanone	591-78-6	1.16	U	*	1.20	5.00	1.16	ug/Kg	55942	02/02/2011 20:29	1	SG
2-Nitropropane	79-46-9	0.503	U	*	0.520	5.00	0.503	ug/Kg	55942	02/02/2011 20:29	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.899	U	*	0.930	5.00	0.899	ug/Kg	55942	02/02/2011 20:29	1	SG
Acetone	67-64-1	6.96	U		7.20	25.0	6.96	ug/Kg	55942	02/02/2011 20:29	1	SG
Acetonitrile	75-05-8	35.8	U		37.0	50.0	35.8	ug/Kg	55942	02/02/2011 20:29	1	SG
Benzene	71-43-2	0.222	U		0.230	5.00	0.222	ug/Kg	55942	02/02/2011 20:29	1	SG
Bromoform	75-25-2	0.493	U		0.510	5.00	0.493	ug/Kg	55942	02/02/2011 20:29	1	SG
Bromomethane	74-83-9	1.06	U		1.10	5.00	1.06	ug/Kg	55942	02/02/2011 20:29	1	SG
Carbon disulfide	75-15-0	0.706	U		0.730	5.00	0.706	ug/Kg	55942	02/02/2011 20:29	1	SG
Carbon tetrachloride	56-23-5	0.493	U		0.510	5.00	0.493	ug/Kg	55942	02/02/2011 20:29	1	SG
Chlorobenzene	108-90-7	0.222	U		0.230	5.00	0.222	ug/Kg	55942	02/02/2011 20:29	1	SG
Chlorodibromomethane	124-48-1	0.619	U		0.640	5.00	0.619	ug/Kg	55942	02/02/2011 20:29	1	SG
Chloroethane	75-00-3	0.251	U		0.260	5.00	0.251	ug/Kg	55942	02/02/2011 20:29	1	SG
Chloroform	67-66-3	0.841	U		0.870	5.00	0.841	ug/Kg	55942	02/02/2011 20:29	1	SG
Chloromethane	74-87-3	1.16	U		1.20	5.00	1.16	ug/Kg	55942	02/02/2011 20:29	1	SG
cis-1,2-Dichloroethene	156-59-2	0.551	U		0.570	5.00	0.551	ug/Kg	55942	02/02/2011 20:29	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.193	U		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
Dibromomethane	74-95-3	0.686	U		0.710	5.00	0.686	ug/Kg	55942	02/02/2011 20:29	1	SG
Dichlorobromomethane	75-27-4	0.193	U		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
Dichlorodifluoromethane	75-71-8	0.706	U		0.730	5.00	0.706	ug/Kg	55942	02/02/2011 20:29	1	SG
Ethyl acetate	141-78-6	1.16	U		1.20	5.00	1.16	ug/Kg	55942	02/02/2011 20:29	1	SG
Ethyl ether	60-29-7	0.193	U		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
Ethyl methacrylate	97-63-2	0.493	U	UJ *	0.510	5.00	0.493	ug/Kg	55942	02/02/2011 20:29	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-0-0.5

Lab Sample ID: 560-24119-20
Client Matrix: Solid

Date Sampled: 01/20/2011 11:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.213	U	UJ	0.220	5.00	0.213	ug/Kg	55942	02/02/2011 20:29	1	SG
Ethylene Dibromide	106-93-4	0.193	U		0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
Iodomethane	74-88-4	0.773	U		0.800	5.00	0.773	ug/Kg	55942	02/02/2011 20:29	1	SG
Methyl methacrylate	80-62-6	1.06	U		1.10	5.00	1.06	ug/Kg	55942	02/02/2011 20:29	1	SG
Methyl tert-butyl ether	1634-04-4	0.590	U	UJ	0.610	5.00	0.590	ug/Kg	55942	02/02/2011 20:29	1	SG
Methylene Chloride	75-09-2	5.67	J		5.00	25.0	4.83	ug/Kg	55942	02/02/2011 20:29	1	SG
Styrene	100-42-5	0.193	U	UJ	0.200	5.00	0.193	ug/Kg	55942	02/02/2011 20:29	1	SG
Tetrachloroethene	127-18-4	0.715	U	UJ	0.740	5.00	0.715	ug/Kg	55942	02/02/2011 20:29	1	SG
Toluene	108-88-3	0.691	J		0.560	5.00	0.541	ug/Kg	55942	02/02/2011 20:29	1	SG
trans-1,2-Dichloroethene	156-60-5	0.483	U	UJ	0.500	5.00	0.483	ug/Kg	55942	02/02/2011 20:29	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.503	U		0.520	5.00	0.503	ug/Kg	55942	02/02/2011 20:29	1	SG
Trichloroethene	79-01-6	0.271	U		0.280	5.00	0.271	ug/Kg	55942	02/02/2011 20:29	1	SG
Trichlorofluoromethane	75-69-4	0.483	U		0.500	5.00	0.483	ug/Kg	55942	02/02/2011 20:29	1	SG
Vinyl acetate	108-05-4	1.06	U		1.10	5.00	1.06	ug/Kg	55942	02/02/2011 20:29	1	SG
Vinyl chloride	75-01-4	0.580	U	UJ	0.600	5.00	0.580	ug/Kg	55942	02/02/2011 20:29	1	SG
Xylenes, Total	1330-20-7	0.766	J		0.360	15.0	0.348	ug/Kg	55942	02/02/2011 20:29	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		59.4	48.3	123	69-136		VGCMS#3	55955	02/02/2011 20:29	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		39.7	48.3	82	56-129		VGCMS#3	55955	02/02/2011 20:29	1	SG
Dibromofluoromethane (Surr)	1868-53-7		54.4	48.3	113	63-135		VGCMS#3	55955	02/02/2011 20:29	1	SG
Toluene-d8 (Surr)	2037-26-5		46.2	48.3	96	66-124		VGCMS#3	55955	02/02/2011 20:29	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-0-0.5

Lab Sample ID: 560-24119-20
Client Matrix: Solid

Date Sampled: 01/20/2011 11:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	49.9	U		45.7	330	49.9	ug/Kg	55757	01/28/2011 01:22	1	GEF
1,2-Dichlorobenzene	95-50-1	56.9	U		52.1	330	56.9	ug/Kg	55757	01/28/2011 01:22	1	GEF
1,3-Dichlorobenzene	541-73-1	47.8	U		43.8	330	47.8	ug/Kg	55757	01/28/2011 01:22	1	GEF
1,4-Dichlorobenzene	106-46-7	50.0	U		45.8	330	50.0	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,4-Dichlorophenol	120-83-2	24.9	U		22.8	330	24.9	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,4-Dimethylphenol	105-67-9	22.3	U		20.4	330	22.3	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,4-Dinitrophenol	51-28-5	109	U		100	330	109	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,4-Dinitrotoluene	121-14-2	54.6	U		50.0	330	54.6	ug/Kg	55757	01/28/2011 01:22	1	GEF
2,6-Dinitrotoluene	606-20-2	54.6	U		50.0	330	54.6	ug/Kg	55757	01/28/2011 01:22	1	GEF
2-Chloronaphthalene	91-58-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
2-Chlorophenol	95-57-8	30.4	U		27.8	330	30.4	ug/Kg	55757	01/28/2011 01:22	1	GEF
2-Methylnaphthalene	91-57-6	34.0	U		31.1	330	34.0	ug/Kg	55757	01/28/2011 01:22	1	GEF
2-Methylphenol	95-48-7	36.0	U		33.0	330	36.0	ug/Kg	55757	01/28/2011 01:22	1	GEF
2-Nitroaniline	88-74-4	24.2	U		22.2	330	24.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
2-Nitrophenol	88-75-5	18.6	U		17.0	330	18.6	ug/Kg	55757	01/28/2011 01:22	1	GEF
3 & 4 Methylphenol	15831-10-4	54.6	U		50.0	670	54.6	ug/Kg	55757	01/28/2011 01:22	1	GEF
3,3'-Dichlorobenzidine	91-94-1	182	U		167	330	182	ug/Kg	55757	01/28/2011 01:22	1	GEF
3-Nitroaniline	99-09-2	109	U		100	330	109	ug/Kg	55757	01/28/2011 01:22	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	54.6	U		50.0	330	54.6	ug/Kg	55757	01/28/2011 01:22	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
4-Chloroaniline	106-47-8	109	U		100	330	109	ug/Kg	55757	01/28/2011 01:22	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
4-Nitroaniline	100-01-6	109	U		100	330	109	ug/Kg	55757	01/28/2011 01:22	1	GEF
4-Nitrophenol	100-02-7	109	U		100	330	109	ug/Kg	55757	01/28/2011 01:22	1	GEF
Acenaphthene	83-32-9	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Acenaphthylene	208-96-8	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Anthracene	120-12-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Benzo[a]anthracene	56-55-3	116	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Benzo[a]pyrene	50-32-8	213	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Benzo[b]fluoranthene	205-99-2	359	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-0-0.5

Lab Sample ID: 560-24119-20
Client Matrix: Solid

Date Sampled: 01/20/2011 11:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	173	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Benzo[k]fluoranthene	207-08-9	123	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Benzyl alcohol	100-51-6	26.7	U		24.5	330	26.7	ug/Kg	55757	01/28/2011 01:22	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Bis(2-chloroethyl)ether	111-44-4	40.8	U		37.4	330	40.8	ug/Kg	55757	01/28/2011 01:22	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	171	J U	b	16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Butyl benzyl phthalate	85-68-7	91.6	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Chrysene	218-01-9	268	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Di-n-butyl phthalate	84-74-2	29.3	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Di-n-octyl phthalate	117-84-0	20.4	U		18.7	330	20.4	ug/Kg	55757	01/28/2011 01:22	1	GEF
Dibenz(a,h)anthracene	53-70-3	42.7	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Dibenzofuran	132-64-9	28.6	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Diethyl phthalate	84-66-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Dimethyl phthalate	131-11-3	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Fluoranthene	206-44-0	441			16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Fluorene	86-73-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Hexachlorobenzene	118-74-1	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Hexachlorobutadiene	87-68-3	48.8	U		44.7	330	48.8	ug/Kg	55757	01/28/2011 01:22	1	GEF
Hexachlorocyclopentadiene	77-47-4	54.6	U		50.0	330	54.6	ug/Kg	55757	01/28/2011 01:22	1	GEF
Hexachloroethane	67-72-1	54.7	U		50.1	330	54.7	ug/Kg	55757	01/28/2011 01:22	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	151	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Isophorone	78-59-1	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Naphthalene	91-20-3	45.5	U		41.7	330	45.5	ug/Kg	55757	01/28/2011 01:22	1	GEF
Nitrobenzene	98-95-3	39.7	U		36.4	330	39.7	ug/Kg	55757	01/28/2011 01:22	1	GEF
Pentachlorophenol	87-86-5	109	U		100	330	109	ug/Kg	55757	01/28/2011 01:22	1	GEF
Phenanthrene	85-01-8	292	J		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Phenol	108-95-2	18.2	U		16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF
Pyrene	129-00-0	378			16.7	330	18.2	ug/Kg	55757	01/28/2011 01:22	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5390	5460	99	65-120		SVGCMS#3	55726	01/28/2011 01:22	1	GEF
2-Fluorobiphenyl	321-60-8		3010	3640	83	64-120		SVGCMS#3	55726	01/28/2011 01:22	1	GEF
2-Fluorophenol	367-12-4		3770	5460	69	53-120		SVGCMS#3	55726	01/28/2011 01:22	1	GEF
Nitrobenzene-d5	4165-60-0		2680	3640	74	55-120		SVGCMS#3	55726	01/28/2011 01:22	1	GEF
Phenol-d5	4165-62-2		4140	5460	76	59-120		SVGCMS#3	55726	01/28/2011 01:22	1	GEF
Terphenyl-d14	1718-51-0		3150	3640	86	67-120		SVGCMS#3	55726	01/28/2011 01:22	1	GEF

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-0-0.5

Lab Sample ID: 560-24119-20
Client Matrix: Solid

Date Sampled: 01/20/2011 11:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	7.80			0.100	0.100	0.100	SU	55659	01/25/2011 15:30	1	LO
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.0	U	UJ	10.0	50.0	11.0	mg/Kg	55628	01/25/2011 16:41	1	SG
C6-C35	STL00006	12.8	J		10.0	50.0	11.0	mg/Kg	55628	01/25/2011 16:41	1	SG
Over C12-C28	STL00035	12.8	J		10.0	50.0	11.0	mg/Kg	55628	01/25/2011 16:41	1	SG
Over C28-C35	STL00147	11.0	U	UJ	10.0	50.0	11.0	mg/Kg	55628	01/25/2011 16:41	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		288	275	105	70-130		SVGC#4	55606	01/25/2011 16:41	1	SG
o-Terphenyl	84-15-1		313	275	114	70-130		SVGC#4	55606	01/25/2011 16:41	1	SG

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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-2-3

Lab Sample ID: 560-24119-21
Client Matrix: Solid

Date Sampled: 01/20/2011 11:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55770	01/27/2011 08:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	18			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.25			0.0499	0.250	0.0530	mg/Kg	55875	01/31/2011 21:55	1	EDR
Barium	7440-39-3	103			0.109	0.250	0.116	mg/Kg	55875	01/31/2011 21:55	1	EDR
Cadmium	7440-43-9	0.0920	J		0.0721	0.250	0.0766	mg/Kg	55875	01/31/2011 21:55	1	EDR
Chromium	7440-47-3	6.44			0.112	0.250	0.119	mg/Kg	55875	01/31/2011 21:55	1	EDR
Lead	7439-92-1	8.60			0.205	0.500	0.218	mg/Kg	55875	01/31/2011 21:55	1	EDR
Selenium	7782-49-2	0.409		J	0.0435	0.250	0.0462	mg/Kg	55875	01/31/2011 21:55	1	EDR
Silver	7440-22-4	0.0729	U		0.0686	0.250	0.0729	mg/Kg	55875	01/31/2011 21:55	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0114	U		0.0180	0.200	0.0114	mg/Kg	55715	01/26/2011 13:39	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.726	U		0.700	5.00	0.726	ug/Kg	55735	01/27/2011 21:13	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.394	U		0.380	5.00	0.394	ug/Kg	55735	01/27/2011 21:13	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.695	U		0.670	5.00	0.695	ug/Kg	55735	01/27/2011 21:13	1	SG
1,1,2-Trichloroethane	79-00-5	0.518	U		0.500	5.00	0.518	ug/Kg	55735	01/27/2011 21:13	1	SG
1,1-Dichloroethane	75-34-3	0.612	U		0.590	5.00	0.612	ug/Kg	55735	01/27/2011 21:13	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-2-3

Lab Sample ID: 560-24119-21
Client Matrix: Solid

Date Sampled: 01/20/2011 11:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
1,1-Dichloropropene	563-58-6	0.539	U		0.520	5.00	0.539	ug/Kg	55735	01/27/2011 21:13	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.456	U		0.440	5.00	0.456	ug/Kg	55735	01/27/2011 21:13	1	SG
1,2,3-Trichloropropane	96-18-4	0.788	U		0.760	5.00	0.788	ug/Kg	55735	01/27/2011 21:13	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
1,2-Dichloroethane	107-06-2	0.539	U		0.520	5.00	0.539	ug/Kg	55735	01/27/2011 21:13	1	SG
1,2-Dichloropropane	78-87-5	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.218	U		0.210	5.00	0.218	ug/Kg	55735	01/27/2011 21:13	1	SG
1,3-Dichloropropane	142-28-9	0.249	U		0.240	5.00	0.249	ug/Kg	55735	01/27/2011 21:13	1	SG
1,4-Dioxane	123-91-1	41.5	U		40.0	100	41.5	ug/Kg	55735	01/27/2011 21:13	1	SG
2,2-Dichloropropane	594-20-7	0.871	U		0.840	5.00	0.871	ug/Kg	55735	01/27/2011 21:13	1	SG
2-Butanone (MEK)	78-93-3	1.04	U		1.00	5.00	1.04	ug/Kg	55735	01/27/2011 21:13	1	SG
2-Hexanone	591-78-6	1.24	U		1.20	5.00	1.24	ug/Kg	55735	01/27/2011 21:13	1	SG
2-Nitropropane	79-46-9	0.539	U		0.520	5.00	0.539	ug/Kg	55735	01/27/2011 21:13	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.964	U		0.930	5.00	0.964	ug/Kg	55735	01/27/2011 21:13	1	SG
Acetone	67-64-1	9.62	J	JH	7.20	25.0	7.46	ug/Kg	55735	01/27/2011 21:13	1	SG
Acetonitrile	75-05-8	38.4	U		37.0	50.0	38.4	ug/Kg	55735	01/27/2011 21:13	1	SG
Benzene	71-43-2	0.238	U		0.230	5.00	0.238	ug/Kg	55735	01/27/2011 21:13	1	SG
Bromoform	75-25-2	0.529	U		0.510	5.00	0.529	ug/Kg	55735	01/27/2011 21:13	1	SG
Bromomethane	74-83-9	1.14	U		1.10	5.00	1.14	ug/Kg	55735	01/27/2011 21:13	1	SG
Carbon disulfide	75-15-0	0.757	U		0.730	5.00	0.757	ug/Kg	55735	01/27/2011 21:13	1	SG
Carbon tetrachloride	56-23-5	0.529	U		0.510	5.00	0.529	ug/Kg	55735	01/27/2011 21:13	1	SG
Chlorobenzene	108-90-7	0.238	U		0.230	5.00	0.238	ug/Kg	55735	01/27/2011 21:13	1	SG
Chlorodibromomethane	124-48-1	0.663	U		0.640	5.00	0.663	ug/Kg	55735	01/27/2011 21:13	1	SG
Chloroethane	75-00-3	0.270	U		0.260	5.00	0.270	ug/Kg	55735	01/27/2011 21:13	1	SG
Chloroform	67-66-3	0.902	U		0.870	5.00	0.902	ug/Kg	55735	01/27/2011 21:13	1	SG
Chloromethane	74-87-3	1.24	U		1.20	5.00	1.24	ug/Kg	55735	01/27/2011 21:13	1	SG
cis-1,2-Dichloroethene	156-59-2	0.591	U		0.570	5.00	0.591	ug/Kg	55735	01/27/2011 21:13	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
Dibromomethane	74-95-3	0.736	U		0.710	5.00	0.736	ug/Kg	55735	01/27/2011 21:13	1	SG
Dichlorobromomethane	75-27-4	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
Dichlorodifluoromethane	75-71-8	0.757	U		0.730	5.00	0.757	ug/Kg	55735	01/27/2011 21:13	1	SG
Ethyl acetate	141-78-6	1.24	U		1.20	5.00	1.24	ug/Kg	55735	01/27/2011 21:13	1	SG
Ethyl ether	60-29-7	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
Ethyl methacrylate	97-63-2	0.529	U		0.510	5.00	0.529	ug/Kg	55735	01/27/2011 21:13	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-2-3

Lab Sample ID: 560-24119-21
Client Matrix: Solid

Date Sampled: 01/20/2011 11:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.228	U		0.220	5.00	0.228	ug/Kg	55735	01/27/2011 21:13	1	SG
Ethylene Dibromide	106-93-4	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
Iodomethane	74-88-4	0.829	U		0.800	5.00	0.829	ug/Kg	55735	01/27/2011 21:13	1	SG
Methyl methacrylate	80-62-6	1.14	U		1.10	5.00	1.14	ug/Kg	55735	01/27/2011 21:13	1	SG
Methyl tert-butyl ether	1634-04-4	0.632	U		0.610	5.00	0.632	ug/Kg	55735	01/27/2011 21:13	1	SG
Methylene Chloride	75-09-2	5.18	U		5.00	25.0	5.18	ug/Kg	55735	01/27/2011 21:13	1	SG
Styrene	100-42-5	0.207	U		0.200	5.00	0.207	ug/Kg	55735	01/27/2011 21:13	1	SG
Tetrachloroethene	127-18-4	0.767	U		0.740	5.00	0.767	ug/Kg	55735	01/27/2011 21:13	1	SG
Toluene	108-88-3	0.581	U		0.560	5.00	0.581	ug/Kg	55735	01/27/2011 21:13	1	SG
trans-1,2-Dichloroethene	156-60-5	0.518	U		0.500	5.00	0.518	ug/Kg	55735	01/27/2011 21:13	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.539	U		0.520	5.00	0.539	ug/Kg	55735	01/27/2011 21:13	1	SG
Trichloroethene	79-01-6	0.290	U		0.280	5.00	0.290	ug/Kg	55735	01/27/2011 21:13	1	SG
Trichlorofluoromethane	75-69-4	0.518	U		0.500	5.00	0.518	ug/Kg	55735	01/27/2011 21:13	1	SG
Vinyl acetate	108-05-4	1.14	U		1.10	5.00	1.14	ug/Kg	55735	01/27/2011 21:13	1	SG
Vinyl chloride	75-01-4	0.622	U		0.600	5.00	0.622	ug/Kg	55735	01/27/2011 21:13	1	SG
Xylenes, Total	1330-20-7	0.373	U		0.360	15.0	0.373	ug/Kg	55735	01/27/2011 21:13	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		93.8	51.8	181	69-136	X	VGCMS#3	55770	01/27/2011 21:13	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		39.8	51.8	77	56-129		VGCMS#3	55770	01/27/2011 21:13	1	SG
Dibromofluoromethane (Surr)	1868-53-7		69.3	51.8	134	63-135		VGCMS#3	55770	01/27/2011 21:13	1	SG
Toluene-d8 (Surr)	2037-26-5		45.7	51.8	88	66-124		VGCMS#3	55770	01/27/2011 21:13	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-2-3

Lab Sample ID: 560-24119-21
Client Matrix: Solid

Date Sampled: 01/20/2011 11:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	55.8	U		45.7	330	55.8	ug/Kg	55757	01/28/2011 01:48	1	GEF
1,2-Dichlorobenzene	95-50-1	63.6	U		52.1	330	63.6	ug/Kg	55757	01/28/2011 01:48	1	GEF
1,3-Dichlorobenzene	541-73-1	53.5	U		43.8	330	53.5	ug/Kg	55757	01/28/2011 01:48	1	GEF
1,4-Dichlorobenzene	106-46-7	55.9	U		45.8	330	55.9	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,4-Dichlorophenol	120-83-2	27.9	U		22.8	330	27.9	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,4-Dimethylphenol	105-67-9	24.9	U		20.4	330	24.9	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,4-Dinitrophenol	51-28-5	122	U		100	330	122	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,4-Dinitrotoluene	121-14-2	61.1	U		50.0	330	61.1	ug/Kg	55757	01/28/2011 01:48	1	GEF
2,6-Dinitrotoluene	606-20-2	61.1	U		50.0	330	61.1	ug/Kg	55757	01/28/2011 01:48	1	GEF
2-Chloronaphthalene	91-58-7	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
2-Chlorophenol	95-57-8	34.0	U		27.8	330	34.0	ug/Kg	55757	01/28/2011 01:48	1	GEF
2-Methylnaphthalene	91-57-6	38.0	U		31.1	330	38.0	ug/Kg	55757	01/28/2011 01:48	1	GEF
2-Methylphenol	95-48-7	40.3	U		33.0	330	40.3	ug/Kg	55757	01/28/2011 01:48	1	GEF
2-Nitroaniline	88-74-4	27.1	U		22.2	330	27.1	ug/Kg	55757	01/28/2011 01:48	1	GEF
2-Nitrophenol	88-75-5	20.8	U		17.0	330	20.8	ug/Kg	55757	01/28/2011 01:48	1	GEF
3 & 4 Methylphenol	15831-10-4	61.1	U		50.0	670	61.1	ug/Kg	55757	01/28/2011 01:48	1	GEF
3,3'-Dichlorobenzidine	91-94-1	204	U		167	330	204	ug/Kg	55757	01/28/2011 01:48	1	GEF
3-Nitroaniline	99-09-2	122	U		100	330	122	ug/Kg	55757	01/28/2011 01:48	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	61.1	U		50.0	330	61.1	ug/Kg	55757	01/28/2011 01:48	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
4-Chloroaniline	106-47-8	122	U		100	330	122	ug/Kg	55757	01/28/2011 01:48	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
4-Nitroaniline	100-01-6	122	U		100	330	122	ug/Kg	55757	01/28/2011 01:48	1	GEF
4-Nitrophenol	100-02-7	122	U		100	330	122	ug/Kg	55757	01/28/2011 01:48	1	GEF
Acenaphthene	83-32-9	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Acenaphthylene	208-96-8	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Anthracene	120-12-7	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Benzo[a]anthracene	56-55-3	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Benzo[a]pyrene	50-32-8	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Benzo[b]fluoranthene	205-99-2	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-2-3

Lab Sample ID: 560-24119-21
Client Matrix: Solid

Date Sampled: 01/20/2011 11:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Benzo[k]fluoranthene	207-08-9	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Benzyl alcohol	100-51-6	29.9	U		24.5	330	29.9	ug/Kg	55757	01/28/2011 01:48	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Bis(2-chloroethyl)ether	111-44-4	45.7	U		37.4	330	45.7	ug/Kg	55757	01/28/2011 01:48	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	131	~~J~~ U	b	16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Butyl benzyl phthalate	85-68-7	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Chrysene	218-01-9	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Di-n-butyl phthalate	84-74-2	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Di-n-octyl phthalate	117-84-0	22.8	U		18.7	330	22.8	ug/Kg	55757	01/28/2011 01:48	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Dibenzofuran	132-64-9	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Diethyl phthalate	84-66-2	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Dimethyl phthalate	131-11-3	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Fluoranthene	206-44-0	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Fluorene	86-73-7	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Hexachlorobenzene	118-74-1	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Hexachlorobutadiene	87-68-3	54.6	U		44.7	330	54.6	ug/Kg	55757	01/28/2011 01:48	1	GEF
Hexachlorocyclopentadiene	77-47-4	61.1	U		50.0	330	61.1	ug/Kg	55757	01/28/2011 01:48	1	GEF
Hexachloroethane	67-72-1	61.2	U		50.1	330	61.2	ug/Kg	55757	01/28/2011 01:48	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Isophorone	78-59-1	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Naphthalene	91-20-3	50.9	U		41.7	330	50.9	ug/Kg	55757	01/28/2011 01:48	1	GEF
Nitrobenzene	98-95-3	44.5	U		36.4	330	44.5	ug/Kg	55757	01/28/2011 01:48	1	GEF
Pentachlorophenol	87-86-5	122	U		100	330	122	ug/Kg	55757	01/28/2011 01:48	1	GEF
Phenanthrene	85-01-8	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Phenol	108-95-2	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF
Pyrene	129-00-0	20.4	U		16.7	330	20.4	ug/Kg	55757	01/28/2011 01:48	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5790	6110	95	65-120		SVGCMS#3	55726	01/28/2011 01:48	1	GEF
2-Fluorobiphenyl	321-60-8		3200	4070	79	64-120		SVGCMS#3	55726	01/28/2011 01:48	1	GEF
2-Fluorophenol	367-12-4		4200	6110	69	53-120		SVGCMS#3	55726	01/28/2011 01:48	1	GEF
Nitrobenzene-d5	4165-60-0		2980	4070	73	55-120		SVGCMS#3	55726	01/28/2011 01:48	1	GEF
Phenol-d5	4165-62-2		4520	6110	74	59-120		SVGCMS#3	55726	01/28/2011 01:48	1	GEF
Terphenyl-d14	1718-51-0		3360	4070	83	67-120		SVGCMS#3	55726	01/28/2011 01:48	1	GEF

S. Chaffe
FEB 2 5 2011

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB3-2-3

Lab Sample ID: 560-24119-21
Client Matrix: Solid

Date Sampled: 01/20/2011 11:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.2	U		10.0	50.0	12.2	mg/Kg	55628	01/25/2011 16:50	1	SG
C6-C35	STL00006	17.4	J		10.0	50.0	12.2	mg/Kg	55628	01/25/2011 16:50	1	SG
Over C12-C28	STL00035	17.4	J		10.0	50.0	12.2	mg/Kg	55628	01/25/2011 16:50	1	SG
Over C28-C35	STL00147	12.2	U		10.0	50.0	12.2	mg/Kg	55628	01/25/2011 16:50	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		326	304	107	70-130		SVGC#4	55606	01/25/2011 16:50	1	SG
o-Terphenyl	84-15-1		354	304	116	70-130		SVGC#4	55606	01/25/2011 16:50	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-0-0.5

Lab Sample ID: 560-24119-22
Client Matrix: Solid

Date Sampled: 01/20/2011 11:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55770	01/27/2011 08:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	18			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.11		b	0.0499	0.250	0.0602	mg/Kg	55875	02/01/2011 01:35	1	EDR
Barium	7440-39-3	56.3			0.109	0.250	0.131	mg/Kg	55875	02/01/2011 01:35	1	EDR
Cadmium	7440-43-9	0.0869	U		0.0721	0.250	0.0869	mg/Kg	55875	02/01/2011 01:35	1	EDR
Chromium	7440-47-3	4.24			0.112	0.250	0.135	mg/Kg	55875	02/01/2011 01:35	1	EDR
Lead	7439-92-1	4.85			0.205	0.500	0.247	mg/Kg	55875	02/01/2011 01:35	1	EDR
Selenium	7782-49-2	0.436	J	b	0.0435	0.250	0.0524	mg/Kg	55875	02/01/2011 01:35	1	EDR
Silver	7440-22-4	0.0827	U		0.0686	0.250	0.0827	mg/Kg	55875	02/01/2011 01:35	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0173	U		0.0180	0.200	0.0173	mg/Kg	55715	01/26/2011 13:46	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.798	U		0.700	5.00	0.798	ug/Kg	55735	01/27/2011 20:47	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.433	U		0.380	5.00	0.433	ug/Kg	55735	01/27/2011 20:47	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.764	U		0.670	5.00	0.764	ug/Kg	55735	01/27/2011 20:47	1	SG
1,1,2-Trichloroethane	79-00-5	0.570	U		0.500	5.00	0.570	ug/Kg	55735	01/27/2011 20:47	1	SG
1,1-Dichloroethane	75-34-3	0.673	U		0.590	5.00	0.673	ug/Kg	55735	01/27/2011 20:47	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-0-0.5

Lab Sample ID: 560-24119-22
Client Matrix: Solid

Date Sampled: 01/20/2011 11:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.794	J	JH	0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
1,1-Dichloropropene	563-58-6	0.593	U		0.520	5.00	0.593	ug/Kg	55735	01/27/2011 20:47	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.502	U		0.440	5.00	0.502	ug/Kg	55735	01/27/2011 20:47	1	SG
1,2,3-Trichloropropane	96-18-4	0.867	U		0.760	5.00	0.867	ug/Kg	55735	01/27/2011 20:47	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
1,2-Dichloroethane	107-06-2	0.593	U		0.520	5.00	0.593	ug/Kg	55735	01/27/2011 20:47	1	SG
1,2-Dichloropropane	78-87-5	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.240	U		0.210	5.00	0.240	ug/Kg	55735	01/27/2011 20:47	1	SG
1,3-Dichloropropane	142-28-9	0.274	U		0.240	5.00	0.274	ug/Kg	55735	01/27/2011 20:47	1	SG
1,4-Dioxane	123-91-1	45.6	U		40.0	100	45.6	ug/Kg	55735	01/27/2011 20:47	1	SG
2,2-Dichloropropane	594-20-7	0.958	U		0.840	5.00	0.958	ug/Kg	55735	01/27/2011 20:47	1	SG
2-Butanone (MEK)	78-93-3	1.14	U		1.00	5.00	1.14	ug/Kg	55735	01/27/2011 20:47	1	SG
2-Hexanone	591-78-6	1.37	U		1.20	5.00	1.37	ug/Kg	55735	01/27/2011 20:47	1	SG
2-Nitropropane	79-46-9	0.593	U		0.520	5.00	0.593	ug/Kg	55735	01/27/2011 20:47	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.06	U		0.930	5.00	1.06	ug/Kg	55735	01/27/2011 20:47	1	SG
Acetone	67-64-1	12.9	J	JH	7.20	25.0	8.21	ug/Kg	55735	01/27/2011 20:47	1	SG
Acetonitrile	75-05-8	42.2	U		37.0	50.0	42.2	ug/Kg	55735	01/27/2011 20:47	1	SG
Benzene	71-43-2	0.262	U		0.230	5.00	0.262	ug/Kg	55735	01/27/2011 20:47	1	SG
Bromoform	75-25-2	0.582	U		0.510	5.00	0.582	ug/Kg	55735	01/27/2011 20:47	1	SG
Bromomethane	74-83-9	1.25	U		1.10	5.00	1.25	ug/Kg	55735	01/27/2011 20:47	1	SG
Carbon disulfide	75-15-0	0.833	U		0.730	5.00	0.833	ug/Kg	55735	01/27/2011 20:47	1	SG
Carbon tetrachloride	56-23-5	0.582	U		0.510	5.00	0.582	ug/Kg	55735	01/27/2011 20:47	1	SG
Chlorobenzene	108-90-7	0.262	U		0.230	5.00	0.262	ug/Kg	55735	01/27/2011 20:47	1	SG
Chlorodibromomethane	124-48-1	0.730	U		0.640	5.00	0.730	ug/Kg	55735	01/27/2011 20:47	1	SG
Chloroethane	75-00-3	0.297	U		0.260	5.00	0.297	ug/Kg	55735	01/27/2011 20:47	1	SG
Chloroform	67-66-3	0.992	U		0.870	5.00	0.992	ug/Kg	55735	01/27/2011 20:47	1	SG
Chloromethane	74-87-3	1.37	U		1.20	5.00	1.37	ug/Kg	55735	01/27/2011 20:47	1	SG
cis-1,2-Dichloroethene	156-59-2	0.650	U		0.570	5.00	0.650	ug/Kg	55735	01/27/2011 20:47	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
Dibromomethane	74-95-3	0.810	U		0.710	5.00	0.810	ug/Kg	55735	01/27/2011 20:47	1	SG
Dichlorobromomethane	75-27-4	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
Dichlorodifluoromethane	75-71-8	0.833	U		0.730	5.00	0.833	ug/Kg	55735	01/27/2011 20:47	1	SG
Ethyl acetate	141-78-6	1.37	U		1.20	5.00	1.37	ug/Kg	55735	01/27/2011 20:47	1	SG
Ethyl ether	60-29-7	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
Ethyl methacrylate	97-63-2	0.582	U		0.510	5.00	0.582	ug/Kg	55735	01/27/2011 20:47	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-0-0.5

Lab Sample ID: 560-24119-22
Client Matrix: Solid

Date Sampled: 01/20/2011 11:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.251	U		0.220	5.00	0.251	ug/Kg	55735	01/27/2011 20:47	1	SG
Ethylene Dibromide	106-93-4	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
Iodomethane	74-88-4	0.912	U		0.800	5.00	0.912	ug/Kg	55735	01/27/2011 20:47	1	SG
Methyl methacrylate	80-62-6	1.25	U		1.10	5.00	1.25	ug/Kg	55735	01/27/2011 20:47	1	SG
Methyl tert-butyl ether	1634-04-4	0.696	U		0.610	5.00	0.696	ug/Kg	55735	01/27/2011 20:47	1	SG
Methylene Chloride	75-09-2	5.70	U		5.00	25.0	5.70	ug/Kg	55735	01/27/2011 20:47	1	SG
Styrene	100-42-5	0.228	U		0.200	5.00	0.228	ug/Kg	55735	01/27/2011 20:47	1	SG
Tetrachloroethene	127-18-4	0.844	U		0.740	5.00	0.844	ug/Kg	55735	01/27/2011 20:47	1	SG
Toluene	108-88-3	0.639	U		0.560	5.00	0.639	ug/Kg	55735	01/27/2011 20:47	1	SG
trans-1,2-Dichloroethene	156-60-5	0.570	U		0.500	5.00	0.570	ug/Kg	55735	01/27/2011 20:47	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.593	U		0.520	5.00	0.593	ug/Kg	55735	01/27/2011 20:47	1	SG
Trichloroethene	79-01-6	0.319	U		0.280	5.00	0.319	ug/Kg	55735	01/27/2011 20:47	1	SG
Trichlorofluoromethane	75-69-4	0.570	U		0.500	5.00	0.570	ug/Kg	55735	01/27/2011 20:47	1	SG
Vinyl acetate	108-05-4	1.25	U		1.10	5.00	1.25	ug/Kg	55735	01/27/2011 20:47	1	SG
Vinyl chloride	75-01-4	0.684	U		0.600	5.00	0.684	ug/Kg	55735	01/27/2011 20:47	1	SG
Xylenes, Total	1330-20-7	0.728	J	JH	0.360	15.0	0.411	ug/Kg	55735	01/27/2011 20:47	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		99.3	57.0	174	69-136	X	VGCMS#3	55770	01/27/2011 20:47	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		45.0	57.0	79	56-129		VGCMS#3	55770	01/27/2011 20:47	1	SG
Dibromofluoromethane (Surr)	1868-53-7		79.2	57.0	139	63-135	X	VGCMS#3	55770	01/27/2011 20:47	1	SG
Toluene-d8 (Surr)	2037-26-5		51.1	57.0	90	66-124		VGCMS#3	55770	01/27/2011 20:47	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-0-0.5

Lab Sample ID: 560-24119-22
Client Matrix: Solid

Date Sampled: 01/20/2011 11:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	56.0	U		45.7	330	56.0	ug/Kg	55775	01/28/2011 10:13	1	GEF
1,2-Dichlorobenzene	95-50-1	63.9	U		52.1	330	63.9	ug/Kg	55775	01/28/2011 10:13	1	GEF
1,3-Dichlorobenzene	541-73-1	53.7	U		43.8	330	53.7	ug/Kg	55775	01/28/2011 10:13	1	GEF
1,4-Dichlorobenzene	106-46-7	56.1	U		45.8	330	56.1	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,4-Dichlorophenol	120-83-2	27.9	U		22.8	330	27.9	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,4-Dimethylphenol	105-67-9	25.0	U		20.4	330	25.0	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,4-Dinitrophenol	51-28-5	123	U		100	330	123	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,4-Dinitrotoluene	121-14-2	61.3	U		50.0	330	61.3	ug/Kg	55775	01/28/2011 10:13	1	GEF
2,6-Dinitrotoluene	606-20-2	61.3	U		50.0	330	61.3	ug/Kg	55775	01/28/2011 10:13	1	GEF
2-Chloronaphthalene	91-58-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
2-Chlorophenol	95-57-8	34.1	U		27.8	330	34.1	ug/Kg	55775	01/28/2011 10:13	1	GEF
2-Methylnaphthalene	91-57-6	38.1	U		31.1	330	38.1	ug/Kg	55775	01/28/2011 10:13	1	GEF
2-Methylphenol	95-48-7	40.5	U		33.0	330	40.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
2-Nitroaniline	88-74-4	27.2	U		22.2	330	27.2	ug/Kg	55775	01/28/2011 10:13	1	GEF
2-Nitrophenol	88-75-5	20.8	U		17.0	330	20.8	ug/Kg	55775	01/28/2011 10:13	1	GEF
3 & 4 Methylphenol	15831-10-4	61.3	U		50.0	670	61.3	ug/Kg	55775	01/28/2011 10:13	1	GEF
3,3'-Dichlorobenzidine	91-94-1	205	U		167	330	205	ug/Kg	55775	01/28/2011 10:13	1	GEF
3-Nitroaniline	99-09-2	123	U		100	330	123	ug/Kg	55775	01/28/2011 10:13	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	61.3	U		50.0	330	61.3	ug/Kg	55775	01/28/2011 10:13	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
4-Chloroaniline	106-47-8	123	U		100	330	123	ug/Kg	55775	01/28/2011 10:13	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
4-Nitroaniline	100-01-6	123	U		100	330	123	ug/Kg	55775	01/28/2011 10:13	1	GEF
4-Nitrophenol	100-02-7	123	U		100	330	123	ug/Kg	55775	01/28/2011 10:13	1	GEF
Acenaphthene	83-32-9	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Acenaphthylene	208-96-8	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Anthracene	120-12-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Benzo[a]anthracene	56-55-3	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Benzo[a]pyrene	50-32-8	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Benzo[b]fluoranthene	205-99-2	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-0-0.5

Lab Sample ID: 560-24119-22
Client Matrix: Solid

Date Sampled: 01/20/2011 11:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Benzo[k]fluoranthene	207-08-9	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Benzyl alcohol	100-51-6	30.0	U		24.5	330	30.0	ug/Kg	55775	01/28/2011 10:13	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Bis(2-chloroethyl)ether	111-44-4	45.8	U		37.4	330	45.8	ug/Kg	55775	01/28/2011 10:13	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Butyl benzyl phthalate	85-68-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Chrysene	218-01-9	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Di-n-butyl phthalate	84-74-2	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Di-n-octyl phthalate	117-84-0	22.9	U		18.7	330	22.9	ug/Kg	55775	01/28/2011 10:13	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Dibenzofuran	132-64-9	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Diethyl phthalate	84-66-2	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Dimethyl phthalate	131-11-3	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Fluoranthene	206-44-0	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Fluorene	86-73-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Hexachlorobenzene	118-74-1	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Hexachlorobutadiene	87-68-3	54.8	U		44.7	330	54.8	ug/Kg	55775	01/28/2011 10:13	1	GEF
Hexachlorocyclopentadiene	77-47-4	61.3	U		50.0	330	61.3	ug/Kg	55775	01/28/2011 10:13	1	GEF
Hexachloroethane	67-72-1	61.4	U		50.1	330	61.4	ug/Kg	55775	01/28/2011 10:13	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Isophorone	78-59-1	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Naphthalene	91-20-3	51.1	U		41.7	330	51.1	ug/Kg	55775	01/28/2011 10:13	1	GEF
Nitrobenzene	98-95-3	44.6	U		36.4	330	44.6	ug/Kg	55775	01/28/2011 10:13	1	GEF
Pentachlorophenol	87-86-5	123	U		100	330	123	ug/Kg	55775	01/28/2011 10:13	1	GEF
Phenanthrene	85-01-8	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Phenol	108-95-2	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF
Pyrene	129-00-0	20.5	U		16.7	330	20.5	ug/Kg	55775	01/28/2011 10:13	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

S. Chafe
FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5680	6130	93	65-120		SVGCMS#3	55725	01/28/2011 10:13	1	GEF
2-Fluorobiphenyl	321-60-8		3270	4090	80	64-120		SVGCMS#3	55725	01/28/2011 10:13	1	GEF
2-Fluorophenol	367-12-4		4440	6130	72	53-120		SVGCMS#3	55725	01/28/2011 10:13	1	GEF
Nitrobenzene-d5	4165-60-0		3080	4090	75	55-120		SVGCMS#3	55725	01/28/2011 10:13	1	GEF
Phenol-d5	4165-62-2		4780	6130	78	59-120		SVGCMS#3	55725	01/28/2011 10:13	1	GEF
Terphenyl-d14	1718-51-0		3340	4090	82	67-120		SVGCMS#3	55725	01/28/2011 10:13	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-0-0.5

Lab Sample ID: 560-24119-22
Client Matrix: Solid

Date Sampled: 01/20/2011 11:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.2	U	UJ	10.0	50.0	12.2	mg/Kg	55688	01/26/2011 13:38	1	SG
C6-C35	STL00006	12.2	U	UJ	10.0	50.0	12.2	mg/Kg	55688	01/26/2011 13:38	1	SG
Over C12-C28	STL00035	12.2	U	UJ	10.0	50.0	12.2	mg/Kg	55688	01/26/2011 13:38	1	SG
Over C28-C35	STL00147	12.2	U	UJ	10.0	50.0	12.2	mg/Kg	55688	01/26/2011 13:38	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		349	306	114	70-130		SVGC#4	55671	01/26/2011 13:38	1	SG
o-Terphenyl	84-15-1		380	306	124	70-130		SVGC#4	55671	01/26/2011 13:38	1	SG

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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-2-3

Lab Sample ID: 560-24119-23
Client Matrix: Solid

Date Sampled: 01/20/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	16			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.04		b	0.0499	0.250	0.0487	mg/Kg	55875	02/01/2011 01:40	1	EDR
Barium	7440-39-3	173			0.109	0.250	0.532	mg/Kg	55927	02/01/2011 18:35	5	EDR
Cadmium	7440-43-9	0.137	J		0.0721	0.250	0.0704	mg/Kg	55875	02/01/2011 01:40	1	EDR
Chromium	7440-47-3	8.34			0.112	0.250	0.109	mg/Kg	55875	02/01/2011 01:40	1	EDR
Lead	7439-92-1	35.3			0.205	0.500	0.200	mg/Kg	55875	02/01/2011 01:40	1	EDR
Selenium	7782-49-2	1.17	J	b	0.0435	0.250	0.0425	mg/Kg	55875	02/01/2011 01:40	1	EDR
Silver	7440-22-4	0.0758	J		0.0686	0.250	0.0669	mg/Kg	55875	02/01/2011 01:40	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0153	J		0.0180	0.200	0.0135	mg/Kg	55715	01/26/2011 13:51	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.719	U		0.700	5.00	0.719	ug/Kg	55984	02/03/2011 21:19	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.390	U		0.380	5.00	0.390	ug/Kg	55984	02/03/2011 21:19	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.688	U		0.670	5.00	0.688	ug/Kg	55984	02/03/2011 21:19	1	SG
1,1,2-Trichloroethane	79-00-5	0.514	U		0.500	5.00	0.514	ug/Kg	55984	02/03/2011 21:19	1	SG
1,1-Dichloroethane	75-34-3	0.606	U		0.590	5.00	0.606	ug/Kg	55984	02/03/2011 21:19	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-2-3

Lab Sample ID: 560-24119-23
Client Matrix: Solid

Date Sampled: 01/20/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.23	J		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
1,1-Dichloropropene	563-58-6	0.534	U		0.520	5.00	0.534	ug/Kg	55984	02/03/2011 21:19	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.452	U		0.440	5.00	0.452	ug/Kg	55984	02/03/2011 21:19	1	SG
1,2,3-Trichloropropane	96-18-4	0.781	U		0.760	5.00	0.781	ug/Kg	55984	02/03/2011 21:19	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.693	J		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
1,2-Dichloroethane	107-06-2	0.534	U		0.520	5.00	0.534	ug/Kg	55984	02/03/2011 21:19	1	SG
1,2-Dichloropropane	78-87-5	0.205	U		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.216	U		0.210	5.00	0.216	ug/Kg	55984	02/03/2011 21:19	1	SG
1,3-Dichloropropane	142-28-9	0.247	U		0.240	5.00	0.247	ug/Kg	55984	02/03/2011 21:19	1	SG
1,4-Dioxane	123-91-1	41.1	U		40.0	100	41.1	ug/Kg	55984	02/03/2011 21:19	1	SG
2,2-Dichloropropane	594-20-7	0.863	U		0.840	5.00	0.863	ug/Kg	55984	02/03/2011 21:19	1	SG
2-Butanone (MEK)	78-93-3	1.03	U		1.00	5.00	1.03	ug/Kg	55984	02/03/2011 21:19	1	SG
2-Hexanone	591-78-6	1.23	U	*	1.20	5.00	1.23	ug/Kg	55984	02/03/2011 21:19	1	SG
2-Nitropropane	79-46-9	0.534	U	*	0.520	5.00	0.534	ug/Kg	55984	02/03/2011 21:19	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.955	U	*	0.930	5.00	0.955	ug/Kg	55984	02/03/2011 21:19	1	SG
Acetone	67-64-1	7.40	U		7.20	25.0	7.40	ug/Kg	55984	02/03/2011 21:19	1	SG
Acetonitrile	75-05-8	38.0	U		37.0	50.0	38.0	ug/Kg	55984	02/03/2011 21:19	1	SG
Benzene	71-43-2	0.236	U		0.230	5.00	0.236	ug/Kg	55984	02/03/2011 21:19	1	SG
Bromoform	75-25-2	0.524	U		0.510	5.00	0.524	ug/Kg	55984	02/03/2011 21:19	1	SG
Bromomethane	74-83-9	1.13	U		1.10	5.00	1.13	ug/Kg	55984	02/03/2011 21:19	1	SG
Carbon disulfide	75-15-0	0.750	U		0.730	5.00	0.750	ug/Kg	55984	02/03/2011 21:19	1	SG
Carbon tetrachloride	56-23-5	0.524	U		0.510	5.00	0.524	ug/Kg	55984	02/03/2011 21:19	1	SG
Chlorobenzene	108-90-7	0.236	U		0.230	5.00	0.236	ug/Kg	55984	02/03/2011 21:19	1	SG
Chlorodibromomethane	124-48-1	0.657	U		0.640	5.00	0.657	ug/Kg	55984	02/03/2011 21:19	1	SG
Chloroethane	75-00-3	0.267	U		0.260	5.00	0.267	ug/Kg	55984	02/03/2011 21:19	1	SG
Chloroform	67-66-3	0.894	U		0.870	5.00	0.894	ug/Kg	55984	02/03/2011 21:19	1	SG
Chloromethane	74-87-3	1.23	U		1.20	5.00	1.23	ug/Kg	55984	02/03/2011 21:19	1	SG
cis-1,2-Dichloroethene	156-59-2	0.585	U		0.570	5.00	0.585	ug/Kg	55984	02/03/2011 21:19	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.205	U		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
Dibromomethane	74-95-3	0.729	U		0.710	5.00	0.729	ug/Kg	55984	02/03/2011 21:19	1	SG
Dichlorobromomethane	75-27-4	0.205	U		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
Dichlorodifluoromethane	75-71-8	0.750	U		0.730	5.00	0.750	ug/Kg	55984	02/03/2011 21:19	1	SG
Ethyl acetate	141-78-6	1.23	U		1.20	5.00	1.23	ug/Kg	55984	02/03/2011 21:19	1	SG
Ethyl ether	60-29-7	0.205	U		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
Ethyl methacrylate	97-63-2	0.524	U		0.510	5.00	0.524	ug/Kg	55984	02/03/2011 21:19	1	SG

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Chain of Custody

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-2-3

Lab Sample ID: 560-24119-23
Client Matrix: Solid

Date Sampled: 01/20/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.226	U		0.220	5.00	0.226	ug/Kg	55984	02/03/2011 21:19	1	SG
Ethylene Dibromide	106-93-4	0.205	U		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
Iodomethane	74-88-4	0.822	U		0.800	5.00	0.822	ug/Kg	55984	02/03/2011 21:19	1	SG
Methyl methacrylate	80-62-6	1.13	U		1.10	5.00	1.13	ug/Kg	55984	02/03/2011 21:19	1	SG
Methyl tert-butyl ether	1634-04-4	0.627	U		0.610	5.00	0.627	ug/Kg	55984	02/03/2011 21:19	1	SG
Methylene Chloride	75-09-2	5.14	U		5.00	25.0	5.14	ug/Kg	55984	02/03/2011 21:19	1	SG
Styrene	100-42-5	0.205	U		0.200	5.00	0.205	ug/Kg	55984	02/03/2011 21:19	1	SG
Tetrachloroethene	127-18-4	0.760	U		0.740	5.00	0.760	ug/Kg	55984	02/03/2011 21:19	1	SG
Toluene	108-88-3	0.575	U		0.560	5.00	0.575	ug/Kg	55984	02/03/2011 21:19	1	SG
trans-1,2-Dichloroethene	156-60-5	0.514	U		0.500	5.00	0.514	ug/Kg	55984	02/03/2011 21:19	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.534	U		0.520	5.00	0.534	ug/Kg	55984	02/03/2011 21:19	1	SG
Trichloroethene	79-01-6	0.288	U		0.280	5.00	0.288	ug/Kg	55984	02/03/2011 21:19	1	SG
Trichlorofluoromethane	75-69-4	0.514	U		0.500	5.00	0.514	ug/Kg	55984	02/03/2011 21:19	1	SG
Vinyl acetate	108-05-4	1.13	U		1.10	5.00	1.13	ug/Kg	55984	02/03/2011 21:19	1	SG
Vinyl chloride	75-01-4	0.616	U		0.600	5.00	0.616	ug/Kg	55984	02/03/2011 21:19	1	SG
Xylenes, Total	1330-20-7	0.370	U		0.360	15.0	0.370	ug/Kg	55984	02/03/2011 21:19	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		54.1	51.4	105	69-136		VGCMS#3	55995	02/03/2011 21:19	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		43.4	51.4	85	56-129		VGCMS#3	55995	02/03/2011 21:19	1	SG
Dibromofluoromethane (Surr)	1868-53-7		57.5	51.4	112	63-135		VGCMS#3	55995	02/03/2011 21:19	1	SG
Toluene-d8 (Surr)	2037-26-5		52.1	51.4	101	66-124		VGCMS#3	55995	02/03/2011 21:19	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-2-3

Lab Sample ID: 560-24119-23
Client Matrix: Solid

Date Sampled: 01/20/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	54.6	U		45.7	330	54.6	ug/Kg	55775	01/28/2011 10:39	1	GEF
1,2-Dichlorobenzene	95-50-1	62.3	U		52.1	330	62.3	ug/Kg	55775	01/28/2011 10:39	1	GEF
1,3-Dichlorobenzene	541-73-1	52.3	U		43.8	330	52.3	ug/Kg	55775	01/28/2011 10:39	1	GEF
1,4-Dichlorobenzene	106-46-7	54.7	U		45.8	330	54.7	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,4-Dichlorophenol	120-83-2	27.2	U		22.8	330	27.2	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,4-Dimethylphenol	105-67-9	24.4	U		20.4	330	24.4	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,4-Dinitrophenol	51-28-5	120	U		100	330	120	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,4-Dinitrotoluene	121-14-2	59.8	U		50.0	330	59.8	ug/Kg	55775	01/28/2011 10:39	1	GEF
2,6-Dinitrotoluene	606-20-2	59.8	U		50.0	330	59.8	ug/Kg	55775	01/28/2011 10:39	1	GEF
2-Chloronaphthalene	91-58-7	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
2-Chlorophenol	95-57-8	33.2	U		27.8	330	33.2	ug/Kg	55775	01/28/2011 10:39	1	GEF
2-Methylnaphthalene	91-57-6	37.2	U		31.1	330	37.2	ug/Kg	55775	01/28/2011 10:39	1	GEF
2-Methylphenol	95-48-7	39.4	U		33.0	330	39.4	ug/Kg	55775	01/28/2011 10:39	1	GEF
2-Nitroaniline	88-74-4	26.5	U		22.2	330	26.5	ug/Kg	55775	01/28/2011 10:39	1	GEF
2-Nitrophenol	88-75-5	20.3	U		17.0	330	20.3	ug/Kg	55775	01/28/2011 10:39	1	GEF
3 & 4 Methylphenol	15831-10-4	59.8	U		50.0	670	59.8	ug/Kg	55775	01/28/2011 10:39	1	GEF
3,3'-Dichlorobenzidine	91-94-1	200	U		167	330	200	ug/Kg	55775	01/28/2011 10:39	1	GEF
3-Nitroaniline	99-09-2	120	U		100	330	120	ug/Kg	55775	01/28/2011 10:39	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	59.8	U		50.0	330	59.8	ug/Kg	55775	01/28/2011 10:39	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
4-Chloroaniline	106-47-8	120	U		100	330	120	ug/Kg	55775	01/28/2011 10:39	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
4-Nitroaniline	100-01-6	120	U		100	330	120	ug/Kg	55775	01/28/2011 10:39	1	GEF
4-Nitrophenol	100-02-7	120	U		100	330	120	ug/Kg	55775	01/28/2011 10:39	1	GEF
Acenaphthene	83-32-9	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Acenaphthylene	208-96-8	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Anthracene	120-12-7	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Benzo[a]anthracene	56-55-3	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Benzo[a]pyrene	50-32-8	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Benzo[b]fluoranthene	205-99-2	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF

FEB 25 11

S. Claire

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-2-3

Lab Sample ID: 560-24119-23
Client Matrix: Solid

Date Sampled: 01/20/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Benzo[k]fluoranthene	207-08-9	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Benzyl alcohol	100-51-6	29.3	U		24.5	330	29.3	ug/Kg	55775	01/28/2011 10:39	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Bis(2-chloroethyl)ether	111-44-4	44.7	U		37.4	330	44.7	ug/Kg	55775	01/28/2011 10:39	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	48.7	J		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Butyl benzyl phthalate	85-68-7	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Chrysene	218-01-9	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Di-n-butyl phthalate	84-74-2	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Di-n-octyl phthalate	117-84-0	22.3	U		18.7	330	22.3	ug/Kg	55775	01/28/2011 10:39	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Dibenzofuran	132-64-9	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Diethyl phthalate	84-66-2	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Dimethyl phthalate	131-11-3	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Fluoranthene	206-44-0	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Fluorene	86-73-7	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Hexachlorobenzene	118-74-1	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Hexachlorobutadiene	87-68-3	53.4	U		44.7	330	53.4	ug/Kg	55775	01/28/2011 10:39	1	GEF
Hexachlorocyclopentadiene	77-47-4	59.8	U		50.0	330	59.8	ug/Kg	55775	01/28/2011 10:39	1	GEF
Hexachloroethane	67-72-1	59.9	U		50.1	330	59.9	ug/Kg	55775	01/28/2011 10:39	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Isophorone	78-59-1	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Naphthalene	91-20-3	49.8	U		41.7	330	49.8	ug/Kg	55775	01/28/2011 10:39	1	GEF
Nitrobenzene	98-95-3	43.5	U		36.4	330	43.5	ug/Kg	55775	01/28/2011 10:39	1	GEF
Pentachlorophenol	87-86-5	120	U		100	330	120	ug/Kg	55775	01/28/2011 10:39	1	GEF
Phenanthrene	85-01-8	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Phenol	108-95-2	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF
Pyrene	129-00-0	20.0	U		16.7	330	20.0	ug/Kg	55775	01/28/2011 10:39	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

S. Chaffe
FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5120	5980	86	65-120		SVGCMS#3	55725	01/28/2011 10:39	1	GEF
2-Fluorobiphenyl	321-60-8		2950	3980	74	64-120		SVGCMS#3	55725	01/28/2011 10:39	1	GEF
2-Fluorophenol	367-12-4		3880	5980	65	53-120		SVGCMS#3	55725	01/28/2011 10:39	1	GEF
Nitrobenzene-d5	4165-60-0		2740	3980	69	55-120		SVGCMS#3	55725	01/28/2011 10:39	1	GEF
Phenol-d5	4165-62-2		4230	5980	71	59-120		SVGCMS#3	55725	01/28/2011 10:39	1	GEF
Terphenyl-d14	1718-51-0		2970	3980	75	67-120		SVGCMS#3	55725	01/28/2011 10:39	1	GEF

S. Chafe

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB4-2-3

Lab Sample ID: 560-24119-23
Client Matrix: Solid

Date Sampled: 01/20/2011 11:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.9	U	UJ	10.0	50.0	11.9	mg/Kg	55688	01/26/2011 13:47	1	SG
C6-C35	STL00006	15.8	J		10.0	50.0	11.9	mg/Kg	55688	01/26/2011 13:47	1	SG
Over C12-C28	STL00035	15.8	J		10.0	50.0	11.9	mg/Kg	55688	01/26/2011 13:47	1	SG
Over C28-C35	STL00147	11.9	U	UJ	10.0	50.0	11.9	mg/Kg	55688	01/26/2011 13:47	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		338	298	113	70-130		SVGC#4	55671	01/26/2011 13:47	1	SG
o-Terphenyl	84-15-1		366	298	123	70-130		SVGC#4	55671	01/26/2011 13:47	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-C

Lab Sample ID: 560-24119-24 TB
Client Matrix: Water

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 5030B,Water												
Purge and Trap		Complete								01/25/2011 20:04		
Method: SW846 8260B,Water												
1,1,1-Trichloroethane	71-55-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.278	U		0.278	1.00	0.278	ug/L	55630	01/25/2011 20:04	1	SG
1,1,2-Trichloroethane	79-00-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,1-Dichloroethane	75-34-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,1-Dichloroethene	75-35-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,1-Dichloropropene	563-58-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.217	U		0.217	5.00	0.217	ug/L	55630	01/25/2011 20:04	1	SG
1,2,3-Trichloropropane	96-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,2-Dichloroethane	107-06-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,2-Dichloropropane	78-87-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,3-Dichloropropane	142-28-9	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
1,4-Dioxane	123-91-1	7.46	U		7.46	100	7.46	ug/L	55630	01/25/2011 20:04	1	SG
2,2-Dichloropropane	594-20-7	0.335	U		0.335	1.00	0.335	ug/L	55630	01/25/2011 20:04	1	SG
2-Butanone (MEK)	78-93-3	0.474	U		0.474	5.00	0.474	ug/L	55630	01/25/2011 20:04	1	SG
2-Hexanone	591-78-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
2-Nitropropane	79-46-9	0.225	U		0.225	5.00	0.225	ug/L	55630	01/25/2011 20:04	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Acetone	67-64-1	5.00	U		5.00	10.0	5.00	ug/L	55630	01/25/2011 20:04	1	SG
Acetonitrile	75-05-8	2.16	U		2.16	50.0	2.16	ug/L	55630	01/25/2011 20:04	1	SG
Benzene	71-43-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Bromoform	75-25-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Bromomethane	74-83-9	0.392	U		0.392	5.00	0.392	ug/L	55630	01/25/2011 20:04	1	SG
Carbon disulfide	75-15-0	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Carbon tetrachloride	56-23-5	0.251	U		0.251	1.00	0.251	ug/L	55630	01/25/2011 20:04	1	SG
Chlorobenzene	108-90-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Chlorodibromomethane	124-48-1	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 20:04	1	SG
Chloroethane	75-00-3	0.400	U		0.400	5.00	0.400	ug/L	55630	01/25/2011 20:04	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-C

Lab Sample ID: 560-24119-24 TB
Client Matrix: Water

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Chloroform	67-66-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Chloromethane	74-87-3	0.390	U		0.390	5.00	0.390	ug/L	55630	01/25/2011 20:04	1	SG
cis-1,2-Dichloroethene	156-59-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Dibromomethane	74-95-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Dichlorobromomethane	75-27-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Dichlorodifluoromethane	75-71-8	0.429	U		0.429	5.00	0.429	ug/L	55630	01/25/2011 20:04	1	SG
Ethyl acetate	141-78-6	0.300	U		0.300	5.00	0.300	ug/L	55630	01/25/2011 20:04	1	SG
Ethyl ether	60-29-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Ethyl methacrylate	97-63-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Ethylbenzene	100-41-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Ethylene Dibromide	106-93-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Iodomethane	74-88-4	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 20:04	1	SG
Methyl methacrylate	80-62-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Methyl tert-butyl ether	1634-04-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Methylene Chloride	75-09-2	1.20	U		1.20	5.00	1.20	ug/L	55630	01/25/2011 20:04	1	SG
Styrene	100-42-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Tetrachloroethene	127-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Toluene	108-88-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
trans-1,2-Dichloroethene	156-60-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Trichloroethene	79-01-6	0.317	U		0.317	1.00	0.317	ug/L	55630	01/25/2011 20:04	1	SG
Trichlorofluoromethane	75-69-4	0.244	U		0.244	1.00	0.244	ug/L	55630	01/25/2011 20:04	1	SG
Vinyl acetate	108-05-4	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Vinyl chloride	75-01-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:04	1	SG
Xylenes, Total	1330-20-7	0.226	U		0.226	3.00	0.226	ug/L	55630	01/25/2011 20:04	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	TB	50.8	50.0	102	75-123		VGCMS#1		01/25/2011 20:04	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	TB	50.9	50.0	102	80-120		VGCMS#1		01/25/2011 20:04	1	SG
Dibromofluoromethane (Surr)	1868-53-7	TB	51.3	50.0	103	75-126		VGCMS#1		01/25/2011 20:04	1	SG
Toluene-d8 (Surr)	2037-26-5	TB	47.9	50.0	96	80-120		VGCMS#1		01/25/2011 20:04	1	SG

FEB 25 Chain of Custody Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-1

Lab Sample ID: 560-24119-25 FD
Client Matrix: Solid

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.30		b	0.0499	0.250	0.0443	mg/Kg	55875	02/01/2011 01:46	1	EDR
Barium	7440-39-3	79.9			0.109	0.250	0.0968	mg/Kg	55875	02/01/2011 01:46	1	EDR
Cadmium	7440-43-9	0.0936	J		0.0721	0.250	0.0641	mg/Kg	55875	02/01/2011 01:46	1	EDR
Chromium	7440-47-3	6.29			0.112	0.250	0.0995	mg/Kg	55875	02/01/2011 01:46	1	EDR
Lead	7439-92-1	12.2			0.205	0.500	0.182	mg/Kg	55875	02/01/2011 01:46	1	EDR
Selenium	7782-49-2	0.735	U	b	0.0435	0.250	0.0386	mg/Kg	55875	02/01/2011 01:46	1	EDR
Silver	7440-22-4	0.0609	U		0.0686	0.250	0.0609	mg/Kg	55875	02/01/2011 01:46	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0159	U		0.0180	0.200	0.0159	mg/Kg	55715	01/26/2011 13:53	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.632	U		0.700	5.00	0.632	ug/Kg	55942	02/02/2011 15:16	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.343	U		0.380	5.00	0.343	ug/Kg	55942	02/02/2011 15:16	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.605	U		0.670	5.00	0.605	ug/Kg	55942	02/02/2011 15:16	1	SG
1,1,2-Trichloroethane	79-00-5	0.451	U		0.500	5.00	0.451	ug/Kg	55942	02/02/2011 15:16	1	SG
1,1-Dichloroethane	75-34-3	0.533	U		0.590	5.00	0.533	ug/Kg	55942	02/02/2011 15:16	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-1

Lab Sample ID: 560-24119-25 FD
Client Matrix: Solid

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.17	J		0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
1,1-Dichloropropene	563-58-6	0.469	U	UJ	0.520	5.00	0.469	ug/Kg	55942	02/02/2011 15:16	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.397	U	UJ	0.440	5.00	0.397	ug/Kg	55942	02/02/2011 15:16	1	SG
1,2,3-Trichloropropane	96-18-4	0.686	U	UJ	0.760	5.00	0.686	ug/Kg	55942	02/02/2011 15:16	1	SG
1,2,4-Trimethylbenzene	95-63-6	1.98	J		0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
1,2-Dichloroethane	107-06-2	0.469	U	UJ	0.520	5.00	0.469	ug/Kg	55942	02/02/2011 15:16	1	SG
1,2-Dichloropropane	78-87-5	0.181	U	UJ	0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.493	J		0.210	5.00	0.190	ug/Kg	55942	02/02/2011 15:16	1	SG
1,3-Dichloropropane	142-28-9	0.217	U	UJ	0.240	5.00	0.217	ug/Kg	55942	02/02/2011 15:16	1	SG
1,4-Dioxane	123-91-1	36.1	U		40.0	100	36.1	ug/Kg	55942	02/02/2011 15:16	1	SG
2,2-Dichloropropane	594-20-7	0.758	U		0.840	5.00	0.758	ug/Kg	55942	02/02/2011 15:16	1	SG
2-Butanone (MEK)	78-93-3	0.903	U		1.00	5.00	0.903	ug/Kg	55942	02/02/2011 15:16	1	SG
2-Hexanone	591-78-6	1.08	U	*	1.20	5.00	1.08	ug/Kg	55942	02/02/2011 15:16	1	SG
2-Nitropropane	79-46-9	0.469	U	*	0.520	5.00	0.469	ug/Kg	55942	02/02/2011 15:16	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.840	U	*	0.930	5.00	0.840	ug/Kg	55942	02/02/2011 15:16	1	SG
Acetone	67-64-1	16.8	U	b	7.20	25.0	6.50	ug/Kg	55942	02/02/2011 15:16	1	SG
Acetonitrile	75-05-8	33.4	U	UJ	37.0	50.0	33.4	ug/Kg	55942	02/02/2011 15:16	1	SG
Benzene	71-43-2	0.378	J		0.230	5.00	0.208	ug/Kg	55942	02/02/2011 15:16	1	SG
Bromoform	75-25-2	0.460	U	UJ	0.510	5.00	0.460	ug/Kg	55942	02/02/2011 15:16	1	SG
Bromomethane	74-83-9	0.993	U		1.10	5.00	0.993	ug/Kg	55942	02/02/2011 15:16	1	SG
Carbon disulfide	75-15-0	0.659	U		0.730	5.00	0.659	ug/Kg	55942	02/02/2011 15:16	1	SG
Carbon tetrachloride	56-23-5	0.460	U		0.510	5.00	0.460	ug/Kg	55942	02/02/2011 15:16	1	SG
Chlorobenzene	108-90-7	0.208	U		0.230	5.00	0.208	ug/Kg	55942	02/02/2011 15:16	1	SG
Chlorodibromomethane	124-48-1	0.578	U		0.640	5.00	0.578	ug/Kg	55942	02/02/2011 15:16	1	SG
Chloroethane	75-00-3	0.235	U		0.260	5.00	0.235	ug/Kg	55942	02/02/2011 15:16	1	SG
Chloroform	67-66-3	0.785	U		0.870	5.00	0.785	ug/Kg	55942	02/02/2011 15:16	1	SG
Chloromethane	74-87-3	1.08	U		1.20	5.00	1.08	ug/Kg	55942	02/02/2011 15:16	1	SG
cis-1,2-Dichloroethene	156-59-2	0.515	U		0.570	5.00	0.515	ug/Kg	55942	02/02/2011 15:16	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.181	U		0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
Dibromomethane	74-95-3	0.641	U		0.710	5.00	0.641	ug/Kg	55942	02/02/2011 15:16	1	SG
Dichlorobromomethane	75-27-4	0.181	U		0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
Dichlorodifluoromethane	75-71-8	0.659	U		0.730	5.00	0.659	ug/Kg	55942	02/02/2011 15:16	1	SG
Ethyl acetate	141-78-6	1.08	U		1.20	5.00	1.08	ug/Kg	55942	02/02/2011 15:16	1	SG
Ethyl ether	60-29-7	0.181	U		0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
Ethyl methacrylate	97-63-2	0.460	U	UJ *	0.510	5.00	0.460	ug/Kg	55942	02/02/2011 15:16	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-1

Lab Sample ID: 560-24119-25 FD
Client Matrix: Solid

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.410	J		0.220	5.00	0.199	ug/Kg	55942	02/02/2011 15:16	1	SG
Ethylene Dibromide	106-93-4	0.181	U	UJ	0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
Iodomethane	74-88-4	0.722	U		0.800	5.00	0.722	ug/Kg	55942	02/02/2011 15:16	1	SG
Methyl methacrylate	80-62-6	0.993	U		1.10	5.00	0.993	ug/Kg	55942	02/02/2011 15:16	1	SG
Methyl tert-butyl ether	1634-04-4	0.551	U		0.610	5.00	0.551	ug/Kg	55942	02/02/2011 15:16	1	SG
Methylene Chloride	75-09-2	4.51	U		5.00	25.0	4.51	ug/Kg	55942	02/02/2011 15:16	1	SG
Styrene	100-42-5	0.181	U		0.200	5.00	0.181	ug/Kg	55942	02/02/2011 15:16	1	SG
Tetrachloroethene	127-18-4	0.668	U	UJ	0.740	5.00	0.668	ug/Kg	55942	02/02/2011 15:16	1	SG
Toluene	108-88-3	1.78	J		0.560	5.00	0.506	ug/Kg	55942	02/02/2011 15:16	1	SG
trans-1,2-Dichloroethene	156-60-5	0.451	U	UJ	0.500	5.00	0.451	ug/Kg	55942	02/02/2011 15:16	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.469	U		0.520	5.00	0.469	ug/Kg	55942	02/02/2011 15:16	1	SG
Trichloroethene	79-01-6	0.253	U		0.280	5.00	0.253	ug/Kg	55942	02/02/2011 15:16	1	SG
Trichlorofluoromethane	75-69-4	0.451	U		0.500	5.00	0.451	ug/Kg	55942	02/02/2011 15:16	1	SG
Vinyl acetate	108-05-4	0.993	U		1.10	5.00	0.993	ug/Kg	55942	02/02/2011 15:16	1	SG
Vinyl chloride	75-01-4	0.542	U	UJ	0.600	5.00	0.542	ug/Kg	55942	02/02/2011 15:16	1	SG
Xylenes, Total	1330-20-7	2.12	J		0.360	15.0	0.325	ug/Kg	55942	02/02/2011 15:16	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	FD	51.9	45.1	115	69-136		VGCMS#3	55955	02/02/2011 15:16	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	FD	35.4	45.1	79	56-129		VGCMS#3	55955	02/02/2011 15:16	1	SG
Dibromofluoromethane (Surr)	1868-53-7	FD	47.1	45.1	104	63-135		VGCMS#3	55955	02/02/2011 15:16	1	SG
Toluene-d8 (Surr)	2037-26-5	FD	45.5	45.1	101	66-124		VGCMS#3	55955	02/02/2011 15:16	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-1

Lab Sample ID: 560-24119-25 FD
Client Matrix: Solid

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.4	U		45.7	330	51.4	ug/Kg	55775	01/28/2011 11:04	1	GEF
1,2-Dichlorobenzene	95-50-1	58.6	U		52.1	330	58.6	ug/Kg	55775	01/28/2011 11:04	1	GEF
1,3-Dichlorobenzene	541-73-1	49.3	U		43.8	330	49.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
1,4-Dichlorobenzene	106-46-7	51.5	U		45.8	330	51.5	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,4-Dichlorophenol	120-83-2	25.7	U		22.8	330	25.7	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,4-Dimethylphenol	105-67-9	23.0	U		20.4	330	23.0	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,4-Dinitrophenol	51-28-5	113	U		100	330	113	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,4-Dinitrotoluene	121-14-2	56.3	U		50.0	330	56.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
2,6-Dinitrotoluene	606-20-2	56.3	U		50.0	330	56.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
2-Chloronaphthalene	91-58-7	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
2-Chlorophenol	95-57-8	31.3	U		27.8	330	31.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
2-Methylnaphthalene	91-57-6	35.0	U		31.1	330	35.0	ug/Kg	55775	01/28/2011 11:04	1	GEF
2-Methylphenol	95-48-7	37.1	U		33.0	330	37.1	ug/Kg	55775	01/28/2011 11:04	1	GEF
2-Nitroaniline	88-74-4	25.0	U		22.2	330	25.0	ug/Kg	55775	01/28/2011 11:04	1	GEF
2-Nitrophenol	88-75-5	19.1	U		17.0	330	19.1	ug/Kg	55775	01/28/2011 11:04	1	GEF
3 & 4 Methylphenol	15831-10-4	56.3	U		50.0	670	56.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
3,3'-Dichlorobenzidine	91-94-1	188	U		167	330	188	ug/Kg	55775	01/28/2011 11:04	1	GEF
3-Nitroaniline	99-09-2	113	U		100	330	113	ug/Kg	55775	01/28/2011 11:04	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	56.3	U		50.0	330	56.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
4-Chloroaniline	106-47-8	113	U		100	330	113	ug/Kg	55775	01/28/2011 11:04	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
4-Nitroaniline	100-01-6	113	U		100	330	113	ug/Kg	55775	01/28/2011 11:04	1	GEF
4-Nitrophenol	100-02-7	113	U		100	330	113	ug/Kg	55775	01/28/2011 11:04	1	GEF
Acenaphthene	83-32-9	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Acenaphthylene	208-96-8	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Anthracene	120-12-7	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Benzo[a]anthracene	56-55-3	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Benzo[a]pyrene	50-32-8	19.3	J		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Benzo[b]fluoranthene	205-99-2	22.4	J		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF

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Form I
SCmite

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-1

Lab Sample ID: 560-24119-25 FD
Client Matrix: Solid

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Benzo[k]fluoranthene	207-08-9	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Benzyl alcohol	100-51-6	27.6	U		24.5	330	27.6	ug/Kg	55775	01/28/2011 11:04	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Bis(2-chloroethyl)ether	111-44-4	42.1	U		37.4	330	42.1	ug/Kg	55775	01/28/2011 11:04	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	31.7	J		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Butyl benzyl phthalate	85-68-7	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Chrysene	218-01-9	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Di-n-butyl phthalate	84-74-2	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Di-n-octyl phthalate	117-84-0	21.0	U		18.7	330	21.0	ug/Kg	55775	01/28/2011 11:04	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Dibenzofuran	132-64-9	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Diethyl phthalate	84-66-2	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Dimethyl phthalate	131-11-3	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Fluoranthene	206-44-0	20.6	J		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Fluorene	86-73-7	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Hexachlorobenzene	118-74-1	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Hexachlorobutadiene	87-68-3	50.3	U		44.7	330	50.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
Hexachlorocyclopentadiene	77-47-4	56.3	U		50.0	330	56.3	ug/Kg	55775	01/28/2011 11:04	1	GEF
Hexachloroethane	67-72-1	56.4	U		50.1	330	56.4	ug/Kg	55775	01/28/2011 11:04	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Isophorone	78-59-1	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Naphthalene	91-20-3	46.9	U		41.7	330	46.9	ug/Kg	55775	01/28/2011 11:04	1	GEF
Nitrobenzene	98-95-3	41.0	U		36.4	330	41.0	ug/Kg	55775	01/28/2011 11:04	1	GEF
Pentachlorophenol	87-86-5	113	U		100	330	113	ug/Kg	55775	01/28/2011 11:04	1	GEF
Phenanthrene	85-01-8	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Phenol	108-95-2	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF
Pyrene	129-00-0	18.8	U		16.7	330	18.8	ug/Kg	55775	01/28/2011 11:04	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Quality Control

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6	FD	5140	5630	91	65-120		SVGCMS#3	55725	01/28/2011 11:04	1	GEF
2-Fluorobiphenyl	321-60-8	FD	2720	3750	72	64-120		SVGCMS#3	55725	01/28/2011 11:04	1	GEF
2-Fluorophenol	367-12-4	FD	3540	5630	63	53-120		SVGCMS#3	55725	01/28/2011 11:04	1	GEF
Nitrobenzene-d5	4165-60-0	FD	2460	3750	66	55-120		SVGCMS#3	55725	01/28/2011 11:04	1	GEF
Phenol-d5	4165-62-2	FD	3850	5630	68	59-120		SVGCMS#3	55725	01/28/2011 11:04	1	GEF
Terphenyl-d14	1718-51-0	FD	3070	3750	82	67-120		SVGCMS#3	55725	01/28/2011 11:04	1	GEF

S. Chaffe
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For

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SBDUP-1

Lab Sample ID: 560-24119-25 FD
Client Matrix: Solid

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.3	U		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 13:57	1	SG
C6-C35	STL00006	11.3	U		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 13:57	1	SG
Over C12-C28	STL00035	11.3	U		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 13:57	1	SG
Over C28-C35	STL00147	11.3	U		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 13:57	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3	FD	323	282	115	70-130		SVGC#4	55671	01/26/2011 13:57	1	SG
o-Terphenyl	84-15-1	FD	348	282	123	70-130		SVGC#4	55671	01/26/2011 13:57	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-0-0.5

Lab Sample ID: 560-24119-26
Client Matrix: Solid

Date Sampled: 01/20/2011 12:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.74		b	0.0499	0.250	0.0558	mg/Kg	55875	02/01/2011 01:51	1	EDR
Barium	7440-39-3	130			0.109	0.250	0.122	mg/Kg	55875	02/01/2011 01:51	1	EDR
Cadmium	7440-43-9	0.443			0.0721	0.250	0.0807	mg/Kg	55875	02/01/2011 01:51	1	EDR
Chromium	7440-47-3	8.77			0.112	0.250	0.125	mg/Kg	55875	02/01/2011 01:51	1	EDR
Lead	7439-92-1	26.3			0.205	0.500	0.229	mg/Kg	55875	02/01/2011 01:51	1	EDR
Selenium	7782-49-2	1.14	J	b	0.0435	0.250	0.0487	mg/Kg	55875	02/01/2011 01:51	1	EDR
Silver	7440-22-4	0.0768	U		0.0686	0.250	0.0768	mg/Kg	55875	02/01/2011 01:51	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0146	U		0.0180	0.200	0.0146	mg/Kg	55715	01/26/2011 13:55	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.698	U		0.700	5.00	0.698	ug/Kg	55942	02/02/2011 14:51	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.379	U		0.380	5.00	0.379	ug/Kg	55942	02/02/2011 14:51	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.668	U		0.670	5.00	0.668	ug/Kg	55942	02/02/2011 14:51	1	SG
1,1,2-Trichloroethane	79-00-5	0.498	U		0.500	5.00	0.498	ug/Kg	55942	02/02/2011 14:51	1	SG
1,1-Dichloroethane	75-34-3	0.588	U		0.590	5.00	0.588	ug/Kg	55942	02/02/2011 14:51	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-0-0.5

Lab Sample ID: 560-24119-26
Client Matrix: Solid

Date Sampled: 01/20/2011 12:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	4.23	J		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
1,1-Dichloropropene	563-58-6	0.518	U		0.520	5.00	0.518	ug/Kg	55942	02/02/2011 14:51	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.439	U		0.440	5.00	0.439	ug/Kg	55942	02/02/2011 14:51	1	SG
1,2,3-Trichloropropane	96-18-4	0.758	U		0.760	5.00	0.758	ug/Kg	55942	02/02/2011 14:51	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.918	J		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
1,2-Dichloroethane	107-06-2	0.518	U		0.520	5.00	0.518	ug/Kg	55942	02/02/2011 14:51	1	SG
1,2-Dichloropropane	78-87-5	0.199	U		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.347	J		0.210	5.00	0.209	ug/Kg	55942	02/02/2011 14:51	1	SG
1,3-Dichloropropane	142-28-9	0.239	U		0.240	5.00	0.239	ug/Kg	55942	02/02/2011 14:51	1	SG
1,4-Dioxane	123-91-1	39.9	U		40.0	100	39.9	ug/Kg	55942	02/02/2011 14:51	1	SG
2,2-Dichloropropane	594-20-7	0.837	U		0.840	5.00	0.837	ug/Kg	55942	02/02/2011 14:51	1	SG
2-Butanone (MEK)	78-93-3	0.997	U		1.00	5.00	0.997	ug/Kg	55942	02/02/2011 14:51	1	SG
2-Hexanone	591-78-6	1.20	U	*	1.20	5.00	1.20	ug/Kg	55942	02/02/2011 14:51	1	SG
2-Nitropropane	79-46-9	0.518	U	*	0.520	5.00	0.518	ug/Kg	55942	02/02/2011 14:51	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.927	U	*	0.930	5.00	0.927	ug/Kg	55942	02/02/2011 14:51	1	SG
Acetone	67-64-1	7.18	U		7.20	25.0	7.18	ug/Kg	55942	02/02/2011 14:51	1	SG
Acetonitrile	75-05-8	36.9	U		37.0	50.0	36.9	ug/Kg	55942	02/02/2011 14:51	1	SG
Benzene	71-43-2	0.229	U		0.230	5.00	0.229	ug/Kg	55942	02/02/2011 14:51	1	SG
Bromoform	75-25-2	0.508	U		0.510	5.00	0.508	ug/Kg	55942	02/02/2011 14:51	1	SG
Bromomethane	74-83-9	1.10	U		1.10	5.00	1.10	ug/Kg	55942	02/02/2011 14:51	1	SG
Carbon disulfide	75-15-0	0.728	U		0.730	5.00	0.728	ug/Kg	55942	02/02/2011 14:51	1	SG
Carbon tetrachloride	56-23-5	0.508	U		0.510	5.00	0.508	ug/Kg	55942	02/02/2011 14:51	1	SG
Chlorobenzene	108-90-7	0.229	U		0.230	5.00	0.229	ug/Kg	55942	02/02/2011 14:51	1	SG
Chlorodibromomethane	124-48-1	0.638	U		0.640	5.00	0.638	ug/Kg	55942	02/02/2011 14:51	1	SG
Chloroethane	75-00-3	0.259	U		0.260	5.00	0.259	ug/Kg	55942	02/02/2011 14:51	1	SG
Chloroform	67-66-3	0.867	U		0.870	5.00	0.867	ug/Kg	55942	02/02/2011 14:51	1	SG
Chloromethane	74-87-3	1.20	U		1.20	5.00	1.20	ug/Kg	55942	02/02/2011 14:51	1	SG
cis-1,2-Dichloroethene	156-59-2	0.568	U		0.570	5.00	0.568	ug/Kg	55942	02/02/2011 14:51	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.199	U		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
Dibromomethane	74-95-3	0.708	U		0.710	5.00	0.708	ug/Kg	55942	02/02/2011 14:51	1	SG
Dichlorobromomethane	75-27-4	0.199	U		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
Dichlorodifluoromethane	75-71-8	0.728	U		0.730	5.00	0.728	ug/Kg	55942	02/02/2011 14:51	1	SG
Ethyl acetate	141-78-6	1.20	U		1.20	5.00	1.20	ug/Kg	55942	02/02/2011 14:51	1	SG
Ethyl ether	60-29-7	0.199	U		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
Ethyl methacrylate	97-63-2	0.508	U	*	0.510	5.00	0.508	ug/Kg	55942	02/02/2011 14:51	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-0-0.5

Lab Sample ID: 560-24119-26
Client Matrix: Solid

Date Sampled: 01/20/2011 12:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.219	U		0.220	5.00	0.219	ug/Kg	55942	02/02/2011 14:51	1	SG
Ethylene Dibromide	106-93-4	0.199	U		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
Iodomethane	74-88-4	0.797	U		0.800	5.00	0.797	ug/Kg	55942	02/02/2011 14:51	1	SG
Methyl methacrylate	80-62-6	1.10	U		1.10	5.00	1.10	ug/Kg	55942	02/02/2011 14:51	1	SG
Methyl tert-butyl ether	1634-04-4	0.608	U		0.610	5.00	0.608	ug/Kg	55942	02/02/2011 14:51	1	SG
Methylene Chloride	75-09-2	4.98	U		5.00	25.0	4.98	ug/Kg	55942	02/02/2011 14:51	1	SG
Styrene	100-42-5	0.199	U		0.200	5.00	0.199	ug/Kg	55942	02/02/2011 14:51	1	SG
Tetrachloroethene	127-18-4	0.738	U		0.740	5.00	0.738	ug/Kg	55942	02/02/2011 14:51	1	SG
Toluene	108-88-3	0.914	J		0.560	5.00	0.558	ug/Kg	55942	02/02/2011 14:51	1	SG
trans-1,2-Dichloroethene	156-60-5	0.498	U		0.500	5.00	0.498	ug/Kg	55942	02/02/2011 14:51	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.518	U		0.520	5.00	0.518	ug/Kg	55942	02/02/2011 14:51	1	SG
Trichloroethene	79-01-6	0.279	U		0.280	5.00	0.279	ug/Kg	55942	02/02/2011 14:51	1	SG
Trichlorofluoromethane	75-69-4	0.498	U		0.500	5.00	0.498	ug/Kg	55942	02/02/2011 14:51	1	SG
Vinyl acetate	108-05-4	1.10	U		1.10	5.00	1.10	ug/Kg	55942	02/02/2011 14:51	1	SG
Vinyl chloride	75-01-4	0.598	U		0.600	5.00	0.598	ug/Kg	55942	02/02/2011 14:51	1	SG
Xylenes, Total	1330-20-7	0.840	J		0.360	15.0	0.359	ug/Kg	55942	02/02/2011 14:51	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		53.4	49.8	107	69-136		VGCMS#3	55955	02/02/2011 14:51	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		41.5	49.8	83	56-129		VGCMS#3	55955	02/02/2011 14:51	1	SG
Dibromofluoromethane (Surr)	1868-53-7		50.2	49.8	101	63-135		VGCMS#3	55955	02/02/2011 14:51	1	SG
Toluene-d8 (Surr)	2037-26-5		49.3	49.8	99	66-124		VGCMS#3	55955	02/02/2011 14:51	1	SG

S. Chaffe
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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-0-0.5

Lab Sample ID: 560-24119-26
Client Matrix: Solid

Date Sampled: 01/20/2011 12:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	115	U		45.7	330	115	ug/Kg	55775	01/28/2011 11:29	1	GEF
1,2-Dichlorobenzene	95-50-1	131	U		52.1	330	131	ug/Kg	55775	01/28/2011 11:29	1	GEF
1,3-Dichlorobenzene	541-73-1	110	U		43.8	330	110	ug/Kg	55775	01/28/2011 11:29	1	GEF
1,4-Dichlorobenzene	106-46-7	115	U		45.8	330	115	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,4,5-Trichlorophenol	95-95-4	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,4,6-Trichlorophenol	88-06-2	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,4-Dichlorophenol	120-83-2	57.3	U		22.8	330	57.3	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,4-Dimethylphenol	105-67-9	51.3	U		20.4	330	51.3	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,4-Dinitrophenol	51-28-5	251	U		100	330	251	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,4-Dinitrotoluene	121-14-2	126	U		50.0	330	126	ug/Kg	55775	01/28/2011 11:29	1	GEF
2,6-Dinitrotoluene	606-20-2	126	U		50.0	330	126	ug/Kg	55775	01/28/2011 11:29	1	GEF
2-Chloronaphthalene	91-58-7	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
2-Chlorophenol	95-57-8	69.9	U		27.8	330	69.9	ug/Kg	55775	01/28/2011 11:29	1	GEF
2-Methylnaphthalene	91-57-6	78.2	U		31.1	330	78.2	ug/Kg	55775	01/28/2011 11:29	1	GEF
2-Methylphenol	95-48-7	83.0	U		33.0	330	83.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
2-Nitroaniline	88-74-4	55.8	U		22.2	330	55.8	ug/Kg	55775	01/28/2011 11:29	1	GEF
2-Nitrophenol	88-75-5	42.7	U		17.0	330	42.7	ug/Kg	55775	01/28/2011 11:29	1	GEF
3 & 4 Methylphenol	15831-10-4	126	U		50.0	670	126	ug/Kg	55775	01/28/2011 11:29	1	GEF
3,3'-Dichlorobenzidine	91-94-1	420	U		167	330	420	ug/Kg	55775	01/28/2011 11:29	1	GEF
3-Nitroaniline	99-09-2	251	U		100	330	251	ug/Kg	55775	01/28/2011 11:29	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	126	U		50.0	330	126	ug/Kg	55775	01/28/2011 11:29	1	GEF
4-Bromophenyl phenyl ether	101-55-3	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
4-Chloro-3-methylphenol	59-50-7	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
4-Chloroaniline	106-47-8	251	U		100	330	251	ug/Kg	55775	01/28/2011 11:29	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
4-Nitroaniline	100-01-6	251	U		100	330	251	ug/Kg	55775	01/28/2011 11:29	1	GEF
4-Nitrophenol	100-02-7	251	U		100	330	251	ug/Kg	55775	01/28/2011 11:29	1	GEF
Acenaphthene	83-32-9	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Acenaphthylene	208-96-8	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Anthracene	120-12-7	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Benzo[a]anthracene	56-55-3	50.6	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Benzo[a]pyrene	50-32-8	52.6	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Benzo[b]fluoranthene	205-99-2	79.1	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-0-0.5

Lab Sample ID: 560-24119-26
Client Matrix: Solid

Date Sampled: 01/20/2011 12:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	57.2	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Benzo[k]fluoranthene	207-08-9	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Benzyl alcohol	100-51-6	61.6	U		24.5	330	61.6	ug/Kg	55775	01/28/2011 11:29	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Bis(2-chloroethyl)ether	111-44-4	94.0	U		37.4	330	94.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	232	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Butyl benzyl phthalate	85-68-7	221	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Chrysene	218-01-9	57.3	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Di-n-butyl phthalate	84-74-2	82.0	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Di-n-octyl phthalate	117-84-0	47.0	U		18.7	330	47.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Dibenz(a,h)anthracene	53-70-3	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Dibenzofuran	132-64-9	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Diethyl phthalate	84-66-2	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Dimethyl phthalate	131-11-3	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Fluoranthene	206-44-0	91.8	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Fluorene	86-73-7	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Hexachlorobenzene	118-74-1	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Hexachlorobutadiene	87-68-3	112	U		44.7	330	112	ug/Kg	55775	01/28/2011 11:29	1	GEF
Hexachlorocyclopentadiene	77-47-4	126	U		50.0	330	126	ug/Kg	55775	01/28/2011 11:29	1	GEF
Hexachloroethane	67-72-1	126	U		50.1	330	126	ug/Kg	55775	01/28/2011 11:29	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Isophorone	78-59-1	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
N-Nitrosodiphenylamine	86-30-6	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Naphthalene	91-20-3	105	U		41.7	330	105	ug/Kg	55775	01/28/2011 11:29	1	GEF
Nitrobenzene	98-95-3	91.5	U		36.4	330	91.5	ug/Kg	55775	01/28/2011 11:29	1	GEF
Pentachlorophenol	87-86-5	251	U		100	330	251	ug/Kg	55775	01/28/2011 11:29	1	GEF
Phenanthrene	85-01-8	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Phenol	108-95-2	42.0	U		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF
Pyrene	129-00-0	83.3	J		16.7	330	42.0	ug/Kg	55775	01/28/2011 11:29	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5340	6290	85	65-120		SVGCMS#3	55725	01/28/2011 11:29	1	GEF
2-Fluorobiphenyl	321-60-8		2960	4190	71	64-120		SVGCMS#3	55725	01/28/2011 11:29	1	GEF
2-Fluorophenol	367-12-4		3620	6290	58	53-120		SVGCMS#3	55725	01/28/2011 11:29	1	GEF
Nitrobenzene-d5	4165-60-0		2440	4190	58	55-120		SVGCMS#3	55725	01/28/2011 11:29	1	GEF
Phenol-d5	4165-62-2		4050	6290	64	59-120		SVGCMS#3	55725	01/28/2011 11:29	1	GEF
Terphenyl-d14	1718-51-0		3420	4190	82	67-120		SVGCMS#3	55725	01/28/2011 11:29	1	GEF

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-2-3

Lab Sample ID: 560-24119-27
Client Matrix: Solid

Date Sampled: 01/20/2011 12:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	10			0.010	0.010	0.010	%	55615	01/24/2011 16:00	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.73		b	0.0499	0.250	0.0433	mg/Kg	55875	02/01/2011 01:57	1	EDR
Barium	7440-39-3	158			0.109	0.250	0.473	mg/Kg	55927	02/01/2011 18:40	5	EDR
Cadmium	7440-43-9	0.0819	J		0.0721	0.250	0.0626	mg/Kg	55875	02/01/2011 01:57	1	EDR
Chromium	7440-47-3	5.05			0.112	0.250	0.0972	mg/Kg	55875	02/01/2011 01:57	1	EDR
Lead	7439-92-1	9.85			0.205	0.500	0.178	mg/Kg	55875	02/01/2011 01:57	1	EDR
Selenium	7782-49-2	0.490	J	b	0.0435	0.250	0.0377	mg/Kg	55875	02/01/2011 01:57	1	EDR
Silver	7440-22-4	0.0595	U		0.0686	0.250	0.0595	mg/Kg	55875	02/01/2011 01:57	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0473	J		0.0180	0.200	0.0130	mg/Kg	55715	01/26/2011 13:58	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.664	U		0.700	5.00	0.664	ug/Kg	55942	02/02/2011 20:03	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.360	U		0.380	5.00	0.360	ug/Kg	55942	02/02/2011 20:03	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.635	U		0.670	5.00	0.635	ug/Kg	55942	02/02/2011 20:03	1	SG
1,1,2-Trichloroethane	79-00-5	0.474	U		0.500	5.00	0.474	ug/Kg	55942	02/02/2011 20:03	1	SG
1,1-Dichloroethane	75-34-3	0.559	U		0.590	5.00	0.559	ug/Kg	55942	02/02/2011 20:03	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-2-3

Lab Sample ID: 560-24119-27
Client Matrix: Solid

Date Sampled: 01/20/2011 12:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	4.55	J		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
1,1-Dichloropropene	563-58-6	0.493	U		0.520	5.00	0.493	ug/Kg	55942	02/02/2011 20:03	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.417	U		0.440	5.00	0.417	ug/Kg	55942	02/02/2011 20:03	1	SG
1,2,3-Trichloropropane	96-18-4	0.720	U		0.760	5.00	0.720	ug/Kg	55942	02/02/2011 20:03	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.729	J		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
1,2-Dichloroethane	107-06-2	0.493	U		0.520	5.00	0.493	ug/Kg	55942	02/02/2011 20:03	1	SG
1,2-Dichloropropane	78-87-5	0.190	U		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.199	U		0.210	5.00	0.199	ug/Kg	55942	02/02/2011 20:03	1	SG
1,3-Dichloropropane	142-28-9	0.228	U		0.240	5.00	0.228	ug/Kg	55942	02/02/2011 20:03	1	SG
1,4-Dioxane	123-91-1	37.9	U		40.0	100	37.9	ug/Kg	55942	02/02/2011 20:03	1	SG
2,2-Dichloropropane	594-20-7	0.796	U		0.840	5.00	0.796	ug/Kg	55942	02/02/2011 20:03	1	SG
2-Butanone (MEK)	78-93-3	0.948	U		1.00	5.00	0.948	ug/Kg	55942	02/02/2011 20:03	1	SG
2-Hexanone	591-78-6	1.14	U	*	1.20	5.00	1.14	ug/Kg	55942	02/02/2011 20:03	1	SG
2-Nitropropane	79-46-9	0.493	U	*	0.520	5.00	0.493	ug/Kg	55942	02/02/2011 20:03	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.882	U	*	0.930	5.00	0.882	ug/Kg	55942	02/02/2011 20:03	1	SG
Acetone	67-64-1	6.83	U		7.20	25.0	6.83	ug/Kg	55942	02/02/2011 20:03	1	SG
Acetonitrile	75-05-8	35.1	U		37.0	50.0	35.1	ug/Kg	55942	02/02/2011 20:03	1	SG
Benzene	71-43-2	0.218	U		0.230	5.00	0.218	ug/Kg	55942	02/02/2011 20:03	1	SG
Bromoform	75-25-2	0.483	U		0.510	5.00	0.483	ug/Kg	55942	02/02/2011 20:03	1	SG
Bromomethane	74-83-9	1.04	U		1.10	5.00	1.04	ug/Kg	55942	02/02/2011 20:03	1	SG
Carbon disulfide	75-15-0	0.692	U		0.730	5.00	0.692	ug/Kg	55942	02/02/2011 20:03	1	SG
Carbon tetrachloride	56-23-5	0.483	U		0.510	5.00	0.483	ug/Kg	55942	02/02/2011 20:03	1	SG
Chlorobenzene	108-90-7	0.218	U		0.230	5.00	0.218	ug/Kg	55942	02/02/2011 20:03	1	SG
Chlorodibromomethane	124-48-1	0.607	U		0.640	5.00	0.607	ug/Kg	55942	02/02/2011 20:03	1	SG
Chloroethane	75-00-3	0.246	U		0.260	5.00	0.246	ug/Kg	55942	02/02/2011 20:03	1	SG
Chloroform	67-66-3	0.825	U		0.870	5.00	0.825	ug/Kg	55942	02/02/2011 20:03	1	SG
Chloromethane	74-87-3	1.14	U		1.20	5.00	1.14	ug/Kg	55942	02/02/2011 20:03	1	SG
cis-1,2-Dichloroethene	156-59-2	0.540	U		0.570	5.00	0.540	ug/Kg	55942	02/02/2011 20:03	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.190	U		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
Dibromomethane	74-95-3	0.673	U		0.710	5.00	0.673	ug/Kg	55942	02/02/2011 20:03	1	SG
Dichlorobromomethane	75-27-4	0.190	U		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
Dichlorodifluoromethane	75-71-8	0.692	U		0.730	5.00	0.692	ug/Kg	55942	02/02/2011 20:03	1	SG
Ethyl acetate	141-78-6	1.14	U		1.20	5.00	1.14	ug/Kg	55942	02/02/2011 20:03	1	SG
Ethyl ether	60-29-7	0.190	U		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
Ethyl methacrylate	97-63-2	0.483	U	*	0.510	5.00	0.483	ug/Kg	55942	02/02/2011 20:03	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-2-3

Lab Sample ID: 560-24119-27
Client Matrix: Solid

Date Sampled: 01/20/2011 12:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.307	J		0.220	5.00	0.209	ug/Kg	55942	02/02/2011 20:03	1	SG
Ethylene Dibromide	106-93-4	0.190	U		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
Iodomethane	74-88-4	0.758	U		0.800	5.00	0.758	ug/Kg	55942	02/02/2011 20:03	1	SG
Methyl methacrylate	80-62-6	1.04	U		1.10	5.00	1.04	ug/Kg	55942	02/02/2011 20:03	1	SG
Methyl tert-butyl ether	1634-04-4	0.578	U		0.610	5.00	0.578	ug/Kg	55942	02/02/2011 20:03	1	SG
Methylene Chloride	75-09-2	4.74	U		5.00	25.0	4.74	ug/Kg	55942	02/02/2011 20:03	1	SG
Styrene	100-42-5	0.190	U		0.200	5.00	0.190	ug/Kg	55942	02/02/2011 20:03	1	SG
Tetrachloroethene	127-18-4	0.702	U		0.740	5.00	0.702	ug/Kg	55942	02/02/2011 20:03	1	SG
Toluene	108-88-3	1.80	J		0.560	5.00	0.531	ug/Kg	55942	02/02/2011 20:03	1	SG
trans-1,2-Dichloroethene	156-60-5	0.474	U		0.500	5.00	0.474	ug/Kg	55942	02/02/2011 20:03	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.493	U		0.520	5.00	0.493	ug/Kg	55942	02/02/2011 20:03	1	SG
Trichloroethene	79-01-6	0.265	U		0.280	5.00	0.265	ug/Kg	55942	02/02/2011 20:03	1	SG
Trichlorofluoromethane	75-69-4	0.474	U		0.500	5.00	0.474	ug/Kg	55942	02/02/2011 20:03	1	SG
Vinyl acetate	108-05-4	1.04	U		1.10	5.00	1.04	ug/Kg	55942	02/02/2011 20:03	1	SG
Vinyl chloride	75-01-4	0.569	U		0.600	5.00	0.569	ug/Kg	55942	02/02/2011 20:03	1	SG
Xylenes, Total	1330-20-7	1.38	J		0.360	15.0	0.341	ug/Kg	55942	02/02/2011 20:03	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		51.3	47.4	108	69-136		VGCMS#3	55955	02/02/2011 20:03	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		41.2	47.4	87	56-129		VGCMS#3	55955	02/02/2011 20:03	1	SG
Dibromofluoromethane (Surr)	1868-53-7		46.4	47.4	98	63-135		VGCMS#3	55955	02/02/2011 20:03	1	SG
Toluene-d8 (Surr)	2037-26-5		48.3	47.4	102	66-124		VGCMS#3	55955	02/02/2011 20:03	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-2-3

Lab Sample ID: 560-24119-27
Client Matrix: Solid

Date Sampled: 01/20/2011 12:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.1	U		45.7	330	51.1	ug/Kg	55775	01/28/2011 11:54	1	GEF
1,2-Dichlorobenzene	95-50-1	58.2	U		52.1	330	58.2	ug/Kg	55775	01/28/2011 11:54	1	GEF
1,3-Dichlorobenzene	541-73-1	48.9	U		43.8	330	48.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
1,4-Dichlorobenzene	106-46-7	51.2	U		45.8	330	51.2	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,4-Dichlorophenol	120-83-2	25.5	U		22.8	330	25.5	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,4-Dimethylphenol	105-67-9	22.8	U		20.4	330	22.8	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,4-Dinitrophenol	51-28-5	112	U		100	330	112	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,4-Dinitrotoluene	121-14-2	55.9	U		50.0	330	55.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
2,6-Dinitrotoluene	606-20-2	55.9	U		50.0	330	55.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
2-Chloronaphthalene	91-58-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
2-Chlorophenol	95-57-8	31.1	U		27.8	330	31.1	ug/Kg	55775	01/28/2011 11:54	1	GEF
2-Methylnaphthalene	91-57-6	34.8	U		31.1	330	34.8	ug/Kg	55775	01/28/2011 11:54	1	GEF
2-Methylphenol	95-48-7	36.9	U		33.0	330	36.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
2-Nitroaniline	88-74-4	24.8	U		22.2	330	24.8	ug/Kg	55775	01/28/2011 11:54	1	GEF
2-Nitrophenol	88-75-5	19.0	U		17.0	330	19.0	ug/Kg	55775	01/28/2011 11:54	1	GEF
3 & 4 Methylphenol	15831-10-4	55.9	U		50.0	670	55.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
3,3'-Dichlorobenzidine	91-94-1	187	U		167	330	187	ug/Kg	55775	01/28/2011 11:54	1	GEF
3-Nitroaniline	99-09-2	112	U		100	330	112	ug/Kg	55775	01/28/2011 11:54	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.9	U		50.0	330	55.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
4-Chloroaniline	106-47-8	112	U		100	330	112	ug/Kg	55775	01/28/2011 11:54	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
4-Nitroaniline	100-01-6	112	U		100	330	112	ug/Kg	55775	01/28/2011 11:54	1	GEF
4-Nitrophenol	100-02-7	112	U		100	330	112	ug/Kg	55775	01/28/2011 11:54	1	GEF
Acenaphthene	83-32-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Acenaphthylene	208-96-8	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Anthracene	120-12-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Benzo[a]anthracene	56-55-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Benzo[a]pyrene	50-32-8	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Benzo[b]fluoranthene	205-99-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-2-3

Lab Sample ID: 560-24119-27
Client Matrix: Solid

Date Sampled: 01/20/2011 12:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Benzo[k]fluoranthene	207-08-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Benzyl alcohol	100-51-6	27.4	U		24.5	330	27.4	ug/Kg	55775	01/28/2011 11:54	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.8	U		37.4	330	41.8	ug/Kg	55775	01/28/2011 11:54	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Butyl benzyl phthalate	85-68-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Chrysene	218-01-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Di-n-butyl phthalate	84-74-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Di-n-octyl phthalate	117-84-0	20.9	U		18.7	330	20.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Dibenzofuran	132-64-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Diethyl phthalate	84-66-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Dimethyl phthalate	131-11-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Fluoranthene	206-44-0	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Fluorene	86-73-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Hexachlorobenzene	118-74-1	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Hexachlorobutadiene	87-68-3	50.0	U		44.7	330	50.0	ug/Kg	55775	01/28/2011 11:54	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.9	U		50.0	330	55.9	ug/Kg	55775	01/28/2011 11:54	1	GEF
Hexachloroethane	67-72-1	56.0	U		50.1	330	56.0	ug/Kg	55775	01/28/2011 11:54	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Isophorone	78-59-1	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Naphthalene	91-20-3	46.6	U		41.7	330	46.6	ug/Kg	55775	01/28/2011 11:54	1	GEF
Nitrobenzene	98-95-3	40.7	U		36.4	330	40.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Pentachlorophenol	87-86-5	112	U		100	330	112	ug/Kg	55775	01/28/2011 11:54	1	GEF
Phenanthrene	85-01-8	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Phenol	108-95-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF
Pyrene	129-00-0	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 11:54	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5170	5590	93	65-120		SVGCMS#3	55725	01/28/2011 11:54	1	GEF
2-Fluorobiphenyl	321-60-8		2910	3720	78	64-120		SVGCMS#3	55725	01/28/2011 11:54	1	GEF
2-Fluorophenol	367-12-4		3690	5590	66	53-120		SVGCMS#3	55725	01/28/2011 11:54	1	GEF
Nitrobenzene-d5	4165-60-0		2630	3720	71	55-120		SVGCMS#3	55725	01/28/2011 11:54	1	GEF
Phenol-d5	4165-62-2		4120	5590	74	59-120		SVGCMS#3	55725	01/28/2011 11:54	1	GEF
Terphenyl-d14	1718-51-0		2990	3720	80	67-120		SVGCMS#3	55725	01/28/2011 11:54	1	GEF

S. Chatte
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB8-2-3

Lab Sample ID: 560-24119-27
Client Matrix: Solid

Date Sampled: 01/20/2011 12:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:35	1	SG
C6-C35	STL00006	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:35	1	SG
Over C12-C28	STL00035	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:35	1	SG
Over C28-C35	STL00147	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:35	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		290	280	104	70-130		SVGC#4	55671	01/26/2011 14:35	1	SG
o-Terphenyl	84-15-1		313	280	111	70-130		SVGC#4	55671	01/26/2011 14:35	1	SG

S. Chaffe
FEB 2 2011
Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-0-0.5

Lab Sample ID: 560-24119-28
Client Matrix: Solid

Date Sampled: 01/20/2011 15:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.57	J		0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
1,1-Dichloropropene	563-58-6	0.527	U	UJ	0.520	5.00	0.527	ug/Kg	55851	01/31/2011 18:26	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.446	U	UJ	0.440	5.00	0.446	ug/Kg	55851	01/31/2011 18:26	1	SG
1,2,3-Trichloropropane	96-18-4	0.771	U	UJ	0.760	5.00	0.771	ug/Kg	55851	01/31/2011 18:26	1	SG
1,2,4-Trimethylbenzene	95-63-6	1.03	J		0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
1,2-Dichloroethane	107-06-2	0.527	U	UJ	0.520	5.00	0.527	ug/Kg	55851	01/31/2011 18:26	1	SG
1,2-Dichloropropane	78-87-5	0.203	U	UJ	0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.277	J		0.210	5.00	0.213	ug/Kg	55851	01/31/2011 18:26	1	SG
1,3-Dichloropropane	142-28-9	0.243	U	UJ	0.240	5.00	0.243	ug/Kg	55851	01/31/2011 18:26	1	SG
1,4-Dioxane	123-91-1	40.6	U		40.0	100	40.6	ug/Kg	55851	01/31/2011 18:26	1	SG
2,2-Dichloropropane	594-20-7	0.852	U		0.840	5.00	0.852	ug/Kg	55851	01/31/2011 18:26	1	SG
2-Butanone (MEK)	78-93-3	1.01	U		1.00	5.00	1.01	ug/Kg	55851	01/31/2011 18:26	1	SG
2-Hexanone	591-78-6	1.22	U		1.20	5.00	1.22	ug/Kg	55851	01/31/2011 18:26	1	SG
2-Nitropropane	79-46-9	0.527	U		0.520	5.00	0.527	ug/Kg	55851	01/31/2011 18:26	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.943	U		0.930	5.00	0.943	ug/Kg	55851	01/31/2011 18:26	1	SG
Acetone	67-64-1	7.30	U		7.20	25.0	7.30	ug/Kg	55851	01/31/2011 18:26	1	SG
Acetonitrile	75-05-8	37.5	U	UJ	37.0	50.0	37.5	ug/Kg	55851	01/31/2011 18:26	1	SG
Benzene	71-43-2	0.310	J		0.230	5.00	0.233	ug/Kg	55851	01/31/2011 18:26	1	SG
Bromoform	75-25-2	0.517	U	UJ	0.510	5.00	0.517	ug/Kg	55851	01/31/2011 18:26	1	SG
Bromomethane	74-83-9	1.12	U		1.10	5.00	1.12	ug/Kg	55851	01/31/2011 18:26	1	SG
Carbon disulfide	75-15-0	0.740	U		0.730	5.00	0.740	ug/Kg	55851	01/31/2011 18:26	1	SG
Carbon tetrachloride	56-23-5	0.517	U		0.510	5.00	0.517	ug/Kg	55851	01/31/2011 18:26	1	SG
Chlorobenzene	108-90-7	0.233	U		0.230	5.00	0.233	ug/Kg	55851	01/31/2011 18:26	1	SG
Chlorodibromomethane	124-48-1	0.649	U		0.640	5.00	0.649	ug/Kg	55851	01/31/2011 18:26	1	SG
Chloroethane	75-00-3	0.264	U		0.260	5.00	0.264	ug/Kg	55851	01/31/2011 18:26	1	SG
Chloroform	67-66-3	0.882	U		0.870	5.00	0.882	ug/Kg	55851	01/31/2011 18:26	1	SG
Chloromethane	74-87-3	1.22	U		1.20	5.00	1.22	ug/Kg	55851	01/31/2011 18:26	1	SG
cis-1,2-Dichloroethene	156-59-2	0.578	U		0.570	5.00	0.578	ug/Kg	55851	01/31/2011 18:26	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.203	U		0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
Dibromomethane	74-95-3	0.720	U		0.710	5.00	0.720	ug/Kg	55851	01/31/2011 18:26	1	SG
Dichlorobromomethane	75-27-4	0.203	U		0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
Dichlorodifluoromethane	75-71-8	0.740	U		0.730	5.00	0.740	ug/Kg	55851	01/31/2011 18:26	1	SG
Ethyl acetate	141-78-6	1.22	U		1.20	5.00	1.22	ug/Kg	55851	01/31/2011 18:26	1	SG
Ethyl ether	60-29-7	0.203	U		0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
Ethylmethacrylate	97-63-2	0.517	U	UJ	0.510	5.00	0.517	ug/Kg	55851	01/31/2011 18:26	1	SG

FEB 25 11 Schaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-0-0.5

Lab Sample ID: 560-24119-28
Client Matrix: Solid

Date Sampled: 01/20/2011 15:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.223	U	UJ	0.220	5.00	0.223	ug/Kg	55851	01/31/2011 18:26	1	SG
Ethylene Dibromide	106-93-4	0.203	U		0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
Iodomethane	74-88-4	0.811	U		0.800	5.00	0.811	ug/Kg	55851	01/31/2011 18:26	1	SG
Methyl methacrylate	80-62-6	1.12	U		1.10	5.00	1.12	ug/Kg	55851	01/31/2011 18:26	1	SG
Methyl tert-butyl ether	1634-04-4	0.618	U	UJ	0.610	5.00	0.618	ug/Kg	55851	01/31/2011 18:26	1	SG
Methylene Chloride	75-09-2	5.53	J		5.00	25.0	5.07	ug/Kg	55851	01/31/2011 18:26	1	SG
Styrene	100-42-5	0.203	U	UJ	0.200	5.00	0.203	ug/Kg	55851	01/31/2011 18:26	1	SG
Tetrachloroethene	127-18-4	0.750	U		0.740	5.00	0.750	ug/Kg	55851	01/31/2011 18:26	1	SG
Toluene	108-88-3	0.568	U		0.560	5.00	0.568	ug/Kg	55851	01/31/2011 18:26	1	SG
trans-1,2-Dichloroethene	156-60-5	0.507	U	UJ	0.500	5.00	0.507	ug/Kg	55851	01/31/2011 18:26	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.527	U	UJL*	0.520	5.00	0.527	ug/Kg	55851	01/31/2011 18:26	1	SG
Trichloroethene	79-01-6	0.284	U	UJ	0.280	5.00	0.284	ug/Kg	55851	01/31/2011 18:26	1	SG
Trichlorofluoromethane	75-69-4	0.507	U		0.500	5.00	0.507	ug/Kg	55851	01/31/2011 18:26	1	SG
Vinyl acetate	108-05-4	1.12	U		1.10	5.00	1.12	ug/Kg	55851	01/31/2011 18:26	1	SG
Vinyl chloride	75-01-4	0.608	U	UJ	0.600	5.00	0.608	ug/Kg	55851	01/31/2011 18:26	1	SG
Xylenes, Total	1330-20-7	0.841	J		0.360	15.0	0.365	ug/Kg	55851	01/31/2011 18:26	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		64.4	50.7	127	69-136		VGCMS#4	55863	01/31/2011 18:26	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		41.3	50.7	81	56-129		VGCMS#4	55863	01/31/2011 18:26	1	SG
Dibromofluoromethane (Surr)	1868-53-7		60.8	50.7	120	63-135		VGCMS#4	55863	01/31/2011 18:26	1	SG
Toluene-d8 (Surr)	2037-26-5		50.3	50.7	99	66-124		VGCMS#4	55863	01/31/2011 18:26	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-0-0.5

Lab Sample ID: 560-24119-28
Client Matrix: Solid

Date Sampled: 01/20/2011 15:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	50.9	U		45.7	330	50.9	ug/Kg	55775	01/28/2011 12:20	1	GEF
1,2-Dichlorobenzene	95-50-1	58.0	U		52.1	330	58.0	ug/Kg	55775	01/28/2011 12:20	1	GEF
1,3-Dichlorobenzene	541-73-1	48.8	U		43.8	330	48.8	ug/Kg	55775	01/28/2011 12:20	1	GEF
1,4-Dichlorobenzene	106-46-7	51.0	U		45.8	330	51.0	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,4-Dichlorophenol	120-83-2	25.4	U		22.8	330	25.4	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,4-Dimethylphenol	105-67-9	22.7	U		20.4	330	22.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,4-Dinitrophenol	51-28-5	111	U		100	330	111	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,4-Dinitrotoluene	121-14-2	55.7	U		50.0	330	55.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
2,6-Dinitrotoluene	606-20-2	55.7	U		50.0	330	55.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
2-Chloronaphthalene	91-58-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
2-Chlorophenol	95-57-8	31.0	U		27.8	330	31.0	ug/Kg	55775	01/28/2011 12:20	1	GEF
2-Methylnaphthalene	91-57-6	34.6	U		31.1	330	34.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
2-Methylphenol	95-48-7	36.7	U		33.0	330	36.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
2-Nitroaniline	88-74-4	24.7	U		22.2	330	24.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
2-Nitrophenol	88-75-5	18.9	U		17.0	330	18.9	ug/Kg	55775	01/28/2011 12:20	1	GEF
3 & 4 Methylphenol	15831-10-4	55.7	U		50.0	670	55.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
3,3'-Dichlorobenzidine	91-94-1	186	U		167	330	186	ug/Kg	55775	01/28/2011 12:20	1	GEF
3-Nitroaniline	99-09-2	111	U		100	330	111	ug/Kg	55775	01/28/2011 12:20	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.7	U		50.0	330	55.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
4-Chloroaniline	106-47-8	111	U		100	330	111	ug/Kg	55775	01/28/2011 12:20	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
4-Nitroaniline	100-01-6	111	U		100	330	111	ug/Kg	55775	01/28/2011 12:20	1	GEF
4-Nitrophenol	100-02-7	111	U		100	330	111	ug/Kg	55775	01/28/2011 12:20	1	GEF
Acenaphthene	83-32-9	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Acenaphthylene	208-96-8	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Anthracene	120-12-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Benzo[a]anthracene	56-55-3	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Benzo[a]pyrene	50-32-8	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Benzo[b]fluoranthene	205-99-2	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-0-0.5

Lab Sample ID: 560-24119-28
Client Matrix: Solid

Date Sampled: 01/20/2011 15:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Benzo[k]fluoranthene	207-08-9	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Benzyl alcohol	100-51-6	27.3	U		24.5	330	27.3	ug/Kg	55775	01/28/2011 12:20	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.6	U		37.4	330	41.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Butyl benzyl phthalate	85-68-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Chrysene	218-01-9	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Di-n-butyl phthalate	84-74-2	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Di-n-octyl phthalate	117-84-0	20.8	U		18.7	330	20.8	ug/Kg	55775	01/28/2011 12:20	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Dibenzofuran	132-64-9	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Diethyl phthalate	84-66-2	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Dimethyl phthalate	131-11-3	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Fluoranthene	206-44-0	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Fluorene	86-73-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Hexachlorobenzene	118-74-1	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Hexachlorobutadiene	87-68-3	49.8	U		44.7	330	49.8	ug/Kg	55775	01/28/2011 12:20	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.7	U		50.0	330	55.7	ug/Kg	55775	01/28/2011 12:20	1	GEF
Hexachloroethane	67-72-1	55.8	U		50.1	330	55.8	ug/Kg	55775	01/28/2011 12:20	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Isophorone	78-59-1	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Naphthalene	91-20-3	46.4	U		41.7	330	46.4	ug/Kg	55775	01/28/2011 12:20	1	GEF
Nitrobenzene	98-95-3	40.5	U		36.4	330	40.5	ug/Kg	55775	01/28/2011 12:20	1	GEF
Pentachlorophenol	87-86-5	111	U		100	330	111	ug/Kg	55775	01/28/2011 12:20	1	GEF
Phenanthrene	85-01-8	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Phenol	108-95-2	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF
Pyrene	129-00-0	18.6	U		16.7	330	18.6	ug/Kg	55775	01/28/2011 12:20	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4330	5570	78	65-120		SVGCMS#3	55725	01/28/2011 12:20	1	GEF
2-Fluorobiphenyl	321-60-8		2640	3710	71	64-120		SVGCMS#3	55725	01/28/2011 12:20	1	GEF
2-Fluorophenol	367-12-4		3420	5570	61	53-120		SVGCMS#3	55725	01/28/2011 12:20	1	GEF
Nitrobenzene-d5	4165-60-0		2380	3710	64	55-120		SVGCMS#3	55725	01/28/2011 12:20	1	GEF
Phenol-d5	4165-62-2		3760	5570	68	59-120		SVGCMS#3	55725	01/28/2011 12:20	1	GEF
Terphenyl-d14	1718-51-0		2790	3710	75	67-120		SVGCMS#3	55725	01/28/2011 12:20	1	GEF

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-0-0.5

Lab Sample ID: 560-24119-28
Client Matrix: Solid

Date Sampled: 01/20/2011 15:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:45	1	SG
C6-C35	STL00006	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:45	1	SG
Over C12-C28	STL00035	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:45	1	SG
Over C28-C35	STL00147	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 14:45	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		298	279	107	70-130		SVGC#4	55671	01/26/2011 14:45	1	SG
o-Terphenyl	84-15-1		322	279	115	70-130		SVGC#4	55671	01/26/2011 14:45	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-2-3

Lab Sample ID: 560-24119-29
Client Matrix: Solid

Date Sampled: 01/20/2011 15:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.50	J	b	0.0499	0.250	0.0583	mg/Kg	55875	02/01/2011 02:24	1	EDR
Barium	7440-39-3	144			0.109	0.250	0.127	mg/Kg	55875	02/01/2011 02:24	1	EDR
Cadmium	7440-43-9	0.183	J		0.0721	0.250	0.0842	mg/Kg	55875	02/01/2011 02:24	1	EDR
Chromium	7440-47-3	5.58			0.112	0.250	0.131	mg/Kg	55875	02/01/2011 02:24	1	EDR
Lead	7439-92-1	34.5			0.205	0.500	0.240	mg/Kg	55875	02/01/2011 02:24	1	EDR
Selenium	7782-49-2	2.09	J	b	0.0435	0.250	0.0508	mg/Kg	55875	02/01/2011 02:24	1	EDR
Silver	7440-22-4	0.0802	U		0.0686	0.250	0.0802	mg/Kg	55875	02/01/2011 02:24	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0140	J		0.0180	0.200	0.0126	mg/Kg	55715	01/26/2011 14:03	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.724	U		0.700	5.00	0.724	ug/Kg	55942	02/02/2011 18:14	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.393	U		0.380	5.00	0.393	ug/Kg	55942	02/02/2011 18:14	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.693	U		0.670	5.00	0.693	ug/Kg	55942	02/02/2011 18:14	1	SG
1,1,2-Trichloroethane	79-00-5	0.517	U		0.500	5.00	0.517	ug/Kg	55942	02/02/2011 18:14	1	SG
1,1-Dichloroethane	75-34-3	0.611	U		0.590	5.00	0.611	ug/Kg	55942	02/02/2011 18:14	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-2-3

Lab Sample ID: 560-24119-29
Client Matrix: Solid

Date Sampled: 01/20/2011 15:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	4.76	J		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
1,1-Dichloropropene	563-58-6	0.538	U		0.520	5.00	0.538	ug/Kg	55942	02/02/2011 18:14	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.455	U		0.440	5.00	0.455	ug/Kg	55942	02/02/2011 18:14	1	SG
1,2,3-Trichloropropane	96-18-4	0.787	U		0.760	5.00	0.787	ug/Kg	55942	02/02/2011 18:14	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
1,2-Dichloroethane	107-06-2	0.538	U		0.520	5.00	0.538	ug/Kg	55942	02/02/2011 18:14	1	SG
1,2-Dichloropropane	78-87-5	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.217	U		0.210	5.00	0.217	ug/Kg	55942	02/02/2011 18:14	1	SG
1,3-Dichloropropane	142-28-9	0.248	U		0.240	5.00	0.248	ug/Kg	55942	02/02/2011 18:14	1	SG
1,4-Dioxane	123-91-1	41.4	U		40.0	100	41.4	ug/Kg	55942	02/02/2011 18:14	1	SG
2,2-Dichloropropane	594-20-7	0.869	U		0.840	5.00	0.869	ug/Kg	55942	02/02/2011 18:14	1	SG
2-Butanone (MEK)	78-93-3	1.03	U		1.00	5.00	1.03	ug/Kg	55942	02/02/2011 18:14	1	SG
2-Hexanone	591-78-6	1.24	U		1.20	5.00	1.24	ug/Kg	55942	02/02/2011 18:14	1	SG
2-Nitropropane	79-46-9	0.538	U		0.520	5.00	0.538	ug/Kg	55942	02/02/2011 18:14	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.962	U		0.930	5.00	0.962	ug/Kg	55942	02/02/2011 18:14	1	SG
Acetone	67-64-1	7.45	U		7.20	25.0	7.45	ug/Kg	55942	02/02/2011 18:14	1	SG
Acetonitrile	75-05-8	38.3	U		37.0	50.0	38.3	ug/Kg	55942	02/02/2011 18:14	1	SG
Benzene	71-43-2	0.238	U		0.230	5.00	0.238	ug/Kg	55942	02/02/2011 18:14	1	SG
Bromoform	75-25-2	0.528	U		0.510	5.00	0.528	ug/Kg	55942	02/02/2011 18:14	1	SG
Bromomethane	74-83-9	1.14	U		1.10	5.00	1.14	ug/Kg	55942	02/02/2011 18:14	1	SG
Carbon disulfide	75-15-0	0.755	U		0.730	5.00	0.755	ug/Kg	55942	02/02/2011 18:14	1	SG
Carbon tetrachloride	56-23-5	0.528	U		0.510	5.00	0.528	ug/Kg	55942	02/02/2011 18:14	1	SG
Chlorobenzene	108-90-7	0.238	U		0.230	5.00	0.238	ug/Kg	55942	02/02/2011 18:14	1	SG
Chlorodibromomethane	124-48-1	0.662	U		0.640	5.00	0.662	ug/Kg	55942	02/02/2011 18:14	1	SG
Chloroethane	75-00-3	0.269	U		0.260	5.00	0.269	ug/Kg	55942	02/02/2011 18:14	1	SG
Chloroform	67-66-3	0.900	U		0.870	5.00	0.900	ug/Kg	55942	02/02/2011 18:14	1	SG
Chloromethane	74-87-3	1.24	U		1.20	5.00	1.24	ug/Kg	55942	02/02/2011 18:14	1	SG
cis-1,2-Dichloroethene	156-59-2	0.590	U		0.570	5.00	0.590	ug/Kg	55942	02/02/2011 18:14	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
Dibromomethane	74-95-3	0.735	U		0.710	5.00	0.735	ug/Kg	55942	02/02/2011 18:14	1	SG
Dichlorobromomethane	75-27-4	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
Dichlorodifluoromethane	75-71-8	0.755	U		0.730	5.00	0.755	ug/Kg	55942	02/02/2011 18:14	1	SG
Ethyl acetate	141-78-6	1.24	U		1.20	5.00	1.24	ug/Kg	55942	02/02/2011 18:14	1	SG
Ethyl ether	60-29-7	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
Ethyl methacrylate	97-63-2	0.528	U		0.510	5.00	0.528	ug/Kg	55942	02/02/2011 18:14	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-2-3

Lab Sample ID: 560-24119-29
Client Matrix: Solid

Date Sampled: 01/20/2011 15:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.228	U		0.220	5.00	0.228	ug/Kg	55942	02/02/2011 18:14	1	SG
Ethylene Dibromide	106-93-4	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
Iodomethane	74-88-4	0.828	U		0.800	5.00	0.828	ug/Kg	55942	02/02/2011 18:14	1	SG
Methyl methacrylate	80-62-6	1.14	U		1.10	5.00	1.14	ug/Kg	55942	02/02/2011 18:14	1	SG
Methyl tert-butyl ether	1634-04-4	0.631	U		0.610	5.00	0.631	ug/Kg	55942	02/02/2011 18:14	1	SG
Methylene Chloride	75-09-2	5.17	U		5.00	25.0	5.17	ug/Kg	55942	02/02/2011 18:14	1	SG
Styrene	100-42-5	0.207	U		0.200	5.00	0.207	ug/Kg	55942	02/02/2011 18:14	1	SG
Tetrachloroethene	127-18-4	0.766	U		0.740	5.00	0.766	ug/Kg	55942	02/02/2011 18:14	1	SG
Toluene	108-88-3	0.986	J		0.560	5.00	0.580	ug/Kg	55942	02/02/2011 18:14	1	SG
trans-1,2-Dichloroethene	156-60-5	0.517	U		0.500	5.00	0.517	ug/Kg	55942	02/02/2011 18:14	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.538	U		0.520	5.00	0.538	ug/Kg	55942	02/02/2011 18:14	1	SG
Trichloroethene	79-01-6	0.290	U		0.280	5.00	0.290	ug/Kg	55942	02/02/2011 18:14	1	SG
Trichlorofluoromethane	75-69-4	0.517	U		0.500	5.00	0.517	ug/Kg	55942	02/02/2011 18:14	1	SG
Vinyl acetate	108-05-4	1.14	U		1.10	5.00	1.14	ug/Kg	55942	02/02/2011 18:14	1	SG
Vinyl chloride	75-01-4	0.621	U		0.600	5.00	0.621	ug/Kg	55942	02/02/2011 18:14	1	SG
Xylenes, Total	1330-20-7	0.373	U		0.360	15.0	0.373	ug/Kg	55942	02/02/2011 18:14	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		59.6	51.7	115	69-136		VGCMS#3	55955	02/02/2011 18:14	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		44.3	51.7	86	56-129		VGCMS#3	55955	02/02/2011 18:14	1	SG
Dibromofluoromethane (Surr)	1868-53-7		56.9	51.7	110	63-135		VGCMS#3	55955	02/02/2011 18:14	1	SG
Toluene-d8 (Surr)	2037-26-5		52.0	51.7	101	66-124		VGCMS#3	55955	02/02/2011 18:14	1	SG

S. Chaffe
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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-2-3

Lab Sample ID: 560-24119-29
Client Matrix: Solid

Date Sampled: 01/20/2011 15:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	165	U		45.7	330	165	ug/Kg	55775	01/28/2011 12:45	1	GEF
1,2-Dichlorobenzene	95-50-1	188	U		52.1	330	188	ug/Kg	55775	01/28/2011 12:45	1	GEF
1,3-Dichlorobenzene	541-73-1	158	U		43.8	330	158	ug/Kg	55775	01/28/2011 12:45	1	GEF
1,4-Dichlorobenzene	106-46-7	165	U		45.8	330	165	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,4,5-Trichlorophenol	95-95-4	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,4,6-Trichlorophenol	88-06-2	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,4-Dichlorophenol	120-83-2	82.3	U		22.8	330	82.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,4-Dimethylphenol	105-67-9	73.7	U		20.4	330	73.7	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,4-Dinitrophenol	51-28-5	361	U		100	330	361	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,4-Dinitrotoluene	121-14-2	181	U		50.0	330	181	ug/Kg	55775	01/28/2011 12:45	1	GEF
2,6-Dinitrotoluene	606-20-2	181	U		50.0	330	181	ug/Kg	55775	01/28/2011 12:45	1	GEF
2-Chloronaphthalene	91-58-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
2-Chlorophenol	95-57-8	100	U		27.8	330	100	ug/Kg	55775	01/28/2011 12:45	1	GEF
2-Methylnaphthalene	91-57-6	112	U		31.1	330	112	ug/Kg	55775	01/28/2011 12:45	1	GEF
2-Methylphenol	95-48-7	119	U		33.0	330	119	ug/Kg	55775	01/28/2011 12:45	1	GEF
2-Nitroaniline	88-74-4	80.1	U		22.2	330	80.1	ug/Kg	55775	01/28/2011 12:45	1	GEF
2-Nitrophenol	88-75-5	61.4	U		17.0	330	61.4	ug/Kg	55775	01/28/2011 12:45	1	GEF
3 & 4 Methylphenol	15831-10-4	181	U		50.0	670	181	ug/Kg	55775	01/28/2011 12:45	1	GEF
3,3'-Dichlorobenzidine	91-94-1	603	U		167	330	603	ug/Kg	55775	01/28/2011 12:45	1	GEF
3-Nitroaniline	99-09-2	361	U		100	330	361	ug/Kg	55775	01/28/2011 12:45	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	181	U		50.0	330	181	ug/Kg	55775	01/28/2011 12:45	1	GEF
4-Bromophenyl phenyl ether	101-55-3	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
4-Chloro-3-methylphenol	59-50-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
4-Chloroaniline	106-47-8	361	U		100	330	361	ug/Kg	55775	01/28/2011 12:45	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
4-Nitroaniline	100-01-6	361	U		100	330	361	ug/Kg	55775	01/28/2011 12:45	1	GEF
4-Nitrophenol	100-02-7	361	U		100	330	361	ug/Kg	55775	01/28/2011 12:45	1	GEF
Acenaphthene	83-32-9	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Acenaphthylene	208-96-8	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Anthracene	120-12-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Benzo[a]anthracene	56-55-3	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Benzo[a]pyrene	50-32-8	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Benzo[b]fluoranthene	205-99-2	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-2-3

Lab Sample ID: 560-24119-29
Client Matrix: Solid

Date Sampled: 01/20/2011 15:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Benzo[k]fluoranthene	207-08-9	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Benzyl alcohol	100-51-6	88.5	U		24.5	330	88.5	ug/Kg	55775	01/28/2011 12:45	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Bis(2-chloroethyl)ether	111-44-4	135	U		37.4	330	135	ug/Kg	55775	01/28/2011 12:45	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Butyl benzyl phthalate	85-68-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Chrysene	218-01-9	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Di-n-butyl phthalate	84-74-2	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Di-n-octyl phthalate	117-84-0	67.5	U		18.7	330	67.5	ug/Kg	55775	01/28/2011 12:45	1	GEF
Dibenz(a,h)anthracene	53-70-3	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Dibenzofuran	132-64-9	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Diethyl phthalate	84-66-2	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Dimethyl phthalate	131-11-3	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Fluoranthene	206-44-0	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Fluorene	86-73-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Hexachlorobenzene	118-74-1	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Hexachlorobutadiene	87-68-3	161	U		44.7	330	161	ug/Kg	55775	01/28/2011 12:45	1	GEF
Hexachlorocyclopentadiene	77-47-4	181	U		50.0	330	181	ug/Kg	55775	01/28/2011 12:45	1	GEF
Hexachloroethane	67-72-1	181	U		50.1	330	181	ug/Kg	55775	01/28/2011 12:45	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Isophorone	78-59-1	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
N-Nitrosodiphenylamine	86-30-6	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Naphthalene	91-20-3	151	U		41.7	330	151	ug/Kg	55775	01/28/2011 12:45	1	GEF
Nitrobenzene	98-95-3	131	U		36.4	330	131	ug/Kg	55775	01/28/2011 12:45	1	GEF
Pentachlorophenol	87-86-5	361	U		100	330	361	ug/Kg	55775	01/28/2011 12:45	1	GEF
Phenanthrene	85-01-8	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Phenol	108-95-2	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF
Pyrene	129-00-0	60.3	U		16.7	330	60.3	ug/Kg	55775	01/28/2011 12:45	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		6210	6020	103	65-120		SVGCMS#3	55725	01/28/2011 12:45	1	GEF
2-Fluorobiphenyl	321-60-8		3760	4010	94	64-120		SVGCMS#3	55725	01/28/2011 12:45	1	GEF
2-Fluorophenol	367-12-4		4590	6020	76	53-120		SVGCMS#3	55725	01/28/2011 12:45	1	GEF
Nitrobenzene-d5	4165-60-0		3140	4010	78	55-120		SVGCMS#3	55725	01/28/2011 12:45	1	GEF
Phenol-d5	4165-62-2		5090	6020	85	59-120		SVGCMS#3	55725	01/28/2011 12:45	1	GEF
Terphenyl-d14	1718-51-0		3920	4010	98	67-120		SVGCMS#3	55725	01/28/2011 12:45	1	GEF

S. Chaff
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB17-2-3

Lab Sample ID: 560-24119-29
Client Matrix: Solid

Date Sampled: 01/20/2011 15:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.0	U		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 14:54	1	SG
C6-C35	STL00006	17.9	J		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 14:54	1	SG
Over C12-C28	STL00035	17.9	J		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 14:54	1	SG
Over C28-C35	STL00147	12.0	U		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 14:54	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		315	301	105	70-130		SVGC#4	55671	01/26/2011 14:54	1	SG
o-Terphenyl	84-15-1		336	301	112	70-130		SVGC#4	55671	01/26/2011 14:54	1	SG

S. Chaffe

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-0-0.5

Lab Sample ID: 560-24119-30
Client Matrix: Solid

Date Sampled: 01/20/2011 15:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55770	01/27/2011 08:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	5.6			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	0.999	J	b	0.0499	0.250	0.0441	mg/Kg	55875	02/01/2011 02:30	1	EDR
Barium	7440-39-3	29.9			0.109	0.250	0.0964	mg/Kg	55875	02/01/2011 02:30	1	EDR
Cadmium	7440-43-9	0.0638	U		0.0721	0.250	0.0638	mg/Kg	55875	02/01/2011 02:30	1	EDR
Chromium	7440-47-3	2.58			0.112	0.250	0.0991	mg/Kg	55875	02/01/2011 02:30	1	EDR
Lead	7439-92-1	3.41			0.205	0.500	0.181	mg/Kg	55875	02/01/2011 02:30	1	EDR
Selenium	7782-49-2	0.161	J U	b	0.0435	0.250	0.0385	mg/Kg	55875	02/01/2011 02:30	1	EDR
Silver	7440-22-4	0.0607	U		0.0686	0.250	0.0607	mg/Kg	55875	02/01/2011 02:30	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0150	U		0.0180	0.200	0.0150	mg/Kg	55715	01/26/2011 14:05	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.749	U		0.700	5.00	0.749	ug/Kg	55735	01/27/2011 21:39	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.406	U		0.380	5.00	0.406	ug/Kg	55735	01/27/2011 21:39	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.717	U		0.670	5.00	0.717	ug/Kg	55735	01/27/2011 21:39	1	SG
1,1,2-Trichloroethane	79-00-5	0.535	U		0.500	5.00	0.535	ug/Kg	55735	01/27/2011 21:39	1	SG
1,1-Dichloroethane	75-34-3	0.631	U		0.590	5.00	0.631	ug/Kg	55735	01/27/2011 21:39	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-0-0.5

Lab Sample ID: 560-24119-30
Client Matrix: Solid

Date Sampled: 01/20/2011 15:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.860	J	JH	0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
1,1-Dichloropropene	563-58-6	0.556	U		0.520	5.00	0.556	ug/Kg	55735	01/27/2011 21:39	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.471	U		0.440	5.00	0.471	ug/Kg	55735	01/27/2011 21:39	1	SG
1,2,3-Trichloropropane	96-18-4	0.813	U		0.760	5.00	0.813	ug/Kg	55735	01/27/2011 21:39	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
1,2-Dichloroethane	107-06-2	0.556	U		0.520	5.00	0.556	ug/Kg	55735	01/27/2011 21:39	1	SG
1,2-Dichloropropane	78-87-5	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.225	U		0.210	5.00	0.225	ug/Kg	55735	01/27/2011 21:39	1	SG
1,3-Dichloropropane	142-28-9	0.257	U		0.240	5.00	0.257	ug/Kg	55735	01/27/2011 21:39	1	SG
1,4-Dioxane	123-91-1	42.8	U		40.0	100	42.8	ug/Kg	55735	01/27/2011 21:39	1	SG
2,2-Dichloropropane	594-20-7	0.899	U		0.840	5.00	0.899	ug/Kg	55735	01/27/2011 21:39	1	SG
2-Butanone (MEK)	78-93-3	1.07	U		1.00	5.00	1.07	ug/Kg	55735	01/27/2011 21:39	1	SG
2-Hexanone	591-78-6	1.28	U		1.20	5.00	1.28	ug/Kg	55735	01/27/2011 21:39	1	SG
2-Nitropropane	79-46-9	0.556	U		0.520	5.00	0.556	ug/Kg	55735	01/27/2011 21:39	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.995	U		0.930	5.00	0.995	ug/Kg	55735	01/27/2011 21:39	1	SG
Acetone	67-64-1	16.8	J	JH	7.20	25.0	7.70	ug/Kg	55735	01/27/2011 21:39	1	SG
Acetonitrile	75-05-8	39.6	U		37.0	50.0	39.6	ug/Kg	55735	01/27/2011 21:39	1	SG
Benzene	71-43-2	0.246	U		0.230	5.00	0.246	ug/Kg	55735	01/27/2011 21:39	1	SG
Bromoform	75-25-2	0.546	U		0.510	5.00	0.546	ug/Kg	55735	01/27/2011 21:39	1	SG
Bromomethane	74-83-9	1.18	U		1.10	5.00	1.18	ug/Kg	55735	01/27/2011 21:39	1	SG
Carbon disulfide	75-15-0	0.781	U		0.730	5.00	0.781	ug/Kg	55735	01/27/2011 21:39	1	SG
Carbon tetrachloride	56-23-5	0.546	U		0.510	5.00	0.546	ug/Kg	55735	01/27/2011 21:39	1	SG
Chlorobenzene	108-90-7	0.246	U		0.230	5.00	0.246	ug/Kg	55735	01/27/2011 21:39	1	SG
Chlorodibromomethane	124-48-1	0.685	U		0.640	5.00	0.685	ug/Kg	55735	01/27/2011 21:39	1	SG
Chloroethane	75-00-3	0.278	U		0.260	5.00	0.278	ug/Kg	55735	01/27/2011 21:39	1	SG
Chloroform	67-66-3	0.931	U		0.870	5.00	0.931	ug/Kg	55735	01/27/2011 21:39	1	SG
Chloromethane	74-87-3	1.28	U		1.20	5.00	1.28	ug/Kg	55735	01/27/2011 21:39	1	SG
cis-1,2-Dichloroethene	156-59-2	0.610	U		0.570	5.00	0.610	ug/Kg	55735	01/27/2011 21:39	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
Dibromomethane	74-95-3	0.759	U		0.710	5.00	0.759	ug/Kg	55735	01/27/2011 21:39	1	SG
Dichlorobromomethane	75-27-4	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
Dichlorodifluoromethane	75-71-8	0.781	U		0.730	5.00	0.781	ug/Kg	55735	01/27/2011 21:39	1	SG
Ethyl acetate	141-78-6	1.28	U		1.20	5.00	1.28	ug/Kg	55735	01/27/2011 21:39	1	SG
Ethyl ether	60-29-7	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
Ethyl methacrylate	97-63-2	0.546	U		0.510	5.00	0.546	ug/Kg	55735	01/27/2011 21:39	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-0-0.5

Lab Sample ID: 560-24119-30
Client Matrix: Solid

Date Sampled: 01/20/2011 15:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.235	U		0.220	5.00	0.235	ug/Kg	55735	01/27/2011 21:39	1	SG
Ethylene Dibromide	106-93-4	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
Iodomethane	74-88-4	0.856	U		0.800	5.00	0.856	ug/Kg	55735	01/27/2011 21:39	1	SG
Methyl methacrylate	80-62-6	1.18	U		1.10	5.00	1.18	ug/Kg	55735	01/27/2011 21:39	1	SG
Methyl tert-butyl ether	1634-04-4	0.652	U		0.610	5.00	0.652	ug/Kg	55735	01/27/2011 21:39	1	SG
Methylene Chloride	75-09-2	5.35	U		5.00	25.0	5.35	ug/Kg	55735	01/27/2011 21:39	1	SG
Styrene	100-42-5	0.214	U		0.200	5.00	0.214	ug/Kg	55735	01/27/2011 21:39	1	SG
Tetrachloroethene	127-18-4	0.792	U		0.740	5.00	0.792	ug/Kg	55735	01/27/2011 21:39	1	SG
Toluene	108-88-3	0.599	U		0.560	5.00	0.599	ug/Kg	55735	01/27/2011 21:39	1	SG
trans-1,2-Dichloroethene	156-60-5	0.535	U		0.500	5.00	0.535	ug/Kg	55735	01/27/2011 21:39	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.556	U		0.520	5.00	0.556	ug/Kg	55735	01/27/2011 21:39	1	SG
Trichloroethene	79-01-6	0.300	U		0.280	5.00	0.300	ug/Kg	55735	01/27/2011 21:39	1	SG
Trichlorofluoromethane	75-69-4	0.535	U		0.500	5.00	0.535	ug/Kg	55735	01/27/2011 21:39	1	SG
Vinyl acetate	108-05-4	1.18	U		1.10	5.00	1.18	ug/Kg	55735	01/27/2011 21:39	1	SG
Vinyl chloride	75-01-4	0.642	U		0.600	5.00	0.642	ug/Kg	55735	01/27/2011 21:39	1	SG
Xylenes, Total	1330-20-7	0.385	U		0.360	15.0	0.385	ug/Kg	55735	01/27/2011 21:39	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		100	53.5	187	69-136	X	VGCMS#3	55770	01/27/2011 21:39	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		44.5	53.5	83	56-129		VGCMS#3	55770	01/27/2011 21:39	1	SG
Dibromofluoromethane (Surr)	1868-53-7		67.4	53.5	126	63-135		VGCMS#3	55770	01/27/2011 21:39	1	SG
Toluene-d8 (Surr)	2037-26-5		48.2	53.5	90	66-124		VGCMS#3	55770	01/27/2011 21:39	1	SG

S. Chafe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-0-0.5

Lab Sample ID: 560-24119-30
Client Matrix: Solid

Date Sampled: 01/20/2011 15:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	48.3	U		45.7	330	48.3	ug/Kg	55775	01/28/2011 13:10	1	GEF
1,2-Dichlorobenzene	95-50-1	55.1	U		52.1	330	55.1	ug/Kg	55775	01/28/2011 13:10	1	GEF
1,3-Dichlorobenzene	541-73-1	46.3	U		43.8	330	46.3	ug/Kg	55775	01/28/2011 13:10	1	GEF
1,4-Dichlorobenzene	106-46-7	48.4	U		45.8	330	48.4	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,4,5-Trichlorophenol	95-95-4	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,4,6-Trichlorophenol	88-06-2	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,4-Dichlorophenol	120-83-2	24.1	U		22.8	330	24.1	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,4-Dimethylphenol	105-67-9	21.6	U		20.4	330	21.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,4-Dinitrophenol	51-28-5	106	U		100	330	106	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,4-Dinitrotoluene	121-14-2	52.8	U		50.0	330	52.8	ug/Kg	55775	01/28/2011 13:10	1	GEF
2,6-Dinitrotoluene	606-20-2	52.8	U		50.0	330	52.8	ug/Kg	55775	01/28/2011 13:10	1	GEF
2-Chloronaphthalene	91-58-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
2-Chlorophenol	95-57-8	29.4	U		27.8	330	29.4	ug/Kg	55775	01/28/2011 13:10	1	GEF
2-Methylnaphthalene	91-57-6	32.9	U		31.1	330	32.9	ug/Kg	55775	01/28/2011 13:10	1	GEF
2-Methylphenol	95-48-7	34.9	U		33.0	330	34.9	ug/Kg	55775	01/28/2011 13:10	1	GEF
2-Nitroaniline	88-74-4	23.5	U		22.2	330	23.5	ug/Kg	55775	01/28/2011 13:10	1	GEF
2-Nitrophenol	88-75-5	18.0	U		17.0	330	18.0	ug/Kg	55775	01/28/2011 13:10	1	GEF
3 & 4 Methylphenol	15831-10-4	52.8	U		50.0	670	52.8	ug/Kg	55775	01/28/2011 13:10	1	GEF
3,3'-Dichlorobenzidine	91-94-1	176	U		167	330	176	ug/Kg	55775	01/28/2011 13:10	1	GEF
3-Nitroaniline	99-09-2	106	U		100	330	106	ug/Kg	55775	01/28/2011 13:10	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	52.8	U		50.0	330	52.8	ug/Kg	55775	01/28/2011 13:10	1	GEF
4-Bromophenyl phenyl ether	101-55-3	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
4-Chloro-3-methylphenol	59-50-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
4-Chloroaniline	106-47-8	106	U		100	330	106	ug/Kg	55775	01/28/2011 13:10	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
4-Nitroaniline	100-01-6	106	U		100	330	106	ug/Kg	55775	01/28/2011 13:10	1	GEF
4-Nitrophenol	100-02-7	106	U		100	330	106	ug/Kg	55775	01/28/2011 13:10	1	GEF
Acenaphthene	83-32-9	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Acenaphthylene	208-96-8	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Anthracene	120-12-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Benzo[a]anthracene	56-55-3	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Benzo[a]pyrene	50-32-8	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Benzo[b]fluoranthene	205-99-2	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-0-0.5

Lab Sample ID: 560-24119-30
Client Matrix: Solid

Date Sampled: 01/20/2011 15:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Benzo[k]fluoranthene	207-08-9	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Benzyl alcohol	100-51-6	25.9	U		24.5	330	25.9	ug/Kg	55775	01/28/2011 13:10	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Bis(2-chloroethyl)ether	111-44-4	39.5	U		37.4	330	39.5	ug/Kg	55775	01/28/2011 13:10	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Butyl benzyl phthalate	85-68-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Chrysene	218-01-9	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Di-n-butyl phthalate	84-74-2	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Di-n-octyl phthalate	117-84-0	19.8	U		18.7	330	19.8	ug/Kg	55775	01/28/2011 13:10	1	GEF
Dibenz(a,h)anthracene	53-70-3	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Dibenzofuran	132-64-9	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Diethyl phthalate	84-66-2	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Dimethyl phthalate	131-11-3	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Fluoranthene	206-44-0	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Fluorene	86-73-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Hexachlorobenzene	118-74-1	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Hexachlorobutadiene	87-68-3	47.2	U		44.7	330	47.2	ug/Kg	55775	01/28/2011 13:10	1	GEF
Hexachlorocyclopentadiene	77-47-4	52.8	U		50.0	330	52.8	ug/Kg	55775	01/28/2011 13:10	1	GEF
Hexachloroethane	67-72-1	52.9	U		50.1	330	52.9	ug/Kg	55775	01/28/2011 13:10	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Isophorone	78-59-1	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
N-Nitrosodiphenylamine	86-30-6	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Naphthalene	91-20-3	44.1	U		41.7	330	44.1	ug/Kg	55775	01/28/2011 13:10	1	GEF
Nitrobenzene	98-95-3	38.5	U		36.4	330	38.5	ug/Kg	55775	01/28/2011 13:10	1	GEF
Pentachlorophenol	87-86-5	106	U		100	330	106	ug/Kg	55775	01/28/2011 13:10	1	GEF
Phenanthrene	85-01-8	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Phenol	108-95-2	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF
Pyrene	129-00-0	17.6	U		16.7	330	17.6	ug/Kg	55775	01/28/2011 13:10	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4500	5280	85	65-120		SVGCMS#3	55725	01/28/2011 13:10	1	GEF
2-Fluorobiphenyl	321-60-8		2640	3520	75	64-120		SVGCMS#3	55725	01/28/2011 13:10	1	GEF
2-Fluorophenol	367-12-4		3390	5280	64	53-120		SVGCMS#3	55725	01/28/2011 13:10	1	GEF
Nitrobenzene-d5	4165-60-0		2440	3520	69	55-120		SVGCMS#3	55725	01/28/2011 13:10	1	GEF
Phenol-d5	4165-62-2		3720	5280	70	59-120		SVGCMS#3	55725	01/28/2011 13:10	1	GEF
Terphenyl-d14	1718-51-0		2710	3520	77	67-120		SVGCMS#3	55725	01/28/2011 13:10	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-0-0.5

Lab Sample ID: 560-24119-30
Client Matrix: Solid

Date Sampled: 01/20/2011 15:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	8.90			0.100	0.100	0.100	SU	55659	01/25/2011 15:30	1	LO
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.6	U		10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:04	1	SG
C6-C35	STL00006	10.6	U		10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:04	1	SG
Over C12-C28	STL00035	10.6	U		10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:04	1	SG
Over C28-C35	STL00147	10.6	U		10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:04	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		284	266	107	70-130		SVGC#4	55671	01/26/2011 15:04	1	SG
o-Terphenyl	84-15-1		302	266	114	70-130		SVGC#4	55671	01/26/2011 15:04	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-2-3

Lab Sample ID: 560-24119-31
Client Matrix: Solid

Date Sampled: 01/20/2011 15:30
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	9.9			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.56	J	b	0.0499	0.250	0.0465	mg/Kg	55875	02/01/2011 02:35	1	EDR
Barium	7440-39-3	46.2			0.109	0.250	0.102	mg/Kg	55875	02/01/2011 02:35	1	EDR
Cadmium	7440-43-9	0.0672	U		0.0721	0.250	0.0672	mg/Kg	55875	02/01/2011 02:35	1	EDR
Chromium	7440-47-3	2.76			0.112	0.250	0.104	mg/Kg	55875	02/01/2011 02:35	1	EDR
Lead	7439-92-1	5.22			0.205	0.500	0.191	mg/Kg	55875	02/01/2011 02:35	1	EDR
Selenium	7782-49-2	0.140	J U	b	0.0435	0.250	0.0406	mg/Kg	55875	02/01/2011 02:35	1	EDR
Silver	7440-22-4	0.0640	U		0.0686	0.250	0.0640	mg/Kg	55875	02/01/2011 02:35	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0135	U		0.0180	0.200	0.0135	mg/Kg	55715	01/26/2011 14:14	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.757	U		0.700	5.00	0.757	ug/Kg	55942	02/02/2011 13:59	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.411	U		0.380	5.00	0.411	ug/Kg	55942	02/02/2011 13:59	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.725	U		0.670	5.00	0.725	ug/Kg	55942	02/02/2011 13:59	1	SG
1,1,2-Trichloroethane	79-00-5	0.541	U		0.500	5.00	0.541	ug/Kg	55942	02/02/2011 13:59	1	SG
1,1-Dichloroethane	75-34-3	0.638	U		0.590	5.00	0.638	ug/Kg	55942	02/02/2011 13:59	1	SG

FEB 25 11 S. Chatle

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-2-3

Lab Sample ID: 560-24119-31
Client Matrix: Solid

Date Sampled: 01/20/2011 15:30
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.63	J		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
1,1-Dichloropropene	563-58-6	0.563	U		0.520	5.00	0.563	ug/Kg	55942	02/02/2011 13:59	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.476	U		0.440	5.00	0.476	ug/Kg	55942	02/02/2011 13:59	1	SG
1,2,3-Trichloropropane	96-18-4	0.822	U		0.760	5.00	0.822	ug/Kg	55942	02/02/2011 13:59	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.494	J		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
1,2-Dichloroethane	107-06-2	0.563	U		0.520	5.00	0.563	ug/Kg	55942	02/02/2011 13:59	1	SG
1,2-Dichloropropane	78-87-5	0.216	U		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.227	U		0.210	5.00	0.227	ug/Kg	55942	02/02/2011 13:59	1	SG
1,3-Dichloropropane	142-28-9	0.260	U		0.240	5.00	0.260	ug/Kg	55942	02/02/2011 13:59	1	SG
1,4-Dioxane	123-91-1	43.3	U		40.0	100	43.3	ug/Kg	55942	02/02/2011 13:59	1	SG
2,2-Dichloropropane	594-20-7	0.909	U		0.840	5.00	0.909	ug/Kg	55942	02/02/2011 13:59	1	SG
2-Butanone (MEK)	78-93-3	1.08	U		1.00	5.00	1.08	ug/Kg	55942	02/02/2011 13:59	1	SG
2-Hexanone	591-78-6	1.30	U	*	1.20	5.00	1.30	ug/Kg	55942	02/02/2011 13:59	1	SG
2-Nitropropane	79-46-9	0.563	U	*	0.520	5.00	0.563	ug/Kg	55942	02/02/2011 13:59	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.01	U	*	0.930	5.00	1.01	ug/Kg	55942	02/02/2011 13:59	1	SG
Acetone	67-64-1	12.7	~~J~~ U	b	7.20	25.0	7.79	ug/Kg	55942	02/02/2011 13:59	1	SG
Acetonitrile	75-05-8	40.0	U		37.0	50.0	40.0	ug/Kg	55942	02/02/2011 13:59	1	SG
Benzene	71-43-2	0.249	U		0.230	5.00	0.249	ug/Kg	55942	02/02/2011 13:59	1	SG
Bromoform	75-25-2	0.552	U		0.510	5.00	0.552	ug/Kg	55942	02/02/2011 13:59	1	SG
Bromomethane	74-83-9	1.19	U		1.10	5.00	1.19	ug/Kg	55942	02/02/2011 13:59	1	SG
Carbon disulfide	75-15-0	0.790	U		0.730	5.00	0.790	ug/Kg	55942	02/02/2011 13:59	1	SG
Carbon tetrachloride	56-23-5	0.552	U		0.510	5.00	0.552	ug/Kg	55942	02/02/2011 13:59	1	SG
Chlorobenzene	108-90-7	0.249	U		0.230	5.00	0.249	ug/Kg	55942	02/02/2011 13:59	1	SG
Chlorodibromomethane	124-48-1	0.692	U		0.640	5.00	0.692	ug/Kg	55942	02/02/2011 13:59	1	SG
Chloroethane	75-00-3	0.281	U		0.260	5.00	0.281	ug/Kg	55942	02/02/2011 13:59	1	SG
Chloroform	67-66-3	0.941	U		0.870	5.00	0.941	ug/Kg	55942	02/02/2011 13:59	1	SG
Chloromethane	74-87-3	1.30	U		1.20	5.00	1.30	ug/Kg	55942	02/02/2011 13:59	1	SG
cis-1,2-Dichloroethene	156-59-2	0.617	U		0.570	5.00	0.617	ug/Kg	55942	02/02/2011 13:59	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.216	U		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
Dibromomethane	74-95-3	0.768	U		0.710	5.00	0.768	ug/Kg	55942	02/02/2011 13:59	1	SG
Dichlorobromomethane	75-27-4	0.216	U		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
Dichlorodifluoromethane	75-71-8	0.790	U		0.730	5.00	0.790	ug/Kg	55942	02/02/2011 13:59	1	SG
Ethyl acetate	141-78-6	1.30	U		1.20	5.00	1.30	ug/Kg	55942	02/02/2011 13:59	1	SG
Ethyl ether	60-29-7	0.216	U		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
Ethyl methacrylate	97-63-2	0.552	U	*	0.510	5.00	0.552	ug/Kg	55942	02/02/2011 13:59	1	SG

FEB 2 9 '11 Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-2-3

Lab Sample ID: 560-24119-31
Client Matrix: Solid

Date Sampled: 01/20/2011 15:30
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.238	U		0.220	5.00	0.238	ug/Kg	55942	02/02/2011 13:59	1	SG
Ethylene Dibromide	106-93-4	0.216	U		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
Iodomethane	74-88-4	0.865	U		0.800	5.00	0.865	ug/Kg	55942	02/02/2011 13:59	1	SG
Methyl methacrylate	80-62-6	1.19	U		1.10	5.00	1.19	ug/Kg	55942	02/02/2011 13:59	1	SG
Methyl tert-butyl ether	1634-04-4	0.660	U		0.610	5.00	0.660	ug/Kg	55942	02/02/2011 13:59	1	SG
Methylene Chloride	75-09-2	5.41	U		5.00	25.0	5.41	ug/Kg	55942	02/02/2011 13:59	1	SG
Styrene	100-42-5	0.216	U		0.200	5.00	0.216	ug/Kg	55942	02/02/2011 13:59	1	SG
Tetrachloroethene	127-18-4	0.801	U		0.740	5.00	0.801	ug/Kg	55942	02/02/2011 13:59	1	SG
Toluene	108-88-3	0.606	U		0.560	5.00	0.606	ug/Kg	55942	02/02/2011 13:59	1	SG
trans-1,2-Dichloroethene	156-60-5	0.541	U		0.500	5.00	0.541	ug/Kg	55942	02/02/2011 13:59	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.563	U		0.520	5.00	0.563	ug/Kg	55942	02/02/2011 13:59	1	SG
Trichloroethene	79-01-6	0.303	U		0.280	5.00	0.303	ug/Kg	55942	02/02/2011 13:59	1	SG
Trichlorofluoromethane	75-69-4	0.541	U		0.500	5.00	0.541	ug/Kg	55942	02/02/2011 13:59	1	SG
Vinyl acetate	108-05-4	1.19	U		1.10	5.00	1.19	ug/Kg	55942	02/02/2011 13:59	1	SG
Vinyl chloride	75-01-4	0.649	U		0.600	5.00	0.649	ug/Kg	55942	02/02/2011 13:59	1	SG
Xylenes, Total	1330-20-7	0.389	U		0.360	15.0	0.389	ug/Kg	55942	02/02/2011 13:59	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		63.2	54.1	117	69-136		VGCMS#3	55955	02/02/2011 13:59	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		50.8	54.1	94	56-129		VGCMS#3	55955	02/02/2011 13:59	1	SG
Dibromofluoromethane (Surr)	1868-53-7		58.9	54.1	109	63-135		VGCMS#3	55955	02/02/2011 13:59	1	SG
Toluene-d8 (Surr)	2037-26-5		55.6	54.1	103	66-124		VGCMS#3	55955	02/02/2011 13:59	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-2-3

Lab Sample ID: 560-24119-31
Client Matrix: Solid

Date Sampled: 01/20/2011 15:30
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	50.6	U		45.7	330	50.6	ug/Kg	55775	01/28/2011 13:35	1	GEF
1,2-Dichlorobenzene	95-50-1	57.6	U		52.1	330	57.6	ug/Kg	55775	01/28/2011 13:35	1	GEF
1,3-Dichlorobenzene	541-73-1	48.5	U		43.8	330	48.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
1,4-Dichlorobenzene	106-46-7	50.7	U		45.8	330	50.7	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,4-Dichlorophenol	120-83-2	25.2	U		22.8	330	25.2	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,4-Dimethylphenol	105-67-9	22.6	U		20.4	330	22.6	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,4-Dinitrophenol	51-28-5	111	U		100	330	111	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,4-Dinitrotoluene	121-14-2	55.3	U		50.0	330	55.3	ug/Kg	55775	01/28/2011 13:35	1	GEF
2,6-Dinitrotoluene	606-20-2	55.3	U		50.0	330	55.3	ug/Kg	55775	01/28/2011 13:35	1	GEF
2-Chloronaphthalene	91-58-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
2-Chlorophenol	95-57-8	30.8	U		27.8	330	30.8	ug/Kg	55775	01/28/2011 13:35	1	GEF
2-Methylnaphthalene	91-57-6	34.4	U		31.1	330	34.4	ug/Kg	55775	01/28/2011 13:35	1	GEF
2-Methylphenol	95-48-7	36.5	U		33.0	330	36.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
2-Nitroaniline	88-74-4	24.6	U		22.2	330	24.6	ug/Kg	55775	01/28/2011 13:35	1	GEF
2-Nitrophenol	88-75-5	18.8	U		17.0	330	18.8	ug/Kg	55775	01/28/2011 13:35	1	GEF
3 & 4 Methylphenol	15831-10-4	55.3	U		50.0	670	55.3	ug/Kg	55775	01/28/2011 13:35	1	GEF
3,3'-Dichlorobenzidine	91-94-1	185	U		167	330	185	ug/Kg	55775	01/28/2011 13:35	1	GEF
3-Nitroaniline	99-09-2	111	U		100	330	111	ug/Kg	55775	01/28/2011 13:35	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.3	U		50.0	330	55.3	ug/Kg	55775	01/28/2011 13:35	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
4-Chloroaniline	106-47-8	111	U		100	330	111	ug/Kg	55775	01/28/2011 13:35	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
4-Nitroaniline	100-01-6	111	U		100	330	111	ug/Kg	55775	01/28/2011 13:35	1	GEF
4-Nitrophenol	100-02-7	111	U		100	330	111	ug/Kg	55775	01/28/2011 13:35	1	GEF
Acenaphthene	83-32-9	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Acenaphthylene	208-96-8	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Anthracene	120-12-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Benzo[a]anthracene	56-55-3	48.1	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Benzo[a]pyrene	50-32-8	72.2	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Benzo[b]fluoranthene	205-99-2	104	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-2-3

Lab Sample ID: 560-24119-31
Client Matrix: Solid

Date Sampled: 01/20/2011 15:30
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	49.1	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Benzo[k]fluoranthene	207-08-9	38.9	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Benzyl alcohol	100-51-6	27.1	U		24.5	330	27.1	ug/Kg	55775	01/28/2011 13:35	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.4	U		37.4	330	41.4	ug/Kg	55775	01/28/2011 13:35	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Butyl benzyl phthalate	85-68-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Chrysene	218-01-9	67.7	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Di-n-butyl phthalate	84-74-2	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Di-n-octyl phthalate	117-84-0	20.7	U		18.7	330	20.7	ug/Kg	55775	01/28/2011 13:35	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Dibenzofuran	132-64-9	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Diethyl phthalate	84-66-2	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Dimethyl phthalate	131-11-3	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Fluoranthene	206-44-0	86.8	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Fluorene	86-73-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Hexachlorobenzene	118-74-1	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Hexachlorobutadiene	87-68-3	49.4	U		44.7	330	49.4	ug/Kg	55775	01/28/2011 13:35	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.3	U		50.0	330	55.3	ug/Kg	55775	01/28/2011 13:35	1	GEF
Hexachloroethane	67-72-1	55.4	U		50.1	330	55.4	ug/Kg	55775	01/28/2011 13:35	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	46.3	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Isophorone	78-59-1	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Naphthalene	91-20-3	46.1	U		41.7	330	46.1	ug/Kg	55775	01/28/2011 13:35	1	GEF
Nitrobenzene	98-95-3	40.3	U		36.4	330	40.3	ug/Kg	55775	01/28/2011 13:35	1	GEF
Pentachlorophenol	87-86-5	111	U		100	330	111	ug/Kg	55775	01/28/2011 13:35	1	GEF
Phenanthrene	85-01-8	32.2	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Phenol	108-95-2	18.5	U		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF
Pyrene	129-00-0	74.8	J		16.7	330	18.5	ug/Kg	55775	01/28/2011 13:35	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

S. Charfe
FEB 24 11
Form

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4330	5530	78	65-120		SVGCMS#3	55725	01/28/2011 13:35	1	GEF
2-Fluorobiphenyl	321-60-8		2520	3690	68	64-120		SVGCMS#3	55725	01/28/2011 13:35	1	GEF
2-Fluorophenol	367-12-4		3100	5530	56	53-120		SVGCMS#3	55725	01/28/2011 13:35	1	GEF
Nitrobenzene-d5	4165-60-0		2130	3690	58	55-120		SVGCMS#3	55725	01/28/2011 13:35	1	GEF
Phenol-d5	4165-62-2		3470	5530	63	59-120		SVGCMS#3	55725	01/28/2011 13:35	1	GEF
Terphenyl-d14	1718-51-0		2560	3690	69	67-120		SVGCMS#3	55725	01/28/2011 13:35	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB18-2-3

Lab Sample ID: 560-24119-31
Client Matrix: Solid

Date Sampled: 01/20/2011 15:30
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.1	U		10.0	50.0	11.1	mg/Kg	55688	01/26/2011 15:13	1	SG
C6-C35	STL00006	11.1	U		10.0	50.0	11.1	mg/Kg	55688	01/26/2011 15:13	1	SG
Over C12-C28	STL00035	11.1	U		10.0	50.0	11.1	mg/Kg	55688	01/26/2011 15:13	1	SG
Over C28-C35	STL00147	11.1	U		10.0	50.0	11.1	mg/Kg	55688	01/26/2011 15:13	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		294	279	106	70-130		SVGC#4	55671	01/26/2011 15:13	1	SG
o-Terphenyl	84-15-1		315	279	113	70-130		SVGC#4	55671	01/26/2011 15:13	1	SG

S. Chaffe
FEB 2 4-11
Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-D

Lab Sample ID: 560-24119-32 TB
Client Matrix: Water

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 5030B,Water												
Purge and Trap		Complete								01/25/2011 20:29		
Method: SW846 8260B,Water												
1,1,1-Trichloroethane	71-55-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.278	U		0.278	1.00	0.278	ug/L	55630	01/25/2011 20:29	1	SG
1,1,2-Trichloroethane	79-00-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,1-Dichloroethane	75-34-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,1-Dichloroethene	75-35-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,1-Dichloropropene	563-58-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.217	U		0.217	5.00	0.217	ug/L	55630	01/25/2011 20:29	1	SG
1,2,3-Trichloropropane	96-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,2-Dichloroethane	107-06-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,2-Dichloropropane	78-87-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,3-Dichloropropane	142-28-9	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
1,4-Dioxane	123-91-1	7.46	U		7.46	100	7.46	ug/L	55630	01/25/2011 20:29	1	SG
2,2-Dichloropropane	594-20-7	0.335	U		0.335	1.00	0.335	ug/L	55630	01/25/2011 20:29	1	SG
2-Butanone (MEK)	78-93-3	0.474	U		0.474	5.00	0.474	ug/L	55630	01/25/2011 20:29	1	SG
2-Hexanone	591-78-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
2-Nitropropane	79-46-9	0.225	U		0.225	5.00	0.225	ug/L	55630	01/25/2011 20:29	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Acetone	67-64-1	5.00	U		5.00	10.0	5.00	ug/L	55630	01/25/2011 20:29	1	SG
Acetonitrile	75-05-8	2.16	U		2.16	50.0	2.16	ug/L	55630	01/25/2011 20:29	1	SG
Benzene	71-43-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Bromoform	75-25-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Bromomethane	74-83-9	0.392	U		0.392	5.00	0.392	ug/L	55630	01/25/2011 20:29	1	SG
Carbon disulfide	75-15-0	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Carbon tetrachloride	56-23-5	0.251	U		0.251	1.00	0.251	ug/L	55630	01/25/2011 20:29	1	SG
Chlorobenzene	108-90-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Chlorodibromomethane	124-48-1	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 20:29	1	SG
Chloroethane	75-00-3	0.400	U		0.400	5.00	0.400	ug/L	55630	01/25/2011 20:29	1	SG

FEB 2 5 2011
Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-D

Lab Sample ID: 560-24119-32 TB
Client Matrix: Water

Date Sampled: 01/20/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Chloroform	67-66-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Chloromethane	74-87-3	0.390	U		0.390	5.00	0.390	ug/L	55630	01/25/2011 20:29	1	SG
cis-1,2-Dichloroethene	156-59-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Dibromomethane	74-95-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Dichlorobromomethane	75-27-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Dichlorodifluoromethane	75-71-8	0.429	U		0.429	5.00	0.429	ug/L	55630	01/25/2011 20:29	1	SG
Ethyl acetate	141-78-6	0.300	U		0.300	5.00	0.300	ug/L	55630	01/25/2011 20:29	1	SG
Ethyl ether	60-29-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Ethyl methacrylate	97-63-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Ethylbenzene	100-41-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Ethylene Dibromide	106-93-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Iodomethane	74-88-4	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 20:29	1	SG
Methyl methacrylate	80-62-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Methyl tert-butyl ether	1634-04-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Methylene Chloride	75-09-2	1.20	U		1.20	5.00	1.20	ug/L	55630	01/25/2011 20:29	1	SG
Styrene	100-42-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Tetrachloroethene	127-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Toluene	108-88-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
trans-1,2-Dichloroethene	156-60-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Trichloroethene	79-01-6	0.317	U		0.317	1.00	0.317	ug/L	55630	01/25/2011 20:29	1	SG
Trichlorofluoromethane	75-69-4	0.244	U		0.244	1.00	0.244	ug/L	55630	01/25/2011 20:29	1	SG
Vinyl acetate	108-05-4	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Vinyl chloride	75-01-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:29	1	SG
Xylenes, Total	1330-20-7	0.226	U		0.226	3.00	0.226	ug/L	55630	01/25/2011 20:29	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	TB	50.0	50.0	100	75-123		VGCMS#1		01/25/2011 20:29	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	TB	50.3	50.0	101	80-120		VGCMS#1		01/25/2011 20:29	1	SG
Dibromofluoromethane (Surr)	1868-53-7	TB	50.6	50.0	101	75-126		VGCMS#1		01/25/2011 20:29	1	SG
Toluene-d8 (Surr)	2037-26-5	TB	48.6	50.0	97	80-120		VGCMS#1		01/25/2011 20:29	1	SG

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FEB 2 5 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-0-0.5

Lab Sample ID: 560-24119-33
Client Matrix: Solid

Date Sampled: 01/20/2011 13:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	6.2			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.32	J	b	0.0499	0.250	0.0511	mg/Kg	55875	02/01/2011 02:41	1	EDR
Barium	7440-39-3	41.4			0.109	0.250	0.112	mg/Kg	55875	02/01/2011 02:41	1	EDR
Cadmium	7440-43-9	0.0738	U		0.0721	0.250	0.0738	mg/Kg	55875	02/01/2011 02:41	1	EDR
Chromium	7440-47-3	3.53			0.112	0.250	0.115	mg/Kg	55875	02/01/2011 02:41	1	EDR
Lead	7439-92-1	4.18			0.205	0.500	0.210	mg/Kg	55875	02/01/2011 02:41	1	EDR
Selenium	7782-49-2	0.194	~~J~~ U	b	0.0435	0.250	0.0445	mg/Kg	55875	02/01/2011 02:41	1	EDR
Silver	7440-22-4	0.0702	U		0.0686	0.250	0.0702	mg/Kg	55875	02/01/2011 02:41	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0125	U		0.0180	0.200	0.0125	mg/Kg	55715	01/26/2011 14:17	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.678	U		0.700	5.00	0.678	ug/Kg	55942	02/02/2011 17:22	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.368	U		0.380	5.00	0.368	ug/Kg	55942	02/02/2011 17:22	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.648	U		0.670	5.00	0.648	ug/Kg	55942	02/02/2011 17:22	1	SG
1,1,2-Trichloroethane	79-00-5	0.484	U		0.500	5.00	0.484	ug/Kg	55942	02/02/2011 17:22	1	SG
1,1-Dichloroethane	75-34-3	0.571	U		0.590	5.00	0.571	ug/Kg	55942	02/02/2011 17:22	1	SG

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Form I
11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-0-0.5

Lab Sample ID: 560-24119-33
Client Matrix: Solid

Date Sampled: 01/20/2011 13:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
1,1-Dichloropropene	563-58-6	0.503	U		0.520	5.00	0.503	ug/Kg	55942	02/02/2011 17:22	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.426	U		0.440	5.00	0.426	ug/Kg	55942	02/02/2011 17:22	1	SG
1,2,3-Trichloropropane	96-18-4	0.736	U		0.760	5.00	0.736	ug/Kg	55942	02/02/2011 17:22	1	SG
1,2,4-Trimethylbenzene	95-63-6	17.4			0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
1,2-Dichloroethane	107-06-2	0.503	U		0.520	5.00	0.503	ug/Kg	55942	02/02/2011 17:22	1	SG
1,2-Dichloropropane	78-87-5	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
1,3,5-Trimethylbenzene	108-67-8	3.87	J		0.210	5.00	0.203	ug/Kg	55942	02/02/2011 17:22	1	SG
1,3-Dichloropropane	142-28-9	0.232	U		0.240	5.00	0.232	ug/Kg	55942	02/02/2011 17:22	1	SG
1,4-Dioxane	123-91-1	38.7	U		40.0	100	38.7	ug/Kg	55942	02/02/2011 17:22	1	SG
2,2-Dichloropropane	594-20-7	0.813	U		0.840	5.00	0.813	ug/Kg	55942	02/02/2011 17:22	1	SG
2-Butanone (MEK)	78-93-3	0.968	U		1.00	5.00	0.968	ug/Kg	55942	02/02/2011 17:22	1	SG
2-Hexanone	591-78-6	1.16	U	*	1.20	5.00	1.16	ug/Kg	55942	02/02/2011 17:22	1	SG
2-Nitropropane	79-46-9	0.503	U	*	0.520	5.00	0.503	ug/Kg	55942	02/02/2011 17:22	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.900	U	*	0.930	5.00	0.900	ug/Kg	55942	02/02/2011 17:22	1	SG
Acetone	67-64-1	10.5	~~J~~ U	b	7.20	25.0	6.97	ug/Kg	55942	02/02/2011 17:22	1	SG
Acetonitrile	75-05-8	35.8	U		37.0	50.0	35.8	ug/Kg	55942	02/02/2011 17:22	1	SG
Benzene	71-43-2	0.223	U		0.230	5.00	0.223	ug/Kg	55942	02/02/2011 17:22	1	SG
Bromoform	75-25-2	0.494	U		0.510	5.00	0.494	ug/Kg	55942	02/02/2011 17:22	1	SG
Bromomethane	74-83-9	1.06	U		1.10	5.00	1.06	ug/Kg	55942	02/02/2011 17:22	1	SG
Carbon disulfide	75-15-0	0.707	U		0.730	5.00	0.707	ug/Kg	55942	02/02/2011 17:22	1	SG
Carbon tetrachloride	56-23-5	0.494	U		0.510	5.00	0.494	ug/Kg	55942	02/02/2011 17:22	1	SG
Chlorobenzene	108-90-7	0.223	U		0.230	5.00	0.223	ug/Kg	55942	02/02/2011 17:22	1	SG
Chlorodibromomethane	124-48-1	0.619	U		0.640	5.00	0.619	ug/Kg	55942	02/02/2011 17:22	1	SG
Chloroethane	75-00-3	0.252	U		0.260	5.00	0.252	ug/Kg	55942	02/02/2011 17:22	1	SG
Chloroform	67-66-3	0.842	U		0.870	5.00	0.842	ug/Kg	55942	02/02/2011 17:22	1	SG
Chloromethane	74-87-3	1.16	U		1.20	5.00	1.16	ug/Kg	55942	02/02/2011 17:22	1	SG
cis-1,2-Dichloroethene	156-59-2	0.552	U		0.570	5.00	0.552	ug/Kg	55942	02/02/2011 17:22	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
Dibromomethane	74-95-3	0.687	U		0.710	5.00	0.687	ug/Kg	55942	02/02/2011 17:22	1	SG
Dichlorobromomethane	75-27-4	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
Dichlorodifluoromethane	75-71-8	0.707	U		0.730	5.00	0.707	ug/Kg	55942	02/02/2011 17:22	1	SG
Ethyl acetate	141-78-6	1.16	U		1.20	5.00	1.16	ug/Kg	55942	02/02/2011 17:22	1	SG
Ethyl ether	60-29-7	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
Ethyl methacrylate	97-63-2	0.494	U	*	0.510	5.00	0.494	ug/Kg	55942	02/02/2011 17:22	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-0-0.5

Lab Sample ID: 560-24119-33
Client Matrix: Solid

Date Sampled: 01/20/2011 13:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.538	J		0.220	5.00	0.213	ug/Kg	55942	02/02/2011 17:22	1	SG
Ethylene Dibromide	106-93-4	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
Iodomethane	74-88-4	0.774	U		0.800	5.00	0.774	ug/Kg	55942	02/02/2011 17:22	1	SG
Methyl methacrylate	80-62-6	1.06	U		1.10	5.00	1.06	ug/Kg	55942	02/02/2011 17:22	1	SG
Methyl tert-butyl ether	1634-04-4	0.590	U		0.610	5.00	0.590	ug/Kg	55942	02/02/2011 17:22	1	SG
Methylene Chloride	75-09-2	4.84	U		5.00	25.0	4.84	ug/Kg	55942	02/02/2011 17:22	1	SG
Styrene	100-42-5	0.194	U		0.200	5.00	0.194	ug/Kg	55942	02/02/2011 17:22	1	SG
Tetrachloroethene	127-18-4	0.716	U		0.740	5.00	0.716	ug/Kg	55942	02/02/2011 17:22	1	SG
Toluene	108-88-3	0.542	U		0.560	5.00	0.542	ug/Kg	55942	02/02/2011 17:22	1	SG
trans-1,2-Dichloroethene	156-60-5	0.484	U		0.500	5.00	0.484	ug/Kg	55942	02/02/2011 17:22	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.503	U		0.520	5.00	0.503	ug/Kg	55942	02/02/2011 17:22	1	SG
Trichloroethene	79-01-6	0.271	U		0.280	5.00	0.271	ug/Kg	55942	02/02/2011 17:22	1	SG
Trichlorofluoromethane	75-69-4	0.484	U		0.500	5.00	0.484	ug/Kg	55942	02/02/2011 17:22	1	SG
Vinyl acetate	108-05-4	1.06	U		1.10	5.00	1.06	ug/Kg	55942	02/02/2011 17:22	1	SG
Vinyl chloride	75-01-4	0.581	U		0.600	5.00	0.581	ug/Kg	55942	02/02/2011 17:22	1	SG
Xylenes, Total	1330-20-7	4.14	J		0.360	15.0	0.348	ug/Kg	55942	02/02/2011 17:22	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		52.2	48.4	108	69-136		VGCMS#3	55955	02/02/2011 17:22	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		44.3	48.4	92	56-129		VGCMS#3	55955	02/02/2011 17:22	1	SG
Dibromofluoromethane (Surr)	1868-53-7		48.7	48.4	101	63-135		VGCMS#3	55955	02/02/2011 17:22	1	SG
Toluene-d8 (Surr)	2037-26-5		47.8	48.4	99	66-124		VGCMS#3	55955	02/02/2011 17:22	1	SG

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FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-0-0.5

Lab Sample ID: 560-24119-33
Client Matrix: Solid

Date Sampled: 01/20/2011 13:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	48.8	U		45.7	330	48.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
1,2-Dichlorobenzene	95-50-1	55.7	U		52.1	330	55.7	ug/Kg	55775	01/28/2011 14:01	1	GEF
1,3-Dichlorobenzene	541-73-1	46.8	U		43.8	330	46.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
1,4-Dichlorobenzene	106-46-7	48.9	U		45.8	330	48.9	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,4,5-Trichlorophenol	95-95-4	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,4,6-Trichlorophenol	88-06-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,4-Dichlorophenol	120-83-2	24.4	U		22.8	330	24.4	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,4-Dimethylphenol	105-67-9	21.8	U		20.4	330	21.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,4-Dinitrophenol	51-28-5	107	U		100	330	107	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,4-Dinitrotoluene	121-14-2	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 14:01	1	GEF
2,6-Dinitrotoluene	606-20-2	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 14:01	1	GEF
2-Chloronaphthalene	91-58-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
2-Chlorophenol	95-57-8	29.7	U		27.8	330	29.7	ug/Kg	55775	01/28/2011 14:01	1	GEF
2-Methylnaphthalene	91-57-6	243	J		31.1	330	33.2	ug/Kg	55775	01/28/2011 14:01	1	GEF
2-Methylphenol	95-48-7	35.3	U		33.0	330	35.3	ug/Kg	55775	01/28/2011 14:01	1	GEF
2-Nitroaniline	88-74-4	23.7	U		22.2	330	23.7	ug/Kg	55775	01/28/2011 14:01	1	GEF
2-Nitrophenol	88-75-5	18.2	U		17.0	330	18.2	ug/Kg	55775	01/28/2011 14:01	1	GEF
3 & 4 Methylphenol	15831-10-4	53.4	U		50.0	670	53.4	ug/Kg	55775	01/28/2011 14:01	1	GEF
3,3'-Dichlorobenzidine	91-94-1	178	U		167	330	178	ug/Kg	55775	01/28/2011 14:01	1	GEF
3-Nitroaniline	99-09-2	107	U		100	330	107	ug/Kg	55775	01/28/2011 14:01	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 14:01	1	GEF
4-Bromophenyl phenyl ether	101-55-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
4-Chloro-3-methylphenol	59-50-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
4-Chloroaniline	106-47-8	107	U		100	330	107	ug/Kg	55775	01/28/2011 14:01	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
4-Nitroaniline	100-01-6	107	U		100	330	107	ug/Kg	55775	01/28/2011 14:01	1	GEF
4-Nitrophenol	100-02-7	107	U		100	330	107	ug/Kg	55775	01/28/2011 14:01	1	GEF
Acenaphthene	83-32-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Acenaphthylene	208-96-8	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Anthracene	120-12-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Benzo[a]anthracene	56-55-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Benzo[a]pyrene	50-32-8	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Benzo[b]fluoranthene	205-99-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-0-0.5

Lab Sample ID: 560-24119-33
Client Matrix: Solid

Date Sampled: 01/20/2011 13:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Benzo[k]fluoranthene	207-08-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Benzyl alcohol	100-51-6	26.2	U		24.5	330	26.2	ug/Kg	55775	01/28/2011 14:01	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Bis(2-chloroethyl)ether	111-44-4	40.0	U		37.4	330	40.0	ug/Kg	55775	01/28/2011 14:01	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	145	J		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Butyl benzyl phthalate	85-68-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Chrysene	218-01-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Di-n-butyl phthalate	84-74-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Di-n-octyl phthalate	117-84-0	20.0	U		18.7	330	20.0	ug/Kg	55775	01/28/2011 14:01	1	GEF
Dibenz(a,h)anthracene	53-70-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Dibenzofuran	132-64-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Diethyl phthalate	84-66-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Dimethyl phthalate	131-11-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Fluoranthene	206-44-0	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Fluorene	86-73-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Hexachlorobenzene	118-74-1	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Hexachlorobutadiene	87-68-3	47.8	U		44.7	330	47.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Hexachlorocyclopentadiene	77-47-4	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 14:01	1	GEF
Hexachloroethane	67-72-1	53.5	U		50.1	330	53.5	ug/Kg	55775	01/28/2011 14:01	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Isophorone	78-59-1	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
N-Nitrosodiphenylamine	86-30-6	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Naphthalene	91-20-3	44.6	U		41.7	330	44.6	ug/Kg	55775	01/28/2011 14:01	1	GEF
Nitrobenzene	98-95-3	38.9	U		36.4	330	38.9	ug/Kg	55775	01/28/2011 14:01	1	GEF
Pentachlorophenol	87-86-5	107	U		100	330	107	ug/Kg	55775	01/28/2011 14:01	1	GEF
Phenanthrene	85-01-8	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Phenol	108-95-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF
Pyrene	129-00-0	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 14:01	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 2 5 2011
S. Chaffe

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4780	5340	89	65-120		SVGCMS#3	55725	01/28/2011 14:01	1	GEF
2-Fluorobiphenyl	321-60-8		2670	3560	75	64-120		SVGCMS#3	55725	01/28/2011 14:01	1	GEF
2-Fluorophenol	367-12-4		3260	5340	61	53-120		SVGCMS#3	55725	01/28/2011 14:01	1	GEF
Nitrobenzene-d5	4165-60-0		2350	3560	66	55-120		SVGCMS#3	55725	01/28/2011 14:01	1	GEF
Phenol-d5	4165-62-2		3600	5340	67	59-120		SVGCMS#3	55725	01/28/2011 14:01	1	GEF
Terphenyl-d14	1718-51-0		2800	3560	78	67-120		SVGCMS#3	55725	01/28/2011 14:01	1	GEF

S. Claffe
FEB 25 11
For

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-0-0.5

Lab Sample ID: 560-24119-33
Client Matrix: Solid

Date Sampled: 01/20/2011 13:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.6	U		10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:23	1	SG
C6-C35	STL00006	99.6			10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:23	1	SG
Over C12-C28	STL00035	70.0			10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:23	1	SG
Over C28-C35	STL00147	29.6	J		10.0	50.0	10.6	mg/Kg	55688	01/26/2011 15:23	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		280	266	105	70-130		SVGC#4	55671	01/26/2011 15:23	1	SG
o-Terphenyl	84-15-1		299	266	112	70-130		SVGC#4	55671	01/26/2011 15:23	1	SG

S. Chaffe
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Form
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX 1006 Frac,Solid										Dry Weight Corrected?:		Y
Texas - Fractionation		Complete							55671	02/01/2011 10:00		MD
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	15			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	42.4	J	b	0.0499	0.250	0.0552	mg/Kg	55875	02/01/2011 02:46	1	EDR
Barium	7440-39-3	638			0.109	0.250	1.21	mg/Kg	55927	02/01/2011 18:46	10	EDR
Cadmium	7440-43-9	0.602			0.0721	0.250	0.0797	mg/Kg	55875	02/01/2011 02:46	1	EDR
Chromium	7440-47-3	9.06			0.112	0.250	0.124	mg/Kg	55875	02/01/2011 02:46	1	EDR
Lead	7439-92-1	5220			0.205	0.500	11.3	mg/Kg	55927	02/01/2011 20:26	50	EDR
Selenium	7782-49-2	2.75	J	b	0.0435	0.250	0.0481	mg/Kg	55875	02/01/2011 02:46	1	EDR
Silver	7440-22-4	0.932			0.0686	0.250	0.0759	mg/Kg	55875	02/01/2011 02:46	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0144	U		0.0180	0.200	0.0144	mg/Kg	55715	01/26/2011 14:19	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.928	U	UJ	0.700	5.00	0.928	ug/Kg	55942	02/02/2011 16:30	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.504	U	UJ	0.380	5.00	0.504	ug/Kg	55942	02/02/2011 16:30	1	SG

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.889	U	UJ	0.670	5.00	0.889	ug/Kg	55942	02/02/2011 16:30	1	SG
1,1,2-Trichloroethane	79-00-5	0.663	U	UJ	0.500	5.00	0.663	ug/Kg	55942	02/02/2011 16:30	1	SG
1,1-Dichloroethane	75-34-3	0.783	U	UJ	0.590	5.00	0.783	ug/Kg	55942	02/02/2011 16:30	1	SG
1,1-Dichloroethene	75-35-4	5.91	J		0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
1,1-Dichloropropene	563-58-6	0.690	U	UJ	0.520	5.00	0.690	ug/Kg	55942	02/02/2011 16:30	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.584	U		0.440	5.00	0.584	ug/Kg	55942	02/02/2011 16:30	1	SG
1,2,3-Trichloropropane	96-18-4	1.01	U		0.760	5.00	1.01	ug/Kg	55942	02/02/2011 16:30	1	SG
1,2,4-Trimethylbenzene	95-63-6	77.7			0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
1,2-Dichloroethane	107-06-2	0.690	U		0.520	5.00	0.690	ug/Kg	55942	02/02/2011 16:30	1	SG
1,2-Dichloropropane	78-87-5	0.265	U		0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
1,3,5-Trimethylbenzene	108-67-8	20.1			0.210	5.00	0.279	ug/Kg	55942	02/02/2011 16:30	1	SG
1,3-Dichloropropane	142-28-9	0.318	U		0.240	5.00	0.318	ug/Kg	55942	02/02/2011 16:30	1	SG
1,4-Dioxane	123-91-1	53.1	U		40.0	100	53.1	ug/Kg	55942	02/02/2011 16:30	1	SG
2,2-Dichloropropane	594-20-7	1.11	U		0.840	5.00	1.11	ug/Kg	55942	02/02/2011 16:30	1	SG
2-Butanone (MEK)	78-93-3	1.33	U		1.00	5.00	1.33	ug/Kg	55942	02/02/2011 16:30	1	SG
2-Hexanone	591-78-6	1.59	U	*	1.20	5.00	1.59	ug/Kg	55942	02/02/2011 16:30	1	SG
2-Nitropropane	79-46-9	0.690	U	*	0.520	5.00	0.690	ug/Kg	55942	02/02/2011 16:30	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.23	U	UJ *	0.930	5.00	1.23	ug/Kg	55942	02/02/2011 16:30	1	SG
Acetone	67-64-1	29.5	~~U~~	U b	7.20	25.0	9.55	ug/Kg	55942	02/02/2011 16:30	1	SG
Acetonitrile	75-05-8	49.1	U	UJ	37.0	50.0	49.1	ug/Kg	55942	02/02/2011 16:30	1	SG
Benzene	71-43-2	0.305	U		0.230	5.00	0.305	ug/Kg	55942	02/02/2011 16:30	1	SG
Bromoform	75-25-2	0.676	U		0.510	5.00	0.676	ug/Kg	55942	02/02/2011 16:30	1	SG
Bromomethane	74-83-9	1.46	U		1.10	5.00	1.46	ug/Kg	55942	02/02/2011 16:30	1	SG
Carbon disulfide	75-15-0	0.968	U		0.730	5.00	0.968	ug/Kg	55942	02/02/2011 16:30	1	SG
Carbon tetrachloride	56-23-5	0.676	U		0.510	5.00	0.676	ug/Kg	55942	02/02/2011 16:30	1	SG
Chlorobenzene	108-90-7	0.305	U		0.230	5.00	0.305	ug/Kg	55942	02/02/2011 16:30	1	SG
Chlorodibromomethane	124-48-1	0.849	U		0.640	5.00	0.849	ug/Kg	55942	02/02/2011 16:30	1	SG
Chloroethane	75-00-3	0.345	U		0.260	5.00	0.345	ug/Kg	55942	02/02/2011 16:30	1	SG
Chloroform	67-66-3	1.15	U		0.870	5.00	1.15	ug/Kg	55942	02/02/2011 16:30	1	SG
Chloromethane	74-87-3	1.59	U		1.20	5.00	1.59	ug/Kg	55942	02/02/2011 16:30	1	SG
cis-1,2-Dichloroethene	156-59-2	0.756	U		0.570	5.00	0.756	ug/Kg	55942	02/02/2011 16:30	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.265	U		0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
Dibromomethane	74-95-3	0.942	U		0.710	5.00	0.942	ug/Kg	55942	02/02/2011 16:30	1	SG
Dichlorobromomethane	75-27-4	0.265	U	UJ	0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Dichlorodifluoromethane	75-71-8	0.968	U	UJ	0.730	5.00	0.968	ug/Kg	55942	02/02/2011 16:30	1	SG
Ethyl acetate	141-78-6	1.59	U		1.20	5.00	1.59	ug/Kg	55942	02/02/2011 16:30	1	SG
Ethyl ether	60-29-7	0.265	U		0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
Ethyl methacrylate	97-63-2	0.676	U		0.510	5.00	0.676	ug/Kg	55942	02/02/2011 16:30	1	SG
Ethylbenzene	100-41-4	0.292	U		0.220	5.00	0.292	ug/Kg	55942	02/02/2011 16:30	1	SG
Ethylene Dibromide	106-93-4	0.265	U		0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
Iodomethane	74-88-4	1.06	U		0.800	5.00	1.06	ug/Kg	55942	02/02/2011 16:30	1	SG
Methyl methacrylate	80-62-6	1.46	U		1.10	5.00	1.46	ug/Kg	55942	02/02/2011 16:30	1	SG
Methyl tert-butyl ether	1634-04-4	0.809	U		0.610	5.00	0.809	ug/Kg	55942	02/02/2011 16:30	1	SG
Methylene Chloride	75-09-2	6.63	U		5.00	25.0	6.63	ug/Kg	55942	02/02/2011 16:30	1	SG
Styrene	100-42-5	0.265	U		0.200	5.00	0.265	ug/Kg	55942	02/02/2011 16:30	1	SG
Tetrachloroethene	127-18-4	0.981	U	UJ	0.740	5.00	0.981	ug/Kg	55942	02/02/2011 16:30	1	SG
Toluene	108-88-3	1.16	J		0.560	5.00	0.743	ug/Kg	55942	02/02/2011 16:30	1	SG
trans-1,2-Dichloroethene	156-60-5	0.663	U	UJ	0.500	5.00	0.663	ug/Kg	55942	02/02/2011 16:30	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.690	U		0.520	5.00	0.690	ug/Kg	55942	02/02/2011 16:30	1	SG
Trichloroethene	79-01-6	0.371	U		0.280	5.00	0.371	ug/Kg	55942	02/02/2011 16:30	1	SG
Trichlorofluoromethane	75-69-4	0.663	U		0.500	5.00	0.663	ug/Kg	55942	02/02/2011 16:30	1	SG
Vinyl acetate	108-05-4	1.46	U		1.10	5.00	1.46	ug/Kg	55942	02/02/2011 16:30	1	SG
Vinyl chloride	75-01-4	0.796	U	UJ	0.600	5.00	0.796	ug/Kg	55942	02/02/2011 16:30	1	SG
Xylenes, Total	1330-20-7	5.65	J		0.360	15.0	0.477	ug/Kg	55942	02/02/2011 16:30	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		81.2	66.3	123	69-136		VGCMS#3	55955	02/02/2011 16:30	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		51.5	66.3	78	56-129		VGCMS#3	55955	02/02/2011 16:30	1	SG
Dibromofluoromethane (Surr)	1868-53-7		72.5	66.3	109	63-135		VGCMS#3	55955	02/02/2011 16:30	1	SG
Toluene-d8 (Surr)	2037-26-5		65.7	66.3	99	66-124		VGCMS#3	55955	02/02/2011 16:30	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	53.7	U		45.7	330	53.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
1,2-Dichlorobenzene	95-50-1	61.2	U		52.1	330	61.2	ug/Kg	55775	01/28/2011 14:26	1	GEF
1,3-Dichlorobenzene	541-73-1	51.4	U		43.8	330	51.4	ug/Kg	55775	01/28/2011 14:26	1	GEF
1,4-Dichlorobenzene	106-46-7	53.8	U		45.8	330	53.8	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,4-Dichlorophenol	120-83-2	26.8	U		22.8	330	26.8	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,4-Dimethylphenol	105-67-9	24.0	U		20.4	330	24.0	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,4-Dinitrophenol	51-28-5	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,4-Dinitrotoluene	121-14-2	58.7	U		50.0	330	58.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
2,6-Dinitrotoluene	606-20-2	58.7	U		50.0	330	58.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
2-Chloronaphthalene	91-58-7	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
2-Chlorophenol	95-57-8	32.7	U		27.8	330	32.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
2-Methylnaphthalene	91-57-6	681			31.1	330	36.5	ug/Kg	55775	01/28/2011 14:26	1	GEF
2-Methylphenol	95-48-7	38.8	U		33.0	330	38.8	ug/Kg	55775	01/28/2011 14:26	1	GEF
2-Nitroaniline	88-74-4	26.1	U		22.2	330	26.1	ug/Kg	55775	01/28/2011 14:26	1	GEF
2-Nitrophenol	88-75-5	20.0	U		17.0	330	20.0	ug/Kg	55775	01/28/2011 14:26	1	GEF
3 & 4 Methylphenol	15831-10-4	58.7	U		50.0	670	58.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
3,3'-Dichlorobenzidine	91-94-1	196	U		167	330	196	ug/Kg	55775	01/28/2011 14:26	1	GEF
3-Nitroaniline	99-09-2	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:26	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	58.7	U		50.0	330	58.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
4-Chloroaniline	106-47-8	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:26	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
4-Nitroaniline	100-01-6	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:26	1	GEF
4-Nitrophenol	100-02-7	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:26	1	GEF
Acenaphthene	83-32-9	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Acenaphthylene	208-96-8	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Anthracene	120-12-7	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Benzo[a]anthracene	56-55-3	25.8	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Benzo[a]pyrene	50-32-8	44.6	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Benzo[b]fluoranthene	205-99-2	94.5	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF

FEB 25 2011
Chain of Custody

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	74.7	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Benzo[k]fluoranthene	207-08-9	31.3	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Benzyl alcohol	100-51-6	28.8	U		24.5	330	28.8	ug/Kg	55775	01/28/2011 14:26	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Bis(2-chloroethyl)ether	111-44-4	43.9	U		37.4	330	43.9	ug/Kg	55775	01/28/2011 14:26	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	157	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Butyl benzyl phthalate	85-68-7	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Chrysene	218-01-9	54.5	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Di-n-butyl phthalate	84-74-2	88.5	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Di-n-octyl phthalate	117-84-0	22.0	U		18.7	330	22.0	ug/Kg	55775	01/28/2011 14:26	1	GEF
Dibenz(a,h)anthracene	53-70-3	24.4	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Dibenzofuran	132-64-9	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Diethyl phthalate	84-66-2	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Dimethyl phthalate	131-11-3	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Fluoranthene	206-44-0	40.7	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Fluorene	86-73-7	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Hexachlorobenzene	118-74-1	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Hexachlorobutadiene	87-68-3	52.5	U		44.7	330	52.5	ug/Kg	55775	01/28/2011 14:26	1	GEF
Hexachlorocyclopentadiene	77-47-4	58.7	U		50.0	330	58.7	ug/Kg	55775	01/28/2011 14:26	1	GEF
Hexachloroethane	67-72-1	58.8	U		50.1	330	58.8	ug/Kg	55775	01/28/2011 14:26	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	46.3	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Isophorone	78-59-1	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Naphthalene	91-20-3	202	J		41.7	330	49.0	ug/Kg	55775	01/28/2011 14:26	1	GEF
Nitrobenzene	98-95-3	42.8	U		36.4	330	42.8	ug/Kg	55775	01/28/2011 14:26	1	GEF
Pentachlorophenol	87-86-5	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:26	1	GEF
Phenanthrene	85-01-8	33.8	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Phenol	108-95-2	19.6	U		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF
Pyrene	129-00-0	39.7	J		16.7	330	19.6	ug/Kg	55775	01/28/2011 14:26	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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S Chaffe

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5240	5870	89	65-120		SVGCMS#3	55725	01/28/2011 14:26	1	GEF
2-Fluorobiphenyl	321-60-8		3090	3920	79	64-120		SVGCMS#3	55725	01/28/2011 14:26	1	GEF
2-Fluorophenol	367-12-4		3760	5870	64	53-120		SVGCMS#3	55725	01/28/2011 14:26	1	GEF
Nitrobenzene-d5	4165-60-0		2790	3920	71	55-120		SVGCMS#3	55725	01/28/2011 14:26	1	GEF
Phenol-d5	4165-62-2		4210	5870	72	59-120		SVGCMS#3	55725	01/28/2011 14:26	1	GEF
Terphenyl-d14	1718-51-0		3030	3920	77	67-120		SVGCMS#3	55725	01/28/2011 14:26	1	GEF

S. Chatte

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Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.8	U		10.0	50.0	11.8	mg/Kg	55688	01/26/2011 15:33	1	SG
C6-C35	STL00006	328			10.0	50.0	11.8	mg/Kg	55688	01/26/2011 15:33	1	SG
Over C12-C28	STL00035	224			10.0	50.0	11.8	mg/Kg	55688	01/26/2011 15:33	1	SG
Over C28-C35	STL00147	104			10.0	50.0	11.8	mg/Kg	55688	01/26/2011 15:33	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		311	296	105	70-130		SVGC#4	55671	01/26/2011 15:33	1	SG
o-Terphenyl	84-15-1		331	296	112	70-130		SVGC#4	55671	01/26/2011 15:33	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB13-2-3

Lab Sample ID: 560-24119-34
Client Matrix: Solid

Date Sampled: 01/20/2011 14:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1006,Solid										Dry Weight Corrected?:		Y
nC6 Aliphatics	110-54-3	25.2	U	b	10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C10-C12 aliphatics	STL00116	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C10-C12 aromatics	STL00023	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG
Over C12-C16 aliphatics	STL00139	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C12-C16 aromatics	STL00308	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG
Over C16-C21 aliphatics	STL00235	13.6	J		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C16-C21 aromatics	STL00145	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG
Over C21-C35 aliphatics	STL00312	81.9			10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C21-C35 aromatics	STL00032	28.1	J		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG
Over C6-C35	STL00423	209			10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C6-C35 aliphatics	STL00424	149	J	b	10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C6-C35 aromatics	STL00425	28.1	J		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG
Over C6-C8 aliphatics	STL00005	28.0	J		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C7-C8 aromatics	STL00305	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG
Over C8-C10 aliphatics	STL00135	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 04:01	1	SG
Over C8-C10 aromatics	STL00107	11.8	U		10.0	50.0	11.8	mg/Kg	56010	02/04/2011 05:28	1	SG

S. Chaffe
FEB 25 11

Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-0-0.5

Lab Sample ID: 560-24119-35
Client Matrix: Solid

Date Sampled: 01/20/2011 14:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.22	J	b	0.0499	0.250	0.0528	mg/Kg	55875	02/01/2011 02:52	1	EDR
Barium	7440-39-3	34.2			0.109	0.250	0.115	mg/Kg	55875	02/01/2011 02:52	1	EDR
Cadmium	7440-43-9	0.0763	U		0.0721	0.250	0.0763	mg/Kg	55875	02/01/2011 02:52	1	EDR
Chromium	7440-47-3	3.16			0.112	0.250	0.119	mg/Kg	55875	02/01/2011 02:52	1	EDR
Lead	7439-92-1	3.75			0.205	0.500	0.217	mg/Kg	55875	02/01/2011 02:52	1	EDR
Selenium	7782-49-2	0.131	J U	b	0.0435	0.250	0.0460	mg/Kg	55875	02/01/2011 02:52	1	EDR
Silver	7440-22-4	0.0726	U		0.0686	0.250	0.0726	mg/Kg	55875	02/01/2011 02:52	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0133	U		0.0180	0.200	0.0133	mg/Kg	55715	01/26/2011 14:22	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.722	U	UJL	0.700	5.00	0.722	ug/Kg	55942	02/02/2011 14:25	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.392	U		0.380	5.00	0.392	ug/Kg	55942	02/02/2011 14:25	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.692	U		0.670	5.00	0.692	ug/Kg	55942	02/02/2011 14:25	1	SG
1,1,2-Trichloroethane	79-00-5	0.516	U		0.500	5.00	0.516	ug/Kg	55942	02/02/2011 14:25	1	SG
1,1-Dichloroethane	75-34-3	0.609	U	UJL	0.590	5.00	0.609	ug/Kg	55942	02/02/2011 14:25	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-0-0.5

Lab Sample ID: 560-24119-35
Client Matrix: Solid

Date Sampled: 01/20/2011 14:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.86	J		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
1,1-Dichloropropene	563-58-6	0.537	U		0.520	5.00	0.537	ug/Kg	55942	02/02/2011 14:25	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.454	U		0.440	5.00	0.454	ug/Kg	55942	02/02/2011 14:25	1	SG
1,2,3-Trichloropropane	96-18-4	0.784	U		0.760	5.00	0.784	ug/Kg	55942	02/02/2011 14:25	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
1,2-Dichloroethane	107-06-2	0.537	U		0.520	5.00	0.537	ug/Kg	55942	02/02/2011 14:25	1	SG
1,2-Dichloropropane	78-87-5	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.217	U		0.210	5.00	0.217	ug/Kg	55942	02/02/2011 14:25	1	SG
1,3-Dichloropropane	142-28-9	0.248	U		0.240	5.00	0.248	ug/Kg	55942	02/02/2011 14:25	1	SG
1,4-Dioxane	123-91-1	41.3	U		40.0	100	41.3	ug/Kg	55942	02/02/2011 14:25	1	SG
2,2-Dichloropropane	594-20-7	0.867	U		0.840	5.00	0.867	ug/Kg	55942	02/02/2011 14:25	1	SG
2-Butanone (MEK)	78-93-3	1.03	U		1.00	5.00	1.03	ug/Kg	55942	02/02/2011 14:25	1	SG
2-Hexanone	591-78-6	1.24	U	*	1.20	5.00	1.24	ug/Kg	55942	02/02/2011 14:25	1	SG
2-Nitropropane	79-46-9	0.537	U	*	0.520	5.00	0.537	ug/Kg	55942	02/02/2011 14:25	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.960	U	*	0.930	5.00	0.960	ug/Kg	55942	02/02/2011 14:25	1	SG
Acetone	67-64-1	22.8	J	b	7.20	25.0	7.43	ug/Kg	55942	02/02/2011 14:25	1	SG
Acetonitrile	75-05-8	38.2	U		37.0	50.0	38.2	ug/Kg	55942	02/02/2011 14:25	1	SG
Benzene	71-43-2	0.237	U		0.230	5.00	0.237	ug/Kg	55942	02/02/2011 14:25	1	SG
Bromoform	75-25-2	0.526	U		0.510	5.00	0.526	ug/Kg	55942	02/02/2011 14:25	1	SG
Bromomethane	74-83-9	1.14	U		1.10	5.00	1.14	ug/Kg	55942	02/02/2011 14:25	1	SG
Carbon disulfide	75-15-0	0.753	U		0.730	5.00	0.753	ug/Kg	55942	02/02/2011 14:25	1	SG
Carbon tetrachloride	56-23-5	0.526	U		0.510	5.00	0.526	ug/Kg	55942	02/02/2011 14:25	1	SG
Chlorobenzene	108-90-7	0.237	U		0.230	5.00	0.237	ug/Kg	55942	02/02/2011 14:25	1	SG
Chlorodibromomethane	124-48-1	0.661	U		0.640	5.00	0.661	ug/Kg	55942	02/02/2011 14:25	1	SG
Chloroethane	75-00-3	0.268	U		0.260	5.00	0.268	ug/Kg	55942	02/02/2011 14:25	1	SG
Chloroform	67-66-3	0.898	U		0.870	5.00	0.898	ug/Kg	55942	02/02/2011 14:25	1	SG
Chloromethane	74-87-3	1.24	U		1.20	5.00	1.24	ug/Kg	55942	02/02/2011 14:25	1	SG
cis-1,2-Dichloroethene	156-59-2	0.588	U		0.570	5.00	0.588	ug/Kg	55942	02/02/2011 14:25	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
Dibromomethane	74-95-3	0.733	U		0.710	5.00	0.733	ug/Kg	55942	02/02/2011 14:25	1	SG
Dichlorobromomethane	75-27-4	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
Dichlorodifluoromethane	75-71-8	0.753	U		0.730	5.00	0.753	ug/Kg	55942	02/02/2011 14:25	1	SG
Ethyl acetate	141-78-6	1.24	U		1.20	5.00	1.24	ug/Kg	55942	02/02/2011 14:25	1	SG
Ethyl ether	60-29-7	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
Ethyl methacrylate	97-63-2	0.526	U	*	0.510	5.00	0.526	ug/Kg	55942	02/02/2011 14:25	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-0-0.5

Lab Sample ID: 560-24119-35
Client Matrix: Solid

Date Sampled: 01/20/2011 14:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.227	U	VJL	0.220	5.00	0.227	ug/Kg	55942	02/02/2011 14:25	1	SG
Ethylene Dibromide	106-93-4	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
Iodomethane	74-88-4	0.826	U		0.800	5.00	0.826	ug/Kg	55942	02/02/2011 14:25	1	SG
Methyl methacrylate	80-62-6	1.14	U		1.10	5.00	1.14	ug/Kg	55942	02/02/2011 14:25	1	SG
Methyl tert-butyl ether	1634-04-4	0.630	U		0.610	5.00	0.630	ug/Kg	55942	02/02/2011 14:25	1	SG
Methylene Chloride	75-09-2	5.16	U		5.00	25.0	5.16	ug/Kg	55942	02/02/2011 14:25	1	SG
Styrene	100-42-5	0.206	U		0.200	5.00	0.206	ug/Kg	55942	02/02/2011 14:25	1	SG
Tetrachloroetherie	127-18-4	0.764	U		0.740	5.00	0.764	ug/Kg	55942	02/02/2011 14:25	1	SG
Toluene	108-88-3	0.578	U		0.560	5.00	0.578	ug/Kg	55942	02/02/2011 14:25	1	SG
trans-1,2-Dichloroethene	156-60-5	0.516	U		0.500	5.00	0.516	ug/Kg	55942	02/02/2011 14:25	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.537	U		0.520	5.00	0.537	ug/Kg	55942	02/02/2011 14:25	1	SG
Trichloroethene	79-01-6	0.289	U		0.280	5.00	0.289	ug/Kg	55942	02/02/2011 14:25	1	SG
Trichlorofluoromethane	75-69-4	0.516	U		0.500	5.00	0.516	ug/Kg	55942	02/02/2011 14:25	1	SG
Vinyl acetate	108-05-4	1.14	U		1.10	5.00	1.14	ug/Kg	55942	02/02/2011 14:25	1	SG
Vinyl chloride	75-01-4	0.619	U		0.600	5.00	0.619	ug/Kg	55942	02/02/2011 14:25	1	SG
Xylenes, Total	1330-20-7	0.372	U	VJL	0.360	15.0	0.372	ug/Kg	55942	02/02/2011 14:25	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		57.3	51.6	111	69-136		VGCMS#3	55955	02/02/2011 14:25	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		48.6	51.6	94	56-129		VGCMS#3	55955	02/02/2011 14:25	1	SG
Dibromofluoromethane (Surr)	1868-53-7		23.8	51.6	46	63-135	X	VGCMS#3	55955	02/02/2011 14:25	1	SG
Toluene-d8 (Surr)	2037-26-5		52.7	51.6	102	66-124		VGCMS#3	55955	02/02/2011 14:25	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-0-0.5

Lab Sample ID: 560-24119-35
Client Matrix: Solid

Date Sampled: 01/20/2011 14:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	53.3	U		45.7	330	53.3	ug/Kg	55775	01/28/2011 14:51	1	GEF
1,2-Dichlorobenzene	95-50-1	60.7	U		52.1	330	60.7	ug/Kg	55775	01/28/2011 14:51	1	GEF
1,3-Dichlorobenzene	541-73-1	51.0	U		43.8	330	51.0	ug/Kg	55775	01/28/2011 14:51	1	GEF
1,4-Dichlorobenzene	106-46-7	53.4	U		45.8	330	53.4	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,4-Dichlorophenol	120-83-2	26.6	U		22.8	330	26.6	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,4-Dimethylphenol	105-67-9	23.8	U		20.4	330	23.8	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,4-Dinitrophenol	51-28-5	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,4-Dinitrotoluene	121-14-2	58.3	U		50.0	330	58.3	ug/Kg	55775	01/28/2011 14:51	1	GEF
2,6-Dinitrotoluene	606-20-2	58.3	U		50.0	330	58.3	ug/Kg	55775	01/28/2011 14:51	1	GEF
2-Chloronaphthalene	91-58-7	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
2-Chlorophenol	95-57-8	32.4	U		27.8	330	32.4	ug/Kg	55775	01/28/2011 14:51	1	GEF
2-Methylnaphthalene	91-57-6	36.2	U		31.1	330	36.2	ug/Kg	55775	01/28/2011 14:51	1	GEF
2-Methylphenol	95-48-7	38.5	U		33.0	330	38.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
2-Nitroaniline	88-74-4	25.9	U		22.2	330	25.9	ug/Kg	55775	01/28/2011 14:51	1	GEF
2-Nitrophenol	88-75-5	19.8	U		17.0	330	19.8	ug/Kg	55775	01/28/2011 14:51	1	GEF
3 & 4 Methylphenol	15831-10-4	58.3	U		50.0	670	58.3	ug/Kg	55775	01/28/2011 14:51	1	GEF
3,3'-Dichlorobenzidine	91-94-1	195	U		167	330	195	ug/Kg	55775	01/28/2011 14:51	1	GEF
3-Nitroaniline	99-09-2	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:51	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	58.3	U		50.0	330	58.3	ug/Kg	55775	01/28/2011 14:51	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
4-Chloroaniline	106-47-8	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:51	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
4-Nitroaniline	100-01-6	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:51	1	GEF
4-Nitrophenol	100-02-7	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:51	1	GEF
Acenaphthene	83-32-9	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Acenaphthylene	208-96-8	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Anthracene	120-12-7	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Benzo[a]anthracene	56-55-3	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Benzo[a]pyrene	50-32-8	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Benzo[b]fluoranthene	205-99-2	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF

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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-0-0.5

Lab Sample ID: 560-24119-35
Client Matrix: Solid

Date Sampled: 01/20/2011 14:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Benzo[k]fluoranthene	207-08-9	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Benzyl alcohol	100-51-6	28.6	U		24.5	330	28.6	ug/Kg	55775	01/28/2011 14:51	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Bis(2-chloroethyl)ether	111-44-4	43.6	U		37.4	330	43.6	ug/Kg	55775	01/28/2011 14:51	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	162	J		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Butyl benzyl phthalate	85-68-7	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Chrysene	218-01-9	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Di-n-butyl phthalate	84-74-2	135	J		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Di-n-octyl phthalate	117-84-0	21.8	U		18.7	330	21.8	ug/Kg	55775	01/28/2011 14:51	1	GEF
Dibenz(a,h)anthracene	53-70-3	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Dibenzofuran	132-64-9	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Diethyl phthalate	84-66-2	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Dimethyl phthalate	131-11-3	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Fluoranthene	206-44-0	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Fluorene	86-73-7	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Hexachlorobenzene	118-74-1	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Hexachlorobutadiene	87-68-3	52.1	U		44.7	330	52.1	ug/Kg	55775	01/28/2011 14:51	1	GEF
Hexachlorocyclopentadiene	77-47-4	58.3	U		50.0	330	58.3	ug/Kg	55775	01/28/2011 14:51	1	GEF
Hexachloroethane	67-72-1	58.4	U		50.1	330	58.4	ug/Kg	55775	01/28/2011 14:51	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Isophorone	78-59-1	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Naphthalene	91-20-3	48.6	U		41.7	330	48.6	ug/Kg	55775	01/28/2011 14:51	1	GEF
Nitrobenzene	98-95-3	42.4	U		36.4	330	42.4	ug/Kg	55775	01/28/2011 14:51	1	GEF
Pentachlorophenol	87-86-5	117	U		100	330	117	ug/Kg	55775	01/28/2011 14:51	1	GEF
Phenanthrene	85-01-8	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Phenol	108-95-2	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF
Pyrene	129-00-0	19.5	U		16.7	330	19.5	ug/Kg	55775	01/28/2011 14:51	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

S. Chaffe
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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5260	5830	90	65-120		SVGCMS#3	55725	01/28/2011 14:51	1	GEF
2-Fluorobiphenyl	321-60-8		3020	3890	78	64-120		SVGCMS#3	55725	01/28/2011 14:51	1	GEF
2-Fluorophenol	367-12-4		3960	5830	68	53-120		SVGCMS#3	55725	01/28/2011 14:51	1	GEF
Nitrobenzene-d5	4165-60-0		2850	3890	73	55-120		SVGCMS#3	55725	01/28/2011 14:51	1	GEF
Phenol-d5	4165-62-2		4340	5830	74	59-120		SVGCMS#3	55725	01/28/2011 14:51	1	GEF
Terphenyl-d14	1718-51-0		3200	3890	82	67-120		SVGCMS#3	55725	01/28/2011 14:51	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-0-0.5

Lab Sample ID: 560-24119-35
Client Matrix: Solid

Date Sampled: 01/20/2011 14:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.7	U		10.0	50.0	11.7	mg/Kg	55688	01/26/2011 15:42	1	SG
C6-C35	STL00006	11.7	U		10.0	50.0	11.7	mg/Kg	55688	01/26/2011 15:42	1	SG
Over C12-C28	STL00035	11.7	U		10.0	50.0	11.7	mg/Kg	55688	01/26/2011 15:42	1	SG
Over C28-C35	STL00147	11.7	U		10.0	50.0	11.7	mg/Kg	55688	01/26/2011 15:42	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		304	291	104	70-130		SVGC#4	55671	01/26/2011 15:42	1	SG
o-Terphenyl	84-15-1		329	291	113	70-130		SVGC#4	55671	01/26/2011 15:42	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-2-3

Lab Sample ID: 560-24119-36
Client Matrix: Solid

Date Sampled: 01/20/2011 14:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.55	J	b	0.0499	0.250	0.0534	mg/Kg	55875	02/01/2011 02:57	1	EDR
Barium	7440-39-3	141			0.109	0.250	0.117	mg/Kg	55875	02/01/2011 02:57	1	EDR
Cadmium	7440-43-9	0.0968	J		0.0721	0.250	0.0771	mg/Kg	55875	02/01/2011 02:57	1	EDR
Chromium	7440-47-3	3.42			0.112	0.250	0.120	mg/Kg	55875	02/01/2011 02:57	1	EDR
Lead	7439-92-1	49.5			0.205	0.500	0.219	mg/Kg	55875	02/01/2011 02:57	1	EDR
Selenium	7782-49-2	0.519	J	b	0.0435	0.250	0.0465	mg/Kg	55875	02/01/2011 02:57	1	EDR
Silver	7440-22-4	0.0733	U		0.0686	0.250	0.0733	mg/Kg	55875	02/01/2011 02:57	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0161	J		0.0180	0.200	0.0131	mg/Kg	55715	01/26/2011 14:24	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.441	U		0.700	5.00	0.441	ug/Kg	55984	02/03/2011 14:26	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.240	U		0.380	5.00	0.240	ug/Kg	55984	02/03/2011 14:26	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.422	U		0.670	5.00	0.422	ug/Kg	55984	02/03/2011 14:26	1	SG
1,1,2-Trichloroethane	79-00-5	0.315	U		0.500	5.00	0.315	ug/Kg	55984	02/03/2011 14:26	1	SG
1,1-Dichloroethane	75-34-3	0.372	U		0.590	5.00	0.372	ug/Kg	55984	02/03/2011 14:26	1	SG

Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-2-3

Lab Sample ID: 560-24119-36
Client Matrix: Solid

Date Sampled: 01/20/2011 14:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	1.13	J		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
1,1-Dichloropropene	563-58-6	0.328	U		0.520	5.00	0.328	ug/Kg	55984	02/03/2011 14:26	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.277	U		0.440	5.00	0.277	ug/Kg	55984	02/03/2011 14:26	1	SG
1,2,3-Trichloropropane	96-18-4	0.479	U		0.760	5.00	0.479	ug/Kg	55984	02/03/2011 14:26	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
1,2-Dichloroethane	107-06-2	0.328	U		0.520	5.00	0.328	ug/Kg	55984	02/03/2011 14:26	1	SG
1,2-Dichloropropane	78-87-5	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.132	U		0.210	5.00	0.132	ug/Kg	55984	02/03/2011 14:26	1	SG
1,3-Dichloropropane	142-28-9	0.151	U		0.240	5.00	0.151	ug/Kg	55984	02/03/2011 14:26	1	SG
1,4-Dioxane	123-91-1	25.2	U		40.0	100	25.2	ug/Kg	55984	02/03/2011 14:26	1	SG
2,2-Dichloropropane	594-20-7	0.529	U		0.840	5.00	0.529	ug/Kg	55984	02/03/2011 14:26	1	SG
2-Butanone (MEK)	78-93-3	0.630	U		1.00	5.00	0.630	ug/Kg	55984	02/03/2011 14:26	1	SG
2-Hexanone	591-78-6	0.756	U	*	1.20	5.00	0.756	ug/Kg	55984	02/03/2011 14:26	1	SG
2-Nitropropane	79-46-9	0.328	U	*	0.520	5.00	0.328	ug/Kg	55984	02/03/2011 14:26	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.586	U	*	0.930	5.00	0.586	ug/Kg	55984	02/03/2011 14:26	1	SG
Acetone	67-64-1	4.54	U		7.20	25.0	4.54	ug/Kg	55984	02/03/2011 14:26	1	SG
Acetonitrile	75-05-8	23.3	U		37.0	50.0	23.3	ug/Kg	55984	02/03/2011 14:26	1	SG
Benzene	71-43-2	0.145	U		0.230	5.00	0.145	ug/Kg	55984	02/03/2011 14:26	1	SG
Bromoform	75-25-2	0.321	U		0.510	5.00	0.321	ug/Kg	55984	02/03/2011 14:26	1	SG
Bromomethane	74-83-9	0.693	U		1.10	5.00	0.693	ug/Kg	55984	02/03/2011 14:26	1	SG
Carbon disulfide	75-15-0	0.460	U		0.730	5.00	0.460	ug/Kg	55984	02/03/2011 14:26	1	SG
Carbon tetrachloride	56-23-5	0.321	U		0.510	5.00	0.321	ug/Kg	55984	02/03/2011 14:26	1	SG
Chlorobenzene	108-90-7	0.145	U		0.230	5.00	0.145	ug/Kg	55984	02/03/2011 14:26	1	SG
Chlorodibromomethane	124-48-1	0.403	U		0.640	5.00	0.403	ug/Kg	55984	02/03/2011 14:26	1	SG
Chloroethane	75-00-3	0.164	U		0.260	5.00	0.164	ug/Kg	55984	02/03/2011 14:26	1	SG
Chloroform	67-66-3	0.548	U		0.870	5.00	0.548	ug/Kg	55984	02/03/2011 14:26	1	SG
Chloromethane	74-87-3	0.756	U		1.20	5.00	0.756	ug/Kg	55984	02/03/2011 14:26	1	SG
cis-1,2-Dichloroethene	156-59-2	0.359	U		0.570	5.00	0.359	ug/Kg	55984	02/03/2011 14:26	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
Dibromomethane	74-95-3	0.448	U		0.710	5.00	0.448	ug/Kg	55984	02/03/2011 14:26	1	SG
Dichlorobromomethane	75-27-4	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
Dichlorodifluoromethane	75-71-8	0.460	U		0.730	5.00	0.460	ug/Kg	55984	02/03/2011 14:26	1	SG
Ethyl acetate	141-78-6	0.756	U		1.20	5.00	0.756	ug/Kg	55984	02/03/2011 14:26	1	SG
Ethyl ether	60-29-7	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
Ethyl methacrylate	97-63-2	0.321	U		0.510	5.00	0.321	ug/Kg	55984	02/03/2011 14:26	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-2-3

Lab Sample ID: 560-24119-36
Client Matrix: Solid

Date Sampled: 01/20/2011 14:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.139	U	UJ	0.220	5.00	0.139	ug/Kg	55984	02/03/2011 14:26	1	SG
Ethylene Dibromide	106-93-4	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
Iodomethane	74-88-4	0.504	U		0.800	5.00	0.504	ug/Kg	55984	02/03/2011 14:26	1	SG
Methyl methacrylate	80-62-6	0.693	U		1.10	5.00	0.693	ug/Kg	55984	02/03/2011 14:26	1	SG
Methyl tert-butyl ether	1634-04-4	0.384	U		0.610	5.00	0.384	ug/Kg	55984	02/03/2011 14:26	1	SG
Methylene Chloride	75-09-2	3.15	U		5.00	25.0	3.15	ug/Kg	55984	02/03/2011 14:26	1	SG
Styrene	100-42-5	0.126	U		0.200	5.00	0.126	ug/Kg	55984	02/03/2011 14:26	1	SG
Tetrachloroethene	127-18-4	0.466	U		0.740	5.00	0.466	ug/Kg	55984	02/03/2011 14:26	1	SG
Toluene	108-88-3	0.353	U		0.560	5.00	0.353	ug/Kg	55984	02/03/2011 14:26	1	SG
trans-1,2-Dichloroethene	156-60-5	0.315	U		0.500	5.00	0.315	ug/Kg	55984	02/03/2011 14:26	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.328	U		0.520	5.00	0.328	ug/Kg	55984	02/03/2011 14:26	1	SG
Trichloroethene	79-01-6	0.176	U		0.280	5.00	0.176	ug/Kg	55984	02/03/2011 14:26	1	SG
Trichlorofluoromethane	75-69-4	0.315	U		0.500	5.00	0.315	ug/Kg	55984	02/03/2011 14:26	1	SG
Vinyl acetate	108-05-4	0.693	U		1.10	5.00	0.693	ug/Kg	55984	02/03/2011 14:26	1	SG
Vinyl chloride	75-01-4	0.378	U		0.600	5.00	0.378	ug/Kg	55984	02/03/2011 14:26	1	SG
Xylenes, Total	1330-20-7	0.227	U	UJ	0.360	15.0	0.227	ug/Kg	55984	02/03/2011 14:26	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		33.2	31.5	105	69-136		VGCMS#3	55995	02/03/2011 14:26	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		20.6	31.5	65	56-129		VGCMS#3	55995	02/03/2011 14:26	1	SG
Dibromofluoromethane (Surr)	1868-53-7		26.6	31.5	84	63-135		VGCMS#3	55995	02/03/2011 14:26	1	SG
Toluene-d8 (Surr)	2037-26-5		29.5	31.5	94	66-124		VGCMS#3	55995	02/03/2011 14:26	1	SG

S. Charte
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-2-3

Lab Sample ID: 560-24119-36
Client Matrix: Solid

Date Sampled: 01/20/2011 14:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.0	U		45.7	330	51.0	ug/Kg	55775	01/28/2011 15:17	1	GEF
1,2-Dichlorobenzene	95-50-1	58.2	U		52.1	330	58.2	ug/Kg	55775	01/28/2011 15:17	1	GEF
1,3-Dichlorobenzene	541-73-1	48.9	U		43.8	330	48.9	ug/Kg	55775	01/28/2011 15:17	1	GEF
1,4-Dichlorobenzene	106-46-7	51.2	U		45.8	330	51.2	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,4-Dichlorophenol	120-83-2	25.5	U		22.8	330	25.5	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,4-Dimethylphenol	105-67-9	22.8	U		20.4	330	22.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,4-Dinitrophenol	51-28-5	112	U		100	330	112	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,4-Dinitrotoluene	121-14-2	55.8	U		50.0	330	55.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
2,6-Dinitrotoluene	606-20-2	55.8	U		50.0	330	55.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
2-Chloronaphthalene	91-58-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
2-Chlorophenol	95-57-8	31.0	U		27.8	330	31.0	ug/Kg	55775	01/28/2011 15:17	1	GEF
2-Methylnaphthalene	91-57-6	34.7	U		31.1	330	34.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
2-Methylphenol	95-48-7	36.9	U		33.0	330	36.9	ug/Kg	55775	01/28/2011 15:17	1	GEF
2-Nitroaniline	88-74-4	24.8	U		22.2	330	24.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
2-Nitrophenol	88-75-5	19.0	U		17.0	330	19.0	ug/Kg	55775	01/28/2011 15:17	1	GEF
3 & 4 Methylphenol	15831-10-4	55.8	U		50.0	670	55.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
3,3'-Dichlorobenzidine	91-94-1	187	U		167	330	187	ug/Kg	55775	01/28/2011 15:17	1	GEF
3-Nitroaniline	99-09-2	112	U		100	330	112	ug/Kg	55775	01/28/2011 15:17	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.8	U		50.0	330	55.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
4-Chloroaniline	106-47-8	112	U		100	330	112	ug/Kg	55775	01/28/2011 15:17	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
4-Nitroaniline	100-01-6	112	U		100	330	112	ug/Kg	55775	01/28/2011 15:17	1	GEF
4-Nitrophenol	100-02-7	112	U		100	330	112	ug/Kg	55775	01/28/2011 15:17	1	GEF
Acenaphthene	83-32-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Acenaphthylene	208-96-8	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Anthracene	120-12-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Benzo[a]anthracene	56-55-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Benzo[a]pyrene	50-32-8	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Benzo[b]fluoranthene	205-99-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-2-3

Lab Sample ID: 560-24119-36
Client Matrix: Solid

Date Sampled: 01/20/2011 14:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Benzo[k]fluoranthene	207-08-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Benzyl alcohol	100-51-6	27.4	U		24.5	330	27.4	ug/Kg	55775	01/28/2011 15:17	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.8	U		37.4	330	41.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Butyl benzyl phthalate	85-68-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Chrysene	218-01-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Di-n-butyl phthalate	84-74-2	30.6	J		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Di-n-octyl phthalate	117-84-0	20.9	U		18.7	330	20.9	ug/Kg	55775	01/28/2011 15:17	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Dibenzofuran	132-64-9	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Diethyl phthalate	84-66-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Dimethyl phthalate	131-11-3	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Fluoranthene	206-44-0	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Fluorene	86-73-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Hexachlorobenzene	118-74-1	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Hexachlorobutadiene	87-68-3	49.9	U		44.7	330	49.9	ug/Kg	55775	01/28/2011 15:17	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.8	U		50.0	330	55.8	ug/Kg	55775	01/28/2011 15:17	1	GEF
Hexachloroethane	67-72-1	56.0	U		50.1	330	56.0	ug/Kg	55775	01/28/2011 15:17	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Isophorone	78-59-1	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Naphthalene	91-20-3	46.6	U		41.7	330	46.6	ug/Kg	55775	01/28/2011 15:17	1	GEF
Nitrobenzene	98-95-3	40.7	U		36.4	330	40.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Pentachlorophenol	87-86-5	112	U		100	330	112	ug/Kg	55775	01/28/2011 15:17	1	GEF
Phenanthrene	85-01-8	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Phenol	108-95-2	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF
Pyrene	129-00-0	18.7	U		16.7	330	18.7	ug/Kg	55775	01/28/2011 15:17	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

FEB 25 11: S. Schaffe

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4680	5580	84	65-120		SVGCMS#3	55725	01/28/2011 15:17	1	GEF
2-Fluorobiphenyl	321-60-8		2650	3720	71	64-120		SVGCMS#3	55725	01/28/2011 15:17	1	GEF
2-Fluorophenol	367-12-4		3410	5580	61	53-120		SVGCMS#3	55725	01/28/2011 15:17	1	GEF
Nitrobenzene-d5	4165-60-0		2440	3720	66	55-120		SVGCMS#3	55725	01/28/2011 15:17	1	GEF
Phenol-d5	4165-62-2		3740	5580	67	59-120		SVGCMS#3	55725	01/28/2011 15:17	1	GEF
Terphenyl-d14	1718-51-0		2710	3720	73	67-120		SVGCMS#3	55725	01/28/2011 15:17	1	GEF

S. Chafe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB14-2-3

Lab Sample ID: 560-24119-36
Client Matrix: Solid

Date Sampled: 01/20/2011 14:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 15:52	1	SG
C6-C35	STL00006	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 15:52	1	SG
Over C12-C28	STL00035	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 15:52	1	SG
Over C28-C35	STL00147	11.2	U		10.0	50.0	11.2	mg/Kg	55688	01/26/2011 15:52	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		301	281	107	70-130		SVGC#4	55671	01/26/2011 15:52	1	SG
o-Terphenyl	84-15-1		324	281	115	70-130		SVGC#4	55671	01/26/2011 15:52	1	SG

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FEB 25 11
Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-0-0.5

Lab Sample ID: 560-24119-37
Client Matrix: Solid

Date Sampled: 01/20/2011 14:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	6.5			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.19	J	b	0.0499	0.250	0.0422	mg/Kg	55875	02/01/2011 03:03	1	EDR
Barium	7440-39-3	30.2			0.109	0.250	0.0922	mg/Kg	55875	02/01/2011 03:03	1	EDR
Cadmium	7440-43-9	0.0610	U		0.0721	0.250	0.0610	mg/Kg	55875	02/01/2011 03:03	1	EDR
Chromium	7440-47-3	2.89			0.112	0.250	0.0948	mg/Kg	55875	02/01/2011 03:03	1	EDR
Lead	7439-92-1	3.65			0.205	0.500	0.173	mg/Kg	55875	02/01/2011 03:03	1	EDR
Selenium	7782-49-2	0.158	J U	b	0.0435	0.250	0.0368	mg/Kg	55875	02/01/2011 03:03	1	EDR
Silver	7440-22-4	0.0580	U		0.0686	0.250	0.0580	mg/Kg	55875	02/01/2011 03:03	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0134	U		0.0180	0.200	0.0134	mg/Kg	55715	01/26/2011 14:28	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.764	U		0.700	5.00	0.764	ug/Kg	55942	02/02/2011 13:08	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.415	U		0.380	5.00	0.415	ug/Kg	55942	02/02/2011 13:08	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.731	U		0.670	5.00	0.731	ug/Kg	55942	02/02/2011 13:08	1	SG
1,1,2-Trichloroethane	79-00-5	0.546	U		0.500	5.00	0.546	ug/Kg	55942	02/02/2011 13:08	1	SG
1,1-Dichloroethane	75-34-3	0.644	U		0.590	5.00	0.644	ug/Kg	55942	02/02/2011 13:08	1	SG

Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-0-0.5

Lab Sample ID: 560-24119-37
Client Matrix: Solid

Date Sampled: 01/20/2011 14:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	3.68	J		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
1,1-Dichloropropene	563-58-6	0.568	U		0.520	5.00	0.568	ug/Kg	55942	02/02/2011 13:08	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.480	U		0.440	5.00	0.480	ug/Kg	55942	02/02/2011 13:08	1	SG
1,2,3-Trichloropropane	96-18-4	0.829	U		0.760	5.00	0.829	ug/Kg	55942	02/02/2011 13:08	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.622	J		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
1,2-Dichloroethane	107-06-2	0.568	U		0.520	5.00	0.568	ug/Kg	55942	02/02/2011 13:08	1	SG
1,2-Dichloropropane	78-87-5	0.218	U		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.229	U		0.210	5.00	0.229	ug/Kg	55942	02/02/2011 13:08	1	SG
1,3-Dichloropropane	142-28-9	0.262	U		0.240	5.00	0.262	ug/Kg	55942	02/02/2011 13:08	1	SG
1,4-Dioxane	123-91-1	43.7	U		40.0	100	43.7	ug/Kg	55942	02/02/2011 13:08	1	SG
2,2-Dichloropropane	594-20-7	0.917	U		0.840	5.00	0.917	ug/Kg	55942	02/02/2011 13:08	1	SG
2-Butanone (MEK)	78-93-3	1.09	U		1.00	5.00	1.09	ug/Kg	55942	02/02/2011 13:08	1	SG
2-Hexanone	591-78-6	1.31	U	*	1.20	5.00	1.31	ug/Kg	55942	02/02/2011 13:08	1	SG
2-Nitropropane	79-46-9	0.568	U	*	0.520	5.00	0.568	ug/Kg	55942	02/02/2011 13:08	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.01	U	*	0.930	5.00	1.01	ug/Kg	55942	02/02/2011 13:08	1	SG
Acetone	67-64-1	26.8	~~J~~ U	b	7.20	25.0	7.86	ug/Kg	55942	02/02/2011 13:08	1	SG
Acetonitrile	75-05-8	40.4	U		37.0	50.0	40.4	ug/Kg	55942	02/02/2011 13:08	1	SG
Benzene	71-43-2	0.251	U		0.230	5.00	0.251	ug/Kg	55942	02/02/2011 13:08	1	SG
Bromoform	75-25-2	0.557	U		0.510	5.00	0.557	ug/Kg	55942	02/02/2011 13:08	1	SG
Bromomethane	74-83-9	1.20	U		1.10	5.00	1.20	ug/Kg	55942	02/02/2011 13:08	1	SG
Carbon disulfide	75-15-0	0.797	U		0.730	5.00	0.797	ug/Kg	55942	02/02/2011 13:08	1	SG
Carbon tetrachloride	56-23-5	0.557	U		0.510	5.00	0.557	ug/Kg	55942	02/02/2011 13:08	1	SG
Chlorobenzene	108-90-7	0.251	U		0.230	5.00	0.251	ug/Kg	55942	02/02/2011 13:08	1	SG
Chlorodibromomethane	124-48-1	0.698	U		0.640	5.00	0.698	ug/Kg	55942	02/02/2011 13:08	1	SG
Chloroethane	75-00-3	0.284	U		0.260	5.00	0.284	ug/Kg	55942	02/02/2011 13:08	1	SG
Chloroform	67-66-3	0.949	U		0.870	5.00	0.949	ug/Kg	55942	02/02/2011 13:08	1	SG
Chloromethane	74-87-3	1.31	U		1.20	5.00	1.31	ug/Kg	55942	02/02/2011 13:08	1	SG
cis-1,2-Dichloroethene	156-59-2	0.622	U		0.570	5.00	0.622	ug/Kg	55942	02/02/2011 13:08	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.218	U		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
Dibromomethane	74-95-3	0.775	U		0.710	5.00	0.775	ug/Kg	55942	02/02/2011 13:08	1	SG
Dichlorobromomethane	75-27-4	0.218	U		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
Dichlorodifluoromethane	75-71-8	0.797	U		0.730	5.00	0.797	ug/Kg	55942	02/02/2011 13:08	1	SG
Ethyl acetate	141-78-6	1.31	U		1.20	5.00	1.31	ug/Kg	55942	02/02/2011 13:08	1	SG
Ethyl ether	60-29-7	0.218	U		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
Ethyl methacrylate	97-63-2	0.557	U	*	0.510	5.00	0.557	ug/Kg	55942	02/02/2011 13:08	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-0-0.5

Lab Sample ID: 560-24119-37
Client Matrix: Solid

Date Sampled: 01/20/2011 14:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.240	U		0.220	5.00	0.240	ug/Kg	55942	02/02/2011 13:08	1	SG
Ethylene Dibromide	106-93-4	0.218	U		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
Iodomethane	74-88-4	0.873	U		0.800	5.00	0.873	ug/Kg	55942	02/02/2011 13:08	1	SG
Methyl methacrylate	80-62-6	1.20	U		1.10	5.00	1.20	ug/Kg	55942	02/02/2011 13:08	1	SG
Methyl tert-butyl ether	1634-04-4	0.666	U		0.610	5.00	0.666	ug/Kg	55942	02/02/2011 13:08	1	SG
Methylene Chloride	75-09-2	5.46	U		5.00	25.0	5.46	ug/Kg	55942	02/02/2011 13:08	1	SG
Styrene	100-42-5	0.218	U		0.200	5.00	0.218	ug/Kg	55942	02/02/2011 13:08	1	SG
Tetrachloroethene	127-18-4	0.808	U		0.740	5.00	0.808	ug/Kg	55942	02/02/2011 13:08	1	SG
Toluene	108-88-3	0.611	U		0.560	5.00	0.611	ug/Kg	55942	02/02/2011 13:08	1	SG
trans-1,2-Dichloroethene	156-60-5	0.546	U		0.500	5.00	0.546	ug/Kg	55942	02/02/2011 13:08	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.568	U		0.520	5.00	0.568	ug/Kg	55942	02/02/2011 13:08	1	SG
Trichloroethene	79-01-6	0.306	U		0.280	5.00	0.306	ug/Kg	55942	02/02/2011 13:08	1	SG
Trichlorofluoromethane	75-69-4	0.546	U		0.500	5.00	0.546	ug/Kg	55942	02/02/2011 13:08	1	SG
Vinyl acetate	108-05-4	1.20	U		1.10	5.00	1.20	ug/Kg	55942	02/02/2011 13:08	1	SG
Vinyl chloride	75-01-4	0.655	U		0.600	5.00	0.655	ug/Kg	55942	02/02/2011 13:08	1	SG
Xylenes, Total	1330-20-7	0.393	U		0.360	15.0	0.393	ug/Kg	55942	02/02/2011 13:08	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		63.2	54.6	116	69-136		VGCMS#3	55955	02/02/2011 13:08	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		51.7	54.6	95	56-129		VGCMS#3	55955	02/02/2011 13:08	1	SG
Dibromofluoromethane (Surr)	1868-53-7		56.2	54.6	103	63-135		VGCMS#3	55955	02/02/2011 13:08	1	SG
Toluene-d8 (Surr)	2037-26-5		55.8	54.6	102	66-124		VGCMS#3	55955	02/02/2011 13:08	1	SG

S. Chaffe
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Form I

Ecology and Environment, Inc.
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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-0-0.5

Lab Sample ID: 560-24119-37
Client Matrix: Solid

Date Sampled: 01/20/2011 14:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	48.8	U		45.7	330	48.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
1,2-Dichlorobenzene	95-50-1	55.6	U		52.1	330	55.6	ug/Kg	55775	01/28/2011 15:42	1	GEF
1,3-Dichlorobenzene	541-73-1	46.8	U		43.8	330	46.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
1,4-Dichlorobenzene	106-46-7	48.9	U		45.8	330	48.9	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,4,5-Trichlorophenol	95-95-4	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,4,6-Trichlorophenol	88-06-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,4-Dichlorophenol	120-83-2	24.3	U		22.8	330	24.3	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,4-Dimethylphenol	105-67-9	21.8	U		20.4	330	21.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,4-Dinitrophenol	51-28-5	107	U		100	330	107	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,4-Dinitrotoluene	121-14-2	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 15:42	1	GEF
2,6-Dinitrotoluene	606-20-2	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 15:42	1	GEF
2-Chloronaphthalene	91-58-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
2-Chlorophenol	95-57-8	29.7	U		27.8	330	29.7	ug/Kg	55775	01/28/2011 15:42	1	GEF
2-Methylnaphthalene	91-57-6	33.2	U		31.1	330	33.2	ug/Kg	55775	01/28/2011 15:42	1	GEF
2-Methylphenol	95-48-7	35.2	U		33.0	330	35.2	ug/Kg	55775	01/28/2011 15:42	1	GEF
2-Nitroaniline	88-74-4	23.7	U		22.2	330	23.7	ug/Kg	55775	01/28/2011 15:42	1	GEF
2-Nitrophenol	88-75-5	18.2	U		17.0	330	18.2	ug/Kg	55775	01/28/2011 15:42	1	GEF
3 & 4 Methylphenol	15831-10-4	53.4	U		50.0	670	53.4	ug/Kg	55775	01/28/2011 15:42	1	GEF
3,3'-Dichlorobenzidine	91-94-1	178	U		167	330	178	ug/Kg	55775	01/28/2011 15:42	1	GEF
3-Nitroaniline	99-09-2	107	U		100	330	107	ug/Kg	55775	01/28/2011 15:42	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 15:42	1	GEF
4-Bromophenyl phenyl ether	101-55-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
4-Chloro-3-methylphenol	59-50-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
4-Chloroaniline	106-47-8	107	U		100	330	107	ug/Kg	55775	01/28/2011 15:42	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
4-Nitroaniline	100-01-6	107	U		100	330	107	ug/Kg	55775	01/28/2011 15:42	1	GEF
4-Nitrophenol	100-02-7	107	U		100	330	107	ug/Kg	55775	01/28/2011 15:42	1	GEF
Acenaphthene	83-32-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Acenaphthylene	208-96-8	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Anthracene	120-12-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Benzo[a]anthracene	56-55-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Benzo[a]pyrene	50-32-8	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Benzo[b]fluoranthene	205-99-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF

Ecology and Environment, Inc.
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Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-0-0.5

Lab Sample ID: 560-24119-37
Client Matrix: Solid

Date Sampled: 01/20/2011 14:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Benzo[k]fluoranthene	207-08-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Benzyl alcohol	100-51-6	26.2	U		24.5	330	26.2	ug/Kg	55775	01/28/2011 15:42	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Bis(2-chloroethyl)ether	111-44-4	39.9	U		37.4	330	39.9	ug/Kg	55775	01/28/2011 15:42	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Butyl benzyl phthalate	85-68-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Chrysene	218-01-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Di-n-butyl phthalate	84-74-2	34.7	J		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Di-n-octyl phthalate	117-84-0	20.0	U		18.7	330	20.0	ug/Kg	55775	01/28/2011 15:42	1	GEF
Dibenz(a,h)anthracene	53-70-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Dibenzofuran	132-64-9	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Diethyl phthalate	84-66-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Dimethyl phthalate	131-11-3	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Fluoranthene	206-44-0	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Fluorene	86-73-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Hexachlorobenzene	118-74-1	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Hexachlorobutadiene	87-68-3	47.7	U		44.7	330	47.7	ug/Kg	55775	01/28/2011 15:42	1	GEF
Hexachlorocyclopentadiene	77-47-4	53.4	U		50.0	330	53.4	ug/Kg	55775	01/28/2011 15:42	1	GEF
Hexachloroethane	67-72-1	53.5	U		50.1	330	53.5	ug/Kg	55775	01/28/2011 15:42	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Isophorone	78-59-1	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
N-Nitrosodiphenylamine	86-30-6	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Naphthalene	91-20-3	44.5	U		41.7	330	44.5	ug/Kg	55775	01/28/2011 15:42	1	GEF
Nitrobenzene	98-95-3	38.9	U		36.4	330	38.9	ug/Kg	55775	01/28/2011 15:42	1	GEF
Pentachlorophenol	87-86-5	107	U		100	330	107	ug/Kg	55775	01/28/2011 15:42	1	GEF
Phenanthrene	85-01-8	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Phenol	108-95-2	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF
Pyrene	129-00-0	17.8	U		16.7	330	17.8	ug/Kg	55775	01/28/2011 15:42	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

SGCtemp

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4480	5340	84	65-120		SVGCMS#3	55725	01/28/2011 15:42	1	GEF
2-Fluorobiphenyl	321-60-8		2560	3560	72	64-120		SVGCMS#3	55725	01/28/2011 15:42	1	GEF
2-Fluorophenol	367-12-4		3150	5340	59	53-120		SVGCMS#3	55725	01/28/2011 15:42	1	GEF
Nitrobenzene-d5	4165-60-0		2260	3560	64	55-120		SVGCMS#3	55725	01/28/2011 15:42	1	GEF
Phenol-d5	4165-62-2		3480	5340	65	59-120		SVGCMS#3	55725	01/28/2011 15:42	1	GEF
Terphenyl-d14	1718-51-0		2690	3560	76	67-120		SVGCMS#3	55725	01/28/2011 15:42	1	GEF

S. Chafe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-0-0.5

Lab Sample ID: 560-24119-37
Client Matrix: Solid

Date Sampled: 01/20/2011 14:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	10.7	U		10.0	50.0	10.7	mg/Kg	55688	01/26/2011 16:02	1	SG
C6-C35	STL00006	140			10.0	50.0	10.7	mg/Kg	55688	01/26/2011 16:02	1	SG
Over C12-C28	STL00035	112			10.0	50.0	10.7	mg/Kg	55688	01/26/2011 16:02	1	SG
Over C28-C35	STL00147	28.4	J		10.0	50.0	10.7	mg/Kg	55688	01/26/2011 16:02	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		282	267	106	70-130		SVGC#4	55671	01/26/2011 16:02	1	SG
o-Terphenyl	84-15-1		300	267	113	70-130		SVGC#4	55671	01/26/2011 16:02	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-2-3

Lab Sample ID: 560-24119-38
Client Matrix: Solid

Date Sampled: 01/20/2011 14:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	3.51	J	b	0.0499	0.250	0.0535	mg/Kg	55875	02/01/2011 03:08	1	EDR
Barium	7440-39-3	238			0.109	0.250	1.17	mg/Kg	55927	02/01/2011 18:51	10	EDR
Cadmium	7440-43-9	0.844			0.0721	0.250	0.0773	mg/Kg	55875	02/01/2011 03:08	1	EDR
Chromium	7440-47-3	9.30			0.112	0.250	0.120	mg/Kg	55875	02/01/2011 03:08	1	EDR
Lead	7439-92-1	846			0.205	0.500	2.20	mg/Kg	55927	02/01/2011 18:51	10	EDR
Selenium	7782-49-2	5.21	J	b	0.0435	0.250	0.0467	mg/Kg	55875	02/01/2011 03:08	1	EDR
Silver	7440-22-4	0.0935	J		0.0686	0.250	0.0736	mg/Kg	55875	02/01/2011 03:08	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0633	J		0.0180	0.200	0.0130	mg/Kg	55715	01/26/2011 14:31	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.884	U		0.700	5.00	0.884	ug/Kg	55984	02/03/2011 14:53	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.480	U		0.380	5.00	0.480	ug/Kg	55984	02/03/2011 14:53	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.846	U		0.670	5.00	0.846	ug/Kg	55984	02/03/2011 14:53	1	SG
1,1,2-Trichloroethane	79-00-5	0.632	U		0.500	5.00	0.632	ug/Kg	55984	02/03/2011 14:53	1	SG
1,1-Dichloroethane	75-34-3	0.745	U		0.590	5.00	0.745	ug/Kg	55984	02/03/2011 14:53	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-2-3

Lab Sample ID: 560-24119-38
Client Matrix: Solid

Date Sampled: 01/20/2011 14:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.15	J		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
1,1-Dichloropropene	563-58-6	0.657	U		0.520	5.00	0.657	ug/Kg	55984	02/03/2011 14:53	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.556	U		0.440	5.00	0.556	ug/Kg	55984	02/03/2011 14:53	1	SG
1,2,3-Trichloropropane	96-18-4	0.960	U		0.760	5.00	0.960	ug/Kg	55984	02/03/2011 14:53	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.710	J		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
1,2-Dichloroethane	107-06-2	0.657	U		0.520	5.00	0.657	ug/Kg	55984	02/03/2011 14:53	1	SG
1,2-Dichloropropane	78-87-5	0.253	U		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.265	U		0.210	5.00	0.265	ug/Kg	55984	02/03/2011 14:53	1	SG
1,3-Dichloropropane	142-28-9	0.303	U		0.240	5.00	0.303	ug/Kg	55984	02/03/2011 14:53	1	SG
1,4-Dioxane	123-91-1	50.5	U		40.0	100	50.5	ug/Kg	55984	02/03/2011 14:53	1	SG
2,2-Dichloropropane	594-20-7	1.06	U		0.840	5.00	1.06	ug/Kg	55984	02/03/2011 14:53	1	SG
2-Butanone (MEK)	78-93-3	1.26	U		1.00	5.00	1.26	ug/Kg	55984	02/03/2011 14:53	1	SG
2-Hexanone	591-78-6	1.52	U	*	1.20	5.00	1.52	ug/Kg	55984	02/03/2011 14:53	1	SG
2-Nitropropane	79-46-9	0.657	U	*	0.520	5.00	0.657	ug/Kg	55984	02/03/2011 14:53	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.17	U	*	0.930	5.00	1.17	ug/Kg	55984	02/03/2011 14:53	1	SG
Acetone	67-64-1	9.23	J		7.20	25.0	9.10	ug/Kg	55984	02/03/2011 14:53	1	SG
Acetonitrile	75-05-8	46.7	U		37.0	50.0	46.7	ug/Kg	55984	02/03/2011 14:53	1	SG
Benzene	71-43-2	0.291	U		0.230	5.00	0.291	ug/Kg	55984	02/03/2011 14:53	1	SG
Bromoform	75-25-2	0.644	U		0.510	5.00	0.644	ug/Kg	55984	02/03/2011 14:53	1	SG
Bromomethane	74-83-9	1.39	U		1.10	5.00	1.39	ug/Kg	55984	02/03/2011 14:53	1	SG
Carbon disulfide	75-15-0	0.922	U		0.730	5.00	0.922	ug/Kg	55984	02/03/2011 14:53	1	SG
Carbon tetrachloride	56-23-5	0.644	U		0.510	5.00	0.644	ug/Kg	55984	02/03/2011 14:53	1	SG
Chlorobenzene	108-90-7	0.291	U		0.230	5.00	0.291	ug/Kg	55984	02/03/2011 14:53	1	SG
Chlorodibromomethane	124-48-1	0.809	U		0.640	5.00	0.809	ug/Kg	55984	02/03/2011 14:53	1	SG
Chloroethane	75-00-3	0.328	U		0.260	5.00	0.328	ug/Kg	55984	02/03/2011 14:53	1	SG
Chloroform	67-66-3	1.10	U		0.870	5.00	1.10	ug/Kg	55984	02/03/2011 14:53	1	SG
Chloromethane	74-87-3	1.52	U		1.20	5.00	1.52	ug/Kg	55984	02/03/2011 14:53	1	SG
cis-1,2-Dichloroethene	156-59-2	0.720	U		0.570	5.00	0.720	ug/Kg	55984	02/03/2011 14:53	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.253	U		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
Dibromomethane	74-95-3	0.897	U		0.710	5.00	0.897	ug/Kg	55984	02/03/2011 14:53	1	SG
Dichlorobromomethane	75-27-4	0.253	U		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
Dichlorodifluoromethane	75-71-8	0.922	U		0.730	5.00	0.922	ug/Kg	55984	02/03/2011 14:53	1	SG
Ethyl acetate	141-78-6	1.52	U		1.20	5.00	1.52	ug/Kg	55984	02/03/2011 14:53	1	SG
Ethyl ether	60-29-7	0.253	U		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
Ethyl methacrylate	97-63-2	0.644	U		0.510	5.00	0.644	ug/Kg	55984	02/03/2011 14:53	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-2-3

Lab Sample ID: 560-24119-38
Client Matrix: Solid

Date Sampled: 01/20/2011 14:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.278	U		0.220	5.00	0.278	ug/Kg	55984	02/03/2011 14:53	1	SG
Ethylene Dibromide	106-93-4	0.253	U		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
Iodomethane	74-88-4	1.01	U		0.800	5.00	1.01	ug/Kg	55984	02/03/2011 14:53	1	SG
Methyl methacrylate	80-62-6	1.39	U		1.10	5.00	1.39	ug/Kg	55984	02/03/2011 14:53	1	SG
Methyl tert-butyl ether	1634-04-4	0.771	U		0.610	5.00	0.771	ug/Kg	55984	02/03/2011 14:53	1	SG
Methylene Chloride	75-09-2	6.32	U		5.00	25.0	6.32	ug/Kg	55984	02/03/2011 14:53	1	SG
Styrene	100-42-5	0.253	U		0.200	5.00	0.253	ug/Kg	55984	02/03/2011 14:53	1	SG
Tetrachloroethene	127-18-4	0.935	U		0.740	5.00	0.935	ug/Kg	55984	02/03/2011 14:53	1	SG
Toluene	108-88-3	0.707	U		0.560	5.00	0.707	ug/Kg	55984	02/03/2011 14:53	1	SG
trans-1,2-Dichloroethene	156-60-5	0.632	U		0.500	5.00	0.632	ug/Kg	55984	02/03/2011 14:53	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.657	U		0.520	5.00	0.657	ug/Kg	55984	02/03/2011 14:53	1	SG
Trichloroethene	79-01-6	0.354	U		0.280	5.00	0.354	ug/Kg	55984	02/03/2011 14:53	1	SG
Trichlorofluoromethane	75-69-4	0.632	U		0.500	5.00	0.632	ug/Kg	55984	02/03/2011 14:53	1	SG
Vinyl acetate	108-05-4	1.39	U		1.10	5.00	1.39	ug/Kg	55984	02/03/2011 14:53	1	SG
Vinyl chloride	75-01-4	0.758	U		0.600	5.00	0.758	ug/Kg	55984	02/03/2011 14:53	1	SG
Xylenes, Total	1330-20-7	0.842	J		0.360	15.0	0.455	ug/Kg	55984	02/03/2011 14:53	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		66.7	63.2	106	69-136		VGCMS#3	55995	02/03/2011 14:53	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		57.7	63.2	91	56-129		VGCMS#3	55995	02/03/2011 14:53	1	SG
Dibromofluoromethane (Surr)	1868-53-7		65.3	63.2	103	63-135		VGCMS#3	55995	02/03/2011 14:53	1	SG
Toluene-d8 (Surr)	2037-26-5		63.7	63.2	101	66-124		VGCMS#3	55995	02/03/2011 14:53	1	SG

S. Chaffe
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Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-2-3

Lab Sample ID: 560-24119-38
Client Matrix: Solid

Date Sampled: 01/20/2011 14:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.6	U		45.7	330	51.6	ug/Kg	55775	01/28/2011 16:07	1	GEF
1,2-Dichlorobenzene	95-50-1	58.9	U		52.1	330	58.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
1,3-Dichlorobenzene	541-73-1	49.5	U		43.8	330	49.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
1,4-Dichlorobenzene	106-46-7	51.8	U		45.8	330	51.8	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,4-Dichlorophenol	120-83-2	25.8	U		22.8	330	25.8	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,4-Dimethylphenol	105-67-9	23.1	U		20.4	330	23.1	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,4-Dinitrophenol	51-28-5	113	U		100	330	113	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,4-Dinitrotoluene	121-14-2	56.5	U		50.0	330	56.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
2,6-Dinitrotoluene	606-20-2	56.5	U		50.0	330	56.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
2-Chloronaphthalene	91-58-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
2-Chlorophenol	95-57-8	31.4	U		27.8	330	31.4	ug/Kg	55775	01/28/2011 16:07	1	GEF
2-Methylnaphthalene	91-57-6	35.1	U		31.1	330	35.1	ug/Kg	55775	01/28/2011 16:07	1	GEF
2-Methylphenol	95-48-7	37.3	U		33.0	330	37.3	ug/Kg	55775	01/28/2011 16:07	1	GEF
2-Nitroaniline	88-74-4	25.1	U		22.2	330	25.1	ug/Kg	55775	01/28/2011 16:07	1	GEF
2-Nitrophenol	88-75-5	19.2	U		17.0	330	19.2	ug/Kg	55775	01/28/2011 16:07	1	GEF
3 & 4 Methylphenol	15831-10-4	56.5	U		50.0	670	56.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
3,3'-Dichlorobenzidine	91-94-1	189	U		167	330	189	ug/Kg	55775	01/28/2011 16:07	1	GEF
3-Nitroaniline	99-09-2	113	U		100	330	113	ug/Kg	55775	01/28/2011 16:07	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	56.5	U		50.0	330	56.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
4-Chloroaniline	106-47-8	113	U		100	330	113	ug/Kg	55775	01/28/2011 16:07	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
4-Nitroaniline	100-01-6	113	U		100	330	113	ug/Kg	55775	01/28/2011 16:07	1	GEF
4-Nitrophenol	100-02-7	113	U		100	330	113	ug/Kg	55775	01/28/2011 16:07	1	GEF
Acenaphthene	83-32-9	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Acenaphthylene	208-96-8	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Anthracene	120-12-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Benzo[a]anthracene	56-55-3	25.8	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Benzo[a]pyrene	50-32-8	36.9	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Benzo[b]fluoranthene	205-99-2	60.1	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF

Seraffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-2-3

Lab Sample ID: 560-24119-38
Client Matrix: Solid

Date Sampled: 01/20/2011 14:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	33.2	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Benzo[k]fluoranthene	207-08-9	25.3	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Benzyl alcohol	100-51-6	27.7	U		24.5	330	27.7	ug/Kg	55775	01/28/2011 16:07	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Bis(2-chloroethyl)ether	111-44-4	42.3	U		37.4	330	42.3	ug/Kg	55775	01/28/2011 16:07	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Butyl benzyl phthalate	85-68-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Chrysene	218-01-9	35.6	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Di-n-butyl phthalate	84-74-2	63.5	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Di-n-octyl phthalate	117-84-0	21.1	U		18.7	330	21.1	ug/Kg	55775	01/28/2011 16:07	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Dibenzofuran	132-64-9	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Diethyl phthalate	84-66-2	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Dimethyl phthalate	131-11-3	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Fluoranthene	206-44-0	44.2	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Fluorene	86-73-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Hexachlorobenzene	118-74-1	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Hexachlorobutadiene	87-68-3	50.5	U		44.7	330	50.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
Hexachlorocyclopentadiene	77-47-4	56.5	U		50.0	330	56.5	ug/Kg	55775	01/28/2011 16:07	1	GEF
Hexachloroethane	67-72-1	56.6	U		50.1	330	56.6	ug/Kg	55775	01/28/2011 16:07	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	28.2	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Isophorone	78-59-1	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Naphthalene	91-20-3	47.1	U		41.7	330	47.1	ug/Kg	55775	01/28/2011 16:07	1	GEF
Nitrobenzene	98-95-3	41.1	U		36.4	330	41.1	ug/Kg	55775	01/28/2011 16:07	1	GEF
Pentachlorophenol	87-86-5	113	U		100	330	113	ug/Kg	55775	01/28/2011 16:07	1	GEF
Phenanthrene	85-01-8	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Phenol	108-95-2	18.9	U		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF
Pyrene	129-00-0	37.4	J		16.7	330	18.9	ug/Kg	55775	01/28/2011 16:07	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Chain of

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4930	5650	87	65-120		SVGCMS#3	55725	01/28/2011 16:07	1	GEF
2-Fluorobiphenyl	321-60-8		2890	3770	77	64-120		SVGCMS#3	55725	01/28/2011 16:07	1	GEF
2-Fluorophenol	367-12-4		3720	5650	66	53-120		SVGCMS#3	55725	01/28/2011 16:07	1	GEF
Nitrobenzene-d5	4165-60-0		2650	3770	70	55-120		SVGCMS#3	55725	01/28/2011 16:07	1	GEF
Phenol-d5	4165-62-2		4020	5650	71	59-120		SVGCMS#3	55725	01/28/2011 16:07	1	GEF
Terphenyl-d14	1718-51-0		2890	3770	77	67-120		SVGCMS#3	55725	01/28/2011 16:07	1	GEF

FEB 2 5 11
Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB15-2-3

Lab Sample ID: 560-24119-38
Client Matrix: Solid

Date Sampled: 01/20/2011 14:35
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.3	U		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 16:31	1	SG
C6-C35	STL00006	19.0	J		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 16:31	1	SG
Over C12-C28	STL00035	19.0	J		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 16:31	1	SG
Over C28-C35	STL00147	11.3	U		10.0	50.0	11.3	mg/Kg	55688	01/26/2011 16:31	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		301	283	106	70-130		SVGC#4	55671	01/26/2011 16:31	1	SG
o-Terphenyl	84-15-1		328	283	116	70-130		SVGC#4	55671	01/26/2011 16:31	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-0-0.5

Lab Sample ID: 560-24119-39
Client Matrix: Solid

Date Sampled: 01/20/2011 14:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Ultrasonic Extraction		Complete							55842	01/31/2011 08:41		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55955	02/02/2011 08:03		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.41	J	b	0.0499	0.250	0.0519	mg/Kg	55875	02/01/2011 03:14	1	EDR
Barium	7440-39-3	39.5			0.109	0.250	0.113	mg/Kg	55875	02/01/2011 03:14	1	EDR
Cadmium	7440-43-9	0.0750	J		0.0721	0.250	0.0750	mg/Kg	55875	02/01/2011 03:14	1	EDR
Chromium	7440-47-3	3.40			0.112	0.250	0.117	mg/Kg	55875	02/01/2011 03:14	1	EDR
Lead	7439-92-1	5.81			0.205	0.500	0.213	mg/Kg	55875	02/01/2011 03:14	1	EDR
Selenium	7782-49-2	0.182	~~J~~ U	b	0.0435	0.250	0.0453	mg/Kg	55875	02/01/2011 03:14	1	EDR
Silver	7440-22-4	0.0714	U		0.0686	0.250	0.0714	mg/Kg	55875	02/01/2011 03:14	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0138	U		0.0180	0.200	0.0138	mg/Kg	55715	01/26/2011 14:33	1	JEM
Method: SW846 8081B,Solid										Dry Weight Corrected?:		Y
4,4'-DDD	72-54-8	0.106	U		0.0881	1.70	0.106	ug/Kg	55896	02/01/2011 16:43	1	BC
4,4'-DDE	72-55-9	0.100	U		0.0833	1.70	0.100	ug/Kg	55896	02/01/2011 16:43	1	BC
4,4'-DDT	50-29-3	0.162	U		0.134	1.70	0.162	ug/Kg	55896	02/01/2011 16:43	1	BC
Aldrin	309-00-2	0.103	U		0.0857	1.70	0.103	ug/Kg	55896	02/01/2011 16:43	1	BC
alpha-BHC	319-84-6	0.262	U		0.217	1.70	0.262	ug/Kg	55896	02/01/2011 16:43	1	BC

S. Charte

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-0-0.5

Lab Sample ID: 560-24119-39
Client Matrix: Solid

Date Sampled: 01/20/2011 14:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
alpha-Chlordane	5103-71-9	0.335	U		0.278	1.70	0.335	ug/Kg	55896	02/01/2011 16:43	1	BC
beta-BHC	319-85-7	0.357	U		0.296	1.70	0.357	ug/Kg	55896	02/01/2011 16:43	1	BC
Chlordane (technical)	57-74-9	2.27	U		1.88	17.0	2.27	ug/Kg	55896	02/01/2011 16:43	1	BC
Chlordane (technical) Peak 1	STL00379	2.27	U		1.88	17.0	2.27	ug/Kg	55896	02/01/2011 16:43	1	BC
Chlordane (technical) Peak 2	STL00380	2.27	U		1.88	17.0	2.27	ug/Kg	55896	02/01/2011 16:43	1	BC
Chlordane (technical) Peak 3	STL00084	2.27	U		1.88	17.0	2.27	ug/Kg	55896	02/01/2011 16:43	1	BC
Chlordane (technical) Peak 4	STL00065	2.27	U		1.88	17.0	2.27	ug/Kg	55896	02/01/2011 16:43	1	BC
delta-BHC	319-86-8	0.100	U		0.0833	1.70	0.100	ug/Kg	55896	02/01/2011 16:43	1	BC
Dieldrin	60-57-1	0.101	U		0.0838	1.70	0.101	ug/Kg	55896	02/01/2011 16:43	1	BC
Endosulfan I	959-98-8	0.100	U		0.0833	1.70	0.100	ug/Kg	55896	02/01/2011 16:43	1	BC
Endosulfan II	33213-65-9	0.100	U		0.0833	1.70	0.100	ug/Kg	55896	02/01/2011 16:43	1	BC
Endosulfan sulfate	1031-07-8	0.130	U		0.108	1.70	0.130	ug/Kg	55896	02/01/2011 16:43	1	BC
Endrin	72-20-8	0.100	U		0.0833	1.70	0.100	ug/Kg	55896	02/01/2011 16:43	1	BC
Endrin aldehyde	7421-93-4	0.169	U		0.140	1.70	0.169	ug/Kg	55896	02/01/2011 16:43	1	BC
Endrin ketone	53494-70-5	0.106	U		0.0881	1.70	0.106	ug/Kg	55896	02/01/2011 16:43	1	BC
gamma-BHC (Lindane)	58-89-9	0.100	U		0.0833	1.70	0.100	ug/Kg	55896	02/01/2011 16:43	1	BC
gamma-Chlordane	5103-74-2	0.459	U		0.381	1.70	0.459	ug/Kg	55896	02/01/2011 16:43	1	BC
Heptachlor	76-44-8	0.541	U		0.449	1.70	0.541	ug/Kg	55896	02/01/2011 16:43	1	BC
Heptachlor epoxide	1024-57-3	0.116	U		0.0963	1.70	0.116	ug/Kg	55896	02/01/2011 16:43	1	BC
Methoxychlor	72-43-5	0.279	U		0.231	1.70	0.279	ug/Kg	55896	02/01/2011 16:43	1	BC
Toxaphene	8001-35-2	6.22	U		5.16	33.0	6.22	ug/Kg	55896	02/01/2011 16:43	1	BC

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
DCB Decachlorobiphenyl	2051-24-3		16.8	20.1	83	55-130		SVGC#1	55842	02/01/2011 16:43	1	BC
Tetrachloro-m-xylene	877-09-8		17.7	20.1	88	69-125		SVGC#1	55842	02/01/2011 16:43	1	BC

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-0-0.5

Lab Sample ID: 560-24119-39
Client Matrix: Solid

Date Sampled: 01/20/2011 14:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.835	U	UJ	0.700	5.00	0.835	ug/Kg	55942	02/02/2011 19:07	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.453	U		0.380	5.00	0.453	ug/Kg	55942	02/02/2011 19:07	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.799	U		0.670	5.00	0.799	ug/Kg	55942	02/02/2011 19:07	1	SG
1,1,2-Trichloroethane	79-00-5	0.596	U		0.500	5.00	0.596	ug/Kg	55942	02/02/2011 19:07	1	SG
1,1-Dichloroethane	75-34-3	0.704	U		0.590	5.00	0.704	ug/Kg	55942	02/02/2011 19:07	1	SG
1,1-Dichloroethene	75-35-4	2.50	J		0.200	5.00	0.239	ug/Kg	55942	02/02/2011 19:07	1	SG
1,1-Dichloropropene	563-58-6	0.620	U	UJ	0.520	5.00	0.620	ug/Kg	55942	02/02/2011 19:07	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.525	U		0.440	5.00	0.525	ug/Kg	55942	02/02/2011 19:07	1	SG
1,2,3-Trichloropropane	96-18-4	0.907	U		0.760	5.00	0.907	ug/Kg	55942	02/02/2011 19:07	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.239	U		0.200	5.00	0.239	ug/Kg	55942	02/02/2011 19:07	1	SG
1,2-Dichloroethane	107-06-2	0.620	U		0.520	5.00	0.620	ug/Kg	55942	02/02/2011 19:07	1	SG
1,2-Dichloropropane	78-87-5	0.239	U		0.200	5.00	0.239	ug/Kg	55942	02/02/2011 19:07	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.251	U		0.210	5.00	0.251	ug/Kg	55942	02/02/2011 19:07	1	SG
1,3-Dichloropropane	142-28-9	0.286	U		0.240	5.00	0.286	ug/Kg	55942	02/02/2011 19:07	1	SG
1,4-Dioxane	123-91-1	47.7	U		40.0	100	47.7	ug/Kg	55942	02/02/2011 19:07	1	SG
2,2-Dichloropropane	594-20-7	1.00	U		0.840	5.00	1.00	ug/Kg	55942	02/02/2011 19:07	1	SG
2-Butanone (MEK)	78-93-3	1.19	U		1.00	5.00	1.19	ug/Kg	55942	02/02/2011 19:07	1	SG
2-Hexanone	591-78-6	1.43	U	*	1.20	5.00	1.43	ug/Kg	55942	02/02/2011 19:07	1	SG
2-Nitropropane	79-46-9	0.620	U	*	0.520	5.00	0.620	ug/Kg	55942	02/02/2011 19:07	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.11	U	*	0.930	5.00	1.11	ug/Kg	55942	02/02/2011 19:07	1	SG
Acetone	67-64-1	16.8	J	U b	7.20	25.0	8.59	ug/Kg	55942	02/02/2011 19:07	1	SG
Acetonitrile	75-05-8	44.1	U	UJ	37.0	50.0	44.1	ug/Kg	55942	02/02/2011 19:07	1	SG
Benzene	71-43-2	0.274	U		0.230	5.00	0.274	ug/Kg	55942	02/02/2011 19:07	1	SG
Bromoform	75-25-2	0.608	U		0.510	5.00	0.608	ug/Kg	55942	02/02/2011 19:07	1	SG
Bromomethane	74-83-9	1.31	U		1.10	5.00	1.31	ug/Kg	55942	02/02/2011 19:07	1	SG
Carbon disulfide	75-15-0	0.871	U		0.730	5.00	0.871	ug/Kg	55942	02/02/2011 19:07	1	SG
Carbon tetrachloride	56-23-5	0.608	U		0.510	5.00	0.608	ug/Kg	55942	02/02/2011 19:07	1	SG
Chlorobenzene	108-90-7	0.274	U		0.230	5.00	0.274	ug/Kg	55942	02/02/2011 19:07	1	SG
Chlorodibromomethane	124-48-1	0.763	U		0.640	5.00	0.763	ug/Kg	55942	02/02/2011 19:07	1	SG
Chloroethane	75-00-3	0.310	U		0.260	5.00	0.310	ug/Kg	55942	02/02/2011 19:07	1	SG
Chloroform	67-66-3	1.04	U		0.870	5.00	1.04	ug/Kg	55942	02/02/2011 19:07	1	SG
Chloromethane	74-87-3	1.43	U		1.20	5.00	1.43	ug/Kg	55942	02/02/2011 19:07	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-0-0.5

Lab Sample ID: 560-24119-39
Client Matrix: Solid

Date Sampled: 01/20/2011 14:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	55.0	U		45.7	330	55.0	ug/Kg	55775	01/28/2011 16:33	1	GEF
1,2-Dichlorobenzene	95-50-1	62.7	U		52.1	330	62.7	ug/Kg	55775	01/28/2011 16:33	1	GEF
1,3-Dichlorobenzene	541-73-1	52.7	U		43.8	330	52.7	ug/Kg	55775	01/28/2011 16:33	1	GEF
1,4-Dichlorobenzene	106-46-7	55.1	U		45.8	330	55.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,4-Dichlorophenol	120-83-2	27.4	U		22.8	330	27.4	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,4-Dimethylphenol	105-67-9	24.5	U		20.4	330	24.5	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,4-Dinitrophenol	51-28-5	120	U		100	330	120	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,4-Dinitrotoluene	121-14-2	60.2	U		50.0	330	60.2	ug/Kg	55775	01/28/2011 16:33	1	GEF
2,6-Dinitrotoluene	606-20-2	60.2	U		50.0	330	60.2	ug/Kg	55775	01/28/2011 16:33	1	GEF
2-Chloronaphthalene	91-58-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
2-Chlorophenol	95-57-8	33.4	U		27.8	330	33.4	ug/Kg	55775	01/28/2011 16:33	1	GEF
2-Methylnaphthalene	91-57-6	37.4	U		31.1	330	37.4	ug/Kg	55775	01/28/2011 16:33	1	GEF
2-Methylphenol	95-48-7	39.7	U		33.0	330	39.7	ug/Kg	55775	01/28/2011 16:33	1	GEF
2-Nitroaniline	88-74-4	26.7	U		22.2	330	26.7	ug/Kg	55775	01/28/2011 16:33	1	GEF
2-Nitrophenol	88-75-5	20.5	U		17.0	330	20.5	ug/Kg	55775	01/28/2011 16:33	1	GEF
3 & 4 Methylphenol	15831-10-4	60.2	U		50.0	670	60.2	ug/Kg	55775	01/28/2011 16:33	1	GEF
3,3'-Dichlorobenzidine	91-94-1	201	U		167	330	201	ug/Kg	55775	01/28/2011 16:33	1	GEF
3-Nitroaniline	99-09-2	120	U		100	330	120	ug/Kg	55775	01/28/2011 16:33	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	60.2	U		50.0	330	60.2	ug/Kg	55775	01/28/2011 16:33	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
4-Chloroaniline	106-47-8	120	U		100	330	120	ug/Kg	55775	01/28/2011 16:33	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
4-Nitroaniline	100-01-6	120	U		100	330	120	ug/Kg	55775	01/28/2011 16:33	1	GEF
4-Nitrophenol	100-02-7	120	U		100	330	120	ug/Kg	55775	01/28/2011 16:33	1	GEF
Acenaphthene	83-32-9	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Acenaphthylene	208-96-8	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Anthracene	120-12-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Benzo[a]anthracene	56-55-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Benzo[a]pyrene	50-32-8	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Benzo[b]fluoranthene	205-99-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF

Scanned Checked

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-0-0.5

Lab Sample ID: 560-24119-39
Client Matrix: Solid

Date Sampled: 01/20/2011 14:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Benzo[k]fluoranthene	207-08-9	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Benzyl alcohol	100-51-6	29.5	U		24.5	330	29.5	ug/Kg	55775	01/28/2011 16:33	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Bis(2-chloroethyl)ether	111-44-4	45.0	U		37.4	330	45.0	ug/Kg	55775	01/28/2011 16:33	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	33.3	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Butyl benzyl phthalate	85-68-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Chrysene	218-01-9	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Di-n-butyl phthalate	84-74-2	20.3	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Di-n-octyl phthalate	117-84-0	22.5	U		18.7	330	22.5	ug/Kg	55775	01/28/2011 16:33	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Dibenzofuran	132-64-9	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Diethyl phthalate	84-66-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Dimethyl phthalate	131-11-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Fluoranthene	206-44-0	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Fluorene	86-73-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Hexachlorobenzene	118-74-1	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Hexachlorobutadiene	87-68-3	53.8	U		44.7	330	53.8	ug/Kg	55775	01/28/2011 16:33	1	GEF
Hexachlorocyclopentadiene	77-47-4	60.2	U		50.0	330	60.2	ug/Kg	55775	01/28/2011 16:33	1	GEF
Hexachloroethane	67-72-1	60.3	U		50.1	330	60.3	ug/Kg	55775	01/28/2011 16:33	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Isophorone	78-59-1	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Naphthalene	91-20-3	50.2	U		41.7	330	50.2	ug/Kg	55775	01/28/2011 16:33	1	GEF
Nitrobenzene	98-95-3	43.8	U		36.4	330	43.8	ug/Kg	55775	01/28/2011 16:33	1	GEF
Pentachlorophenol	87-86-5	120	U		100	330	120	ug/Kg	55775	01/28/2011 16:33	1	GEF
Phenanthrene	85-01-8	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Phenol	108-95-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF
Pyrene	129-00-0	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 16:33	1	GEF

Surrogate

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5540	6020	92	65-120		SVGCMS#3	55725	01/28/2011 16:33	1	GEF
2-Fluorobiphenyl	321-60-8		3240	4010	81	64-120		SVGCMS#3	55725	01/28/2011 16:33	1	GEF
2-Fluorophenol	367-12-4		4240	6020	71	53-120		SVGCMS#3	55725	01/28/2011 16:33	1	GEF
Nitrobenzene-d5	4165-60-0		3100	4010	77	55-120		SVGCMS#3	55725	01/28/2011 16:33	1	GEF
Phenol-d5	4165-62-2		4600	6020	76	59-120		SVGCMS#3	55725	01/28/2011 16:33	1	GEF
Terphenyl-d14	1718-51-0		3340	4010	83	67-120		SVGCMS#3	55725	01/28/2011 16:33	1	GEF

S. Chaffe

FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-0-0.5

Lab Sample ID: 560-24119-39
Client Matrix: Solid

Date Sampled: 01/20/2011 14:50
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.1	U		10.0	50.0	12.1	mg/Kg	55688	01/26/2011 16:40	1	SG
C6-C35	STL00006	12.8	J		10.0	50.0	12.1	mg/Kg	55688	01/26/2011 16:40	1	SG
Over C12-C28	STL00035	12.8	J		10.0	50.0	12.1	mg/Kg	55688	01/26/2011 16:40	1	SG
Over C28-C35	STL00147	12.1	U		10.0	50.0	12.1	mg/Kg	55688	01/26/2011 16:40	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		325	301	108	70-130		SVGC#4	55671	01/26/2011 16:40	1	SG
o-Terphenyl	84-15-1		353	301	117	70-130		SVGC#4	55671	01/26/2011 16:40	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-2-3

Lab Sample ID: 560-24119-40
Client Matrix: Solid

Date Sampled: 01/20/2011 15:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55770	01/27/2011 08:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	6.90	J	b	0.0499	0.250	0.0605	mg/Kg	55875	02/01/2011 03:36	1	EDR
Barium	7440-39-3	386			0.109	0.250	0.661	mg/Kg	55927	02/01/2011 18:57	5	EDR
Cadmium	7440-43-9	5.11			0.0721	0.250	0.0875	mg/Kg	55875	02/01/2011 03:36	1	EDR
Chromium	7440-47-3	11.5			0.112	0.250	0.136	mg/Kg	55875	02/01/2011 03:36	1	EDR
Lead	7439-92-1	88.3			0.205	0.500	0.249	mg/Kg	55875	02/01/2011 03:36	1	EDR
Selenium	7782-49-2	4.65	J	b	0.0435	0.250	0.0528	mg/Kg	55875	02/01/2011 03:36	1	EDR
Silver	7440-22-4	0.133	J		0.0686	0.250	0.0832	mg/Kg	55875	02/01/2011 03:36	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0546	J		0.0180	0.200	0.0133	mg/Kg	55715	01/26/2011 14:35	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.873	U		0.700	5.00	0.873	ug/Kg	55735	01/27/2011 19:30	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.474	U		0.380	5.00	0.474	ug/Kg	55735	01/27/2011 19:30	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.835	U		0.670	5.00	0.835	ug/Kg	55735	01/27/2011 19:30	1	SG
1,1,2-Trichloroethane	79-00-5	0.623	U		0.500	5.00	0.623	ug/Kg	55735	01/27/2011 19:30	1	SG
1,1-Dichloroethane	75-34-3	0.736	U		0.590	5.00	0.736	ug/Kg	55735	01/27/2011 19:30	1	SG

S. Chaffe

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-2-3

Lab Sample ID: 560-24119-40
Client Matrix: Solid

Date Sampled: 01/20/2011 15:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	1.13	J		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
1,1-Dichloropropene	563-58-6	0.648	U		0.520	5.00	0.648	ug/Kg	55735	01/27/2011 19:30	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.549	U		0.440	5.00	0.549	ug/Kg	55735	01/27/2011 19:30	1	SG
1,2,3-Trichloropropane	96-18-4	0.948	U		0.760	5.00	0.948	ug/Kg	55735	01/27/2011 19:30	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
1,2-Dichloroethane	107-06-2	0.648	U		0.520	5.00	0.648	ug/Kg	55735	01/27/2011 19:30	1	SG
1,2-Dichloropropane	78-87-5	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.262	U		0.210	5.00	0.262	ug/Kg	55735	01/27/2011 19:30	1	SG
1,3-Dichloropropane	142-28-9	0.299	U		0.240	5.00	0.299	ug/Kg	55735	01/27/2011 19:30	1	SG
1,4-Dioxane	123-91-1	49.9	U		40.0	100	49.9	ug/Kg	55735	01/27/2011 19:30	1	SG
2,2-Dichloropropane	594-20-7	1.05	U		0.840	5.00	1.05	ug/Kg	55735	01/27/2011 19:30	1	SG
2-Butanone (MEK)	78-93-3	1.25	U		1.00	5.00	1.25	ug/Kg	55735	01/27/2011 19:30	1	SG
2-Hexanone	591-78-6	1.50	U		1.20	5.00	1.50	ug/Kg	55735	01/27/2011 19:30	1	SG
2-Nitropropane	79-46-9	0.648	U		0.520	5.00	0.648	ug/Kg	55735	01/27/2011 19:30	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.16	U		0.930	5.00	1.16	ug/Kg	55735	01/27/2011 19:30	1	SG
Acetone	67-64-1	14.3	J		7.20	25.0	8.98	ug/Kg	55735	01/27/2011 19:30	1	SG
Acetonitrile	75-05-8	46.1	U		37.0	50.0	46.1	ug/Kg	55735	01/27/2011 19:30	1	SG
Benzene	71-43-2	0.287	U		0.230	5.00	0.287	ug/Kg	55735	01/27/2011 19:30	1	SG
Bromoform	75-25-2	0.636	U		0.510	5.00	0.636	ug/Kg	55735	01/27/2011 19:30	1	SG
Bromomethane	74-83-9	1.37	U		1.10	5.00	1.37	ug/Kg	55735	01/27/2011 19:30	1	SG
Carbon disulfide	75-15-0	0.910	U		0.730	5.00	0.910	ug/Kg	55735	01/27/2011 19:30	1	SG
Carbon tetrachloride	56-23-5	0.636	U		0.510	5.00	0.636	ug/Kg	55735	01/27/2011 19:30	1	SG
Chlorobenzene	108-90-7	0.287	U		0.230	5.00	0.287	ug/Kg	55735	01/27/2011 19:30	1	SG
Chlorodibromomethane	124-48-1	0.798	U		0.640	5.00	0.798	ug/Kg	55735	01/27/2011 19:30	1	SG
Chloroethane	75-00-3	0.324	U		0.260	5.00	0.324	ug/Kg	55735	01/27/2011 19:30	1	SG
Chloroform	67-66-3	1.08	U		0.870	5.00	1.08	ug/Kg	55735	01/27/2011 19:30	1	SG
Chloromethane	74-87-3	1.50	U		1.20	5.00	1.50	ug/Kg	55735	01/27/2011 19:30	1	SG
cis-1,2-Dichloroethene	156-59-2	0.711	U		0.570	5.00	0.711	ug/Kg	55735	01/27/2011 19:30	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
Dibromomethane	74-95-3	0.885	U		0.710	5.00	0.885	ug/Kg	55735	01/27/2011 19:30	1	SG
Dichlorobromomethane	75-27-4	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
Dichlorodifluoromethane	75-71-8	0.910	U		0.730	5.00	0.910	ug/Kg	55735	01/27/2011 19:30	1	SG
Ethyl acetate	141-78-6	1.50	U		1.20	5.00	1.50	ug/Kg	55735	01/27/2011 19:30	1	SG
Ethyl ether	60-29-7	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
Ethyl methacrylate	97-63-2	0.636	U		0.510	5.00	0.636	ug/Kg	55735	01/27/2011 19:30	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-2-3

Lab Sample ID: 560-24119-40
Client Matrix: Solid

Date Sampled: 01/20/2011 15:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.274	U		0.220	5.00	0.274	ug/Kg	55735	01/27/2011 19:30	1	SG
Ethylene Dibromide	106-93-4	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
Iodomethane	74-88-4	0.997	U		0.800	5.00	0.997	ug/Kg	55735	01/27/2011 19:30	1	SG
Methyl methacrylate	80-62-6	1.37	U		1.10	5.00	1.37	ug/Kg	55735	01/27/2011 19:30	1	SG
Methyl tert-butyl ether	1634-04-4	0.761	U		0.610	5.00	0.761	ug/Kg	55735	01/27/2011 19:30	1	SG
Methylene Chloride	75-09-2	6.23	U		5.00	25.0	6.23	ug/Kg	55735	01/27/2011 19:30	1	SG
Styrene	100-42-5	0.249	U		0.200	5.00	0.249	ug/Kg	55735	01/27/2011 19:30	1	SG
Tetrachloroethene	127-18-4	0.923	U		0.740	5.00	0.923	ug/Kg	55735	01/27/2011 19:30	1	SG
Toluene	108-88-3	0.698	U		0.560	5.00	0.698	ug/Kg	55735	01/27/2011 19:30	1	SG
trans-1,2-Dichloroethene	156-60-5	0.623	U		0.500	5.00	0.623	ug/Kg	55735	01/27/2011 19:30	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.648	U		0.520	5.00	0.648	ug/Kg	55735	01/27/2011 19:30	1	SG
Trichloroethene	79-01-6	0.349	U		0.280	5.00	0.349	ug/Kg	55735	01/27/2011 19:30	1	SG
Trichlorofluoromethane	75-69-4	0.623	U		0.500	5.00	0.623	ug/Kg	55735	01/27/2011 19:30	1	SG
Vinyl acetate	108-05-4	1.37	U		1.10	5.00	1.37	ug/Kg	55735	01/27/2011 19:30	1	SG
Vinyl chloride	75-01-4	0.748	U		0.600	5.00	0.748	ug/Kg	55735	01/27/2011 19:30	1	SG
Xylenes, Total	1330-20-7	0.449	U		0.360	15.0	0.449	ug/Kg	55735	01/27/2011 19:30	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		106	62.3	170	69-136	X	VGCMS#3	55770	01/27/2011 19:30	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		44.4	62.3	71	56-129		VGCMS#3	55770	01/27/2011 19:30	1	SG
Dibromofluoromethane (Surr)	1868-53-7		75.6	62.3	121	63-135		VGCMS#3	55770	01/27/2011 19:30	1	SG
Toluene-d8 (Surr)	2037-26-5		51.4	62.3	82	66-124		VGCMS#3	55770	01/27/2011 19:30	1	SG

S. Charle
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-2-3

Lab Sample ID: 560-24119-40
Client Matrix: Solid

Date Sampled: 01/20/2011 15:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	57.8	U		45.7	330	57.8	ug/Kg	55775	01/28/2011 16:58	1	GEF
1,2-Dichlorobenzene	95-50-1	65.9	U		52.1	330	65.9	ug/Kg	55775	01/28/2011 16:58	1	GEF
1,3-Dichlorobenzene	541-73-1	55.4	U		43.8	330	55.4	ug/Kg	55775	01/28/2011 16:58	1	GEF
1,4-Dichlorobenzene	106-46-7	57.9	U		45.8	330	57.9	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,4,5-Trichlorophenol	95-95-4	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,4,6-Trichlorophenol	88-06-2	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,4-Dichlorophenol	120-83-2	28.8	U		22.8	330	28.8	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,4-Dimethylphenol	105-67-9	25.8	U		20.4	330	25.8	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,4-Dinitrophenol	51-28-5	126	U		100	330	126	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,4-Dinitrotoluene	121-14-2	63.2	U		50.0	330	63.2	ug/Kg	55775	01/28/2011 16:58	1	GEF
2,6-Dinitrotoluene	606-20-2	63.2	U		50.0	330	63.2	ug/Kg	55775	01/28/2011 16:58	1	GEF
2-Chloronaphthalene	91-58-7	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
2-Chlorophenol	95-57-8	35.2	U		27.8	330	35.2	ug/Kg	55775	01/28/2011 16:58	1	GEF
2-Methylnaphthalene	91-57-6	39.3	U		31.1	330	39.3	ug/Kg	55775	01/28/2011 16:58	1	GEF
2-Methylphenol	95-48-7	41.7	U		33.0	330	41.7	ug/Kg	55775	01/28/2011 16:58	1	GEF
2-Nitroaniline	88-74-4	28.1	U		22.2	330	28.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
2-Nitrophenol	88-75-5	21.5	U		17.0	330	21.5	ug/Kg	55775	01/28/2011 16:58	1	GEF
3 & 4 Methylphenol	15831-10-4	63.2	U		50.0	670	63.2	ug/Kg	55775	01/28/2011 16:58	1	GEF
3,3'-Dichlorobenzidine	91-94-1	211	U		167	330	211	ug/Kg	55775	01/28/2011 16:58	1	GEF
3-Nitroaniline	99-09-2	126	U		100	330	126	ug/Kg	55775	01/28/2011 16:58	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	63.2	U		50.0	330	63.2	ug/Kg	55775	01/28/2011 16:58	1	GEF
4-Bromophenyl phenyl ether	101-55-3	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
4-Chloro-3-methylphenol	59-50-7	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
4-Chloroaniline	106-47-8	126	U		100	330	126	ug/Kg	55775	01/28/2011 16:58	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
4-Nitroaniline	100-01-6	126	U		100	330	126	ug/Kg	55775	01/28/2011 16:58	1	GEF
4-Nitrophenol	100-02-7	126	U		100	330	126	ug/Kg	55775	01/28/2011 16:58	1	GEF
Acenaphthene	83-32-9	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Acenaphthylene	208-96-8	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Anthracene	120-12-7	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Benzo[a]anthracene	56-55-3	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Benzo[a]pyrene	50-32-8	25.8	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Benzo[b]fluoranthene	205-99-2	39.3	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF

Eff. 6/15/11 Date

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-2-3

Lab Sample ID: 560-24119-40
Client Matrix: Solid

Date Sampled: 01/20/2011 15:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	21.7	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Benzo[k]fluoranthene	207-08-9	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Benzyl alcohol	100-51-6	31.0	U		24.5	330	31.0	ug/Kg	55775	01/28/2011 16:58	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Bis(2-chloroethyl)ether	111-44-4	47.3	U		37.4	330	47.3	ug/Kg	55775	01/28/2011 16:58	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	42.7	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Butyl benzyl phthalate	85-68-7	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Chrysene	218-01-9	28.9	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Di-n-butyl phthalate	84-74-2	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Di-n-octyl phthalate	117-84-0	23.7	U		18.7	330	23.7	ug/Kg	55775	01/28/2011 16:58	1	GEF
Dibenz(a,h)anthracene	53-70-3	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Dibenzofuran	132-64-9	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Diethyl phthalate	84-66-2	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Dimethyl phthalate	131-11-3	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Fluoranthene	206-44-0	39.1	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Fluorene	86-73-7	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Hexachlorobenzene	118-74-1	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Hexachlorobutadiene	87-68-3	56.5	U		44.7	330	56.5	ug/Kg	55775	01/28/2011 16:58	1	GEF
Hexachlorocyclopentadiene	77-47-4	63.2	U		50.0	330	63.2	ug/Kg	55775	01/28/2011 16:58	1	GEF
Hexachloroethane	67-72-1	63.4	U		50.1	330	63.4	ug/Kg	55775	01/28/2011 16:58	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Isophorone	78-59-1	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
N-Nitrosodiphenylamine	86-30-6	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Naphthalene	91-20-3	52.7	U		41.7	330	52.7	ug/Kg	55775	01/28/2011 16:58	1	GEF
Nitrobenzene	98-95-3	46.0	U		36.4	330	46.0	ug/Kg	55775	01/28/2011 16:58	1	GEF
Pentachlorophenol	87-86-5	126	U		100	330	126	ug/Kg	55775	01/28/2011 16:58	1	GEF
Phenanthrene	85-01-8	24.8	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Phenol	108-95-2	21.1	U		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF
Pyrene	129-00-0	32.4	J		16.7	330	21.1	ug/Kg	55775	01/28/2011 16:58	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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FEB 25 11

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5840	6320	92	65-120		SVGCMS#3	55725	01/28/2011 16:58	1	GEF
2-Fluorobiphenyl	321-60-8		3340	4220	79	64-120		SVGCMS#3	55725	01/28/2011 16:58	1	GEF
2-Fluorophenol	367-12-4		4240	6320	67	53-120		SVGCMS#3	55725	01/28/2011 16:58	1	GEF
Nitrobenzene-d5	4165-60-0		3020	4220	72	55-120		SVGCMS#3	55725	01/28/2011 16:58	1	GEF
Phenol-d5	4165-62-2		4710	6320	75	59-120		SVGCMS#3	55725	01/28/2011 16:58	1	GEF
Terphenyl-d14	1718-51-0		3390	4220	80	67-120		SVGCMS#3	55725	01/28/2011 16:58	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB16-2-3

Lab Sample ID: 560-24119-40
Client Matrix: Solid

Date Sampled: 01/20/2011 15:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.7	U		10.0	50.0	12.7	mg/Kg	55688	01/26/2011 16:50	1	SG
C6-C35	STL00006	12.7	U		10.0	50.0	12.7	mg/Kg	55688	01/26/2011 16:50	1	SG
Over C12-C28	STL00035	12.7	U		10.0	50.0	12.7	mg/Kg	55688	01/26/2011 16:50	1	SG
Over C28-C35	STL00147	12.7	U		10.0	50.0	12.7	mg/Kg	55688	01/26/2011 16:50	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		344	317	108	70-130		SVGC#4	55671	01/26/2011 16:50	1	SG
o-Terphenyl	84-15-1		378	317	119	70-130		SVGC#4	55671	01/26/2011 16:50	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-E

Lab Sample ID: 560-24119-41 TB
Client Matrix: Water

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 5030B,Water												
Purge and Trap		Complete								01/25/2011 20:53		
Method: SW846 8260B,Water												
1,1,1-Trichloroethane	71-55-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.278	U		0.278	1.00	0.278	ug/L	55630	01/25/2011 20:53	1	SG
1,1,2-Trichloroethane	79-00-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,1-Dichloroethane	75-34-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,1-Dichloroethene	75-35-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,1-Dichloropropene	563-58-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.217	U		0.217	5.00	0.217	ug/L	55630	01/25/2011 20:53	1	SG
1,2,3-Trichloropropane	96-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,2-Dichloroethane	107-06-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,2-Dichloropropane	78-87-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,3-Dichloropropane	142-28-9	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
1,4-Dioxane	123-91-1	7.46	U		7.46	100	7.46	ug/L	55630	01/25/2011 20:53	1	SG
2,2-Dichloropropane	594-20-7	0.335	U		0.335	1.00	0.335	ug/L	55630	01/25/2011 20:53	1	SG
2-Butanone (MEK)	78-93-3	0.474	U		0.474	5.00	0.474	ug/L	55630	01/25/2011 20:53	1	SG
2-Hexanone	591-78-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
2-Nitropropane	79-46-9	0.225	U		0.225	5.00	0.225	ug/L	55630	01/25/2011 20:53	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Acetone	67-64-1	5.00	U		5.00	10.0	5.00	ug/L	55630	01/25/2011 20:53	1	SG
Acetonitrile	75-05-8	2.16	U		2.16	50.0	2.16	ug/L	55630	01/25/2011 20:53	1	SG
Benzene	71-43-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Bromoform	75-25-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Bromomethane	74-83-9	0.392	U		0.392	5.00	0.392	ug/L	55630	01/25/2011 20:53	1	SG
Carbon disulfide	75-15-0	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Carbon tetrachloride	56-23-5	0.251	U		0.251	1.00	0.251	ug/L	55630	01/25/2011 20:53	1	SG
Chlorobenzene	108-90-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Chlorodibromomethane	124-48-1	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 20:53	1	SG
Chloroethane	75-00-3	0.400	U		0.400	5.00	0.400	ug/L	55630	01/25/2011 20:53	1	SG

FEB 15 11 G. Chatfield

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: Trip Blank 011311-E

Lab Sample ID: 560-24119-41 TB
Client Matrix: Water

Date Sampled: 01/21/2011 00:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Chloroform	67-66-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Chloromethane	74-87-3	0.390	U		0.390	5.00	0.390	ug/L	55630	01/25/2011 20:53	1	SG
cis-1,2-Dichloroethene	156-59-2	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Dibromomethane	74-95-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Dichlorobromomethane	75-27-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Dichlorodifluoromethane	75-71-8	0.429	U		0.429	5.00	0.429	ug/L	55630	01/25/2011 20:53	1	SG
Ethyl acetate	141-78-6	0.300	U		0.300	5.00	0.300	ug/L	55630	01/25/2011 20:53	1	SG
Ethyl ether	60-29-7	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Ethyl methacrylate	97-63-2	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Ethylbenzene	100-41-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Ethylene Dibromide	106-93-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Iodomethane	74-88-4	0.223	U		0.223	1.00	0.223	ug/L	55630	01/25/2011 20:53	1	SG
Methyl methacrylate	80-62-6	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Methyl tert-butyl ether	1634-04-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Methylene Chloride	75-09-2	1.20	U		1.20	5.00	1.20	ug/L	55630	01/25/2011 20:53	1	SG
Styrene	100-42-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Tetrachloroethene	127-18-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Toluene	108-88-3	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
trans-1,2-Dichloroethene	156-60-5	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Trichloroethene	79-01-6	0.317	U		0.317	1.00	0.317	ug/L	55630	01/25/2011 20:53	1	SG
Trichlorofluoromethane	75-69-4	0.244	U		0.244	1.00	0.244	ug/L	55630	01/25/2011 20:53	1	SG
Vinyl acetate	108-05-4	0.200	U		0.200	5.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Vinyl chloride	75-01-4	0.200	U		0.200	1.00	0.200	ug/L	55630	01/25/2011 20:53	1	SG
Xylenes, Total	1330-20-7	0.226	U		0.226	3.00	0.226	ug/L	55630	01/25/2011 20:53	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0	TB	51.0	50.0	102	75-123		VGCMS#1		01/25/2011 20:53	1	SG
4-Bromofluorobenzene (Surr)	460-00-4	TB	51.4	50.0	103	80-120		VGCMS#1		01/25/2011 20:53	1	SG
Dibromofluoromethane (Surr)	1868-53-7	TB	51.3	50.0	103	75-126		VGCMS#1		01/25/2011 20:53	1	SG
Toluene-d8 (Surr)	2037-26-5	TB	48.4	50.0	97	80-120		VGCMS#1		01/25/2011 20:53	1	SG

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-0-0.5

Lab Sample ID: 560-24119-42
Client Matrix: Solid

Date Sampled: 01/21/2011 09:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55617	01/24/2011 16:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55726	01/27/2011 08:06		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55863	01/31/2011 08:02		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55606	01/25/2011 08:21		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	10			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.71			0.0499	0.250	0.0505	mg/Kg	55875	01/31/2011 19:21	1	EDR
Barium	7440-39-3	25.8			0.109	0.250	0.110	mg/Kg	55875	01/31/2011 19:21	1	EDR
Cadmium	7440-43-9	0.180	J		0.0721	0.250	0.0729	mg/Kg	55875	01/31/2011 19:21	1	EDR
Chromium	7440-47-3	3.70			0.112	0.250	0.113	mg/Kg	55875	01/31/2011 19:21	1	EDR
Lead	7439-92-1	11.4	J		0.205	0.500	0.207	mg/Kg	55875	01/31/2011 19:21	1	EDR
Selenium	7782-49-2	0.208	~~J~~ U	b	0.0435	0.250	0.0440	mg/Kg	55875	01/31/2011 19:21	1	EDR
Silver	7440-22-4	0.0694	U		0.0686	0.250	0.0694	mg/Kg	55875	01/31/2011 19:21	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0128	~~U~~ UJ		0.0180	0.200	0.0128	mg/Kg	55715	01/26/2011 14:59	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.586	U		0.700	5.00	0.586	ug/Kg	55851	01/31/2011 15:55	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.318	U		0.380	5.00	0.318	ug/Kg	55851	01/31/2011 15:55	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.561	U		0.670	5.00	0.561	ug/Kg	55851	01/31/2011 15:55	1	SG
1,1,2-Trichloroethane	79-00-5	0.418	U		0.500	5.00	0.418	ug/Kg	55851	01/31/2011 15:55	1	SG
1,1-Dichloroethane	75-34-3	0.494	U		0.590	5.00	0.494	ug/Kg	55851	01/31/2011 15:55	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-0-0.5

Lab Sample ID: 560-24119-42
Client Matrix: Solid

Date Sampled: 01/21/2011 09:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	9.77			0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
1,1-Dichloropropene	563-58-6	0.435	U		0.520	5.00	0.435	ug/Kg	55851	01/31/2011 15:55	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.368	U		0.440	5.00	0.368	ug/Kg	55851	01/31/2011 15:55	1	SG
1,2,3-Trichloropropane	96-18-4	0.636	U		0.760	5.00	0.636	ug/Kg	55851	01/31/2011 15:55	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.518	J		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
1,2-Dichloroethane	107-06-2	0.435	U		0.520	5.00	0.435	ug/Kg	55851	01/31/2011 15:55	1	SG
1,2-Dichloropropane	78-87-5	0.167	U		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.176	U		0.210	5.00	0.176	ug/Kg	55851	01/31/2011 15:55	1	SG
1,3-Dichloropropane	142-28-9	0.201	U		0.240	5.00	0.201	ug/Kg	55851	01/31/2011 15:55	1	SG
1,4-Dioxane	123-91-1	33.5	U		40.0	100	33.5	ug/Kg	55851	01/31/2011 15:55	1	SG
2,2-Dichloropropane	594-20-7	0.703	U		0.840	5.00	0.703	ug/Kg	55851	01/31/2011 15:55	1	SG
2-Butanone (MEK)	78-93-3	0.837	U		1.00	5.00	0.837	ug/Kg	55851	01/31/2011 15:55	1	SG
2-Hexanone	591-78-6	1.00	U		1.20	5.00	1.00	ug/Kg	55851	01/31/2011 15:55	1	SG
2-Nitropropane	79-46-9	0.435	U		0.520	5.00	0.435	ug/Kg	55851	01/31/2011 15:55	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.778	U		0.930	5.00	0.778	ug/Kg	55851	01/31/2011 15:55	1	SG
Acetone	67-64-1	6.03	U		7.20	25.0	6.03	ug/Kg	55851	01/31/2011 15:55	1	SG
Acetonitrile	75-05-8	31.0	U		37.0	50.0	31.0	ug/Kg	55851	01/31/2011 15:55	1	SG
Benzene	71-43-2	0.291	J		0.230	5.00	0.192	ug/Kg	55851	01/31/2011 15:55	1	SG
Bromoform	75-25-2	0.427	U		0.510	5.00	0.427	ug/Kg	55851	01/31/2011 15:55	1	SG
Bromomethane	74-83-9	0.921	U		1.10	5.00	0.921	ug/Kg	55851	01/31/2011 15:55	1	SG
Carbon disulfide	75-15-0	0.611	U		0.730	5.00	0.611	ug/Kg	55851	01/31/2011 15:55	1	SG
Carbon tetrachloride	56-23-5	0.427	U		0.510	5.00	0.427	ug/Kg	55851	01/31/2011 15:55	1	SG
Chlorobenzene	108-90-7	0.192	U		0.230	5.00	0.192	ug/Kg	55851	01/31/2011 15:55	1	SG
Chlorodibromomethane	124-48-1	0.536	U		0.640	5.00	0.536	ug/Kg	55851	01/31/2011 15:55	1	SG
Chloroethane	75-00-3	0.218	U		0.260	5.00	0.218	ug/Kg	55851	01/31/2011 15:55	1	SG
Chloroform	67-66-3	0.728	U		0.870	5.00	0.728	ug/Kg	55851	01/31/2011 15:55	1	SG
Chloromethane	74-87-3	1.00	U		1.20	5.00	1.00	ug/Kg	55851	01/31/2011 15:55	1	SG
cis-1,2-Dichloroethene	156-59-2	0.477	U		0.570	5.00	0.477	ug/Kg	55851	01/31/2011 15:55	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.167	U		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
Dibromomethane	74-95-3	0.594	U		0.710	5.00	0.594	ug/Kg	55851	01/31/2011 15:55	1	SG
Dichlorobromomethane	75-27-4	0.167	U		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
Dichlorodifluoromethane	75-71-8	0.611	U		0.730	5.00	0.611	ug/Kg	55851	01/31/2011 15:55	1	SG
Ethyl acetate	141-78-6	1.00	U		1.20	5.00	1.00	ug/Kg	55851	01/31/2011 15:55	1	SG
Ethyl ether	60-29-7	0.167	U		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
Ethyl methacrylate	97-63-2	0.427	U		0.510	5.00	0.427	ug/Kg	55851	01/31/2011 15:55	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-0-0.5

Lab Sample ID: 560-24119-42
Client Matrix: Solid

Date Sampled: 01/21/2011 09:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.184	U		0.220	5.00	0.184	ug/Kg	55851	01/31/2011 15:55	1	SG
Ethylene Dibromide	106-93-4	0.167	U		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
Iodomethane	74-88-4	0.670	U		0.800	5.00	0.670	ug/Kg	55851	01/31/2011 15:55	1	SG
Methyl methacrylate	80-62-6	0.921	U		1.10	5.00	0.921	ug/Kg	55851	01/31/2011 15:55	1	SG
Methyl tert-butyl ether	1634-04-4	0.511	U		0.610	5.00	0.511	ug/Kg	55851	01/31/2011 15:55	1	SG
Methylene Chloride	75-09-2	4.52	J		5.00	25.0	4.18	ug/Kg	55851	01/31/2011 15:55	1	SG
Styrene	100-42-5	0.167	U		0.200	5.00	0.167	ug/Kg	55851	01/31/2011 15:55	1	SG
Tetrachloroethene	127-18-4	0.619	U		0.740	5.00	0.619	ug/Kg	55851	01/31/2011 15:55	1	SG
Toluene	108-88-3	1.04	J		0.560	5.00	0.469	ug/Kg	55851	01/31/2011 15:55	1	SG
trans-1,2-Dichloroethene	156-60-5	0.418	U		0.500	5.00	0.418	ug/Kg	55851	01/31/2011 15:55	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.435	~~U~~ UJL	*	0.520	5.00	0.435	ug/Kg	55851	01/31/2011 15:55	1	SG
Trichloroethene	79-01-6	0.234	U		0.280	5.00	0.234	ug/Kg	55851	01/31/2011 15:55	1	SG
Trichlorofluoromethane	75-69-4	0.418	U		0.500	5.00	0.418	ug/Kg	55851	01/31/2011 15:55	1	SG
Vinyl acetate	108-05-4	0.921	U		1.10	5.00	0.921	ug/Kg	55851	01/31/2011 15:55	1	SG
Vinyl chloride	75-01-4	0.502	U		0.600	5.00	0.502	ug/Kg	55851	01/31/2011 15:55	1	SG
Xylenes, Total	1330-20-7	0.735	J		0.360	15.0	0.301	ug/Kg	55851	01/31/2011 15:55	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		45.8	41.8	109	69-136		VGCMS#4	55863	01/31/2011 15:55	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		35.4	41.8	85	56-129		VGCMS#4	55863	01/31/2011 15:55	1	SG
Dibromofluoromethane (Surr)	1868-53-7		43.5	41.8	104	63-135		VGCMS#4	55863	01/31/2011 15:55	1	SG
Toluene-d8 (Surr)	2037-26-5		38.6	41.8	92	66-124		VGCMS#4	55863	01/31/2011 15:55	1	SG

S. Chaffe
FEB 25 11
Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-0-0.5

Lab Sample ID: 560-24119-42
Client Matrix: Solid

Date Sampled: 01/21/2011 09:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	51.0	U		45.7	330	51.0	ug/Kg	55757	01/27/2011 17:48	1	GEF
1,2-Dichlorobenzene	95-50-1	58.2	U		52.1	330	58.2	ug/Kg	55757	01/27/2011 17:48	1	GEF
1,3-Dichlorobenzene	541-73-1	48.9	U		43.8	330	48.9	ug/Kg	55757	01/27/2011 17:48	1	GEF
1,4-Dichlorobenzene	106-46-7	51.1	U		45.8	330	51.1	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,4-Dichlorophenol	120-83-2	25.5	U		22.8	330	25.5	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,4-Dimethylphenol	105-67-9	22.8	U		20.4	330	22.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,4-Dinitrophenol	51-28-5	112	U		100	330	112	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,4-Dinitrotoluene	121-14-2	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
2,6-Dinitrotoluene	606-20-2	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
2-Chloronaphthalene	91-58-7	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
2-Chlorophenol	95-57-8	31.0	U		27.8	330	31.0	ug/Kg	55757	01/27/2011 17:48	1	GEF
2-Methylnaphthalene	91-57-6	34.7	U		31.1	330	34.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
2-Methylphenol	95-48-7	36.9	U		33.0	330	36.9	ug/Kg	55757	01/27/2011 17:48	1	GEF
2-Nitroaniline	88-74-4	24.8	U		22.2	330	24.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
2-Nitrophenol	88-75-5	19.0	U		17.0	330	19.0	ug/Kg	55757	01/27/2011 17:48	1	GEF
3 & 4 Methylphenol	15831-10-4	55.8	U		50.0	670	55.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
3,3'-Dichlorobenzidine	91-94-1	187	U		167	330	187	ug/Kg	55757	01/27/2011 17:48	1	GEF
3-Nitroaniline	99-09-2	112	U		100	330	112	ug/Kg	55757	01/27/2011 17:48	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
4-Chloroaniline	106-47-8	112	U		100	330	112	ug/Kg	55757	01/27/2011 17:48	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
4-Nitroaniline	100-01-6	112	U		100	330	112	ug/Kg	55757	01/27/2011 17:48	1	GEF
4-Nitrophenol	100-02-7	112	U		100	330	112	ug/Kg	55757	01/27/2011 17:48	1	GEF
Acenaphthene	83-32-9	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Acenaphthylene	208-96-8	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Anthracene	120-12-7	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Benzo[a]anthracene	56-55-3	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Benzo[a]pyrene	50-32-8	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Benzo[b]fluoranthene	205-99-2	20.6	J		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF

FEB 5 11
Chain-of-Custody

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-0-0.5

Lab Sample ID: 560-24119-42
Client Matrix: Solid

Date Sampled: 01/21/2011 09:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Benzo[k]fluoranthene	207-08-9	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Benzyl alcohol	100-51-6	27.4	U		24.5	330	27.4	ug/Kg	55757	01/27/2011 17:48	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.8	U		37.4	330	41.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	94.3	~~J~~ U	b	16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Butyl benzyl phthalate	85-68-7	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Chrysene	218-01-9	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Di-n-butyl phthalate	84-74-2	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Di-n-octyl phthalate	117-84-0	20.9	U		18.7	330	20.9	ug/Kg	55757	01/27/2011 17:48	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Dibenzofuran	132-64-9	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Diethyl phthalate	84-66-2	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Dimethyl phthalate	131-11-3	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Fluoranthene	206-44-0	21.0	J		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Fluorene	86-73-7	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Hexachlorobenzene	118-74-1	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Hexachlorobutadiene	87-68-3	49.9	U		44.7	330	49.9	ug/Kg	55757	01/27/2011 17:48	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.8	U		50.0	330	55.8	ug/Kg	55757	01/27/2011 17:48	1	GEF
Hexachloroethane	67-72-1	56.0	U		50.1	330	56.0	ug/Kg	55757	01/27/2011 17:48	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Isophorone	78-59-1	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Naphthalene	91-20-3	46.6	U		41.7	330	46.6	ug/Kg	55757	01/27/2011 17:48	1	GEF
Nitrobenzene	98-95-3	40.7	U		36.4	330	40.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Pentachlorophenol	87-86-5	112	U		100	330	112	ug/Kg	55757	01/27/2011 17:48	1	GEF
Phenanthrene	85-01-8	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Phenol	108-95-2	18.7	U		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF
Pyrene	129-00-0	19.0	J		16.7	330	18.7	ug/Kg	55757	01/27/2011 17:48	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Quality Control

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5390	5580	97	65-120		SVGCMS#3	55726	01/27/2011 17:48	1	GEF
2-Fluorobiphenyl	321-60-8		3030	3720	81	64-120		SVGCMS#3	55726	01/27/2011 17:48	1	GEF
2-Fluorophenol	367-12-4		4030	5580	72	53-120		SVGCMS#3	55726	01/27/2011 17:48	1	GEF
Nitrobenzene-d5	4165-60-0		2800	3720	75	55-120		SVGCMS#3	55726	01/27/2011 17:48	1	GEF
Phenol-d5	4165-62-2		4320	5580	77	59-120		SVGCMS#3	55726	01/27/2011 17:48	1	GEF
Terphenyl-d14	1718-51-0		3160	3720	85	67-120		SVGCMS#3	55726	01/27/2011 17:48	1	GEF

S. Chaile

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Form

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-0-0.5

Lab Sample ID: 560-24119-42
Client Matrix: Solid

Date Sampled: 01/21/2011 09:20
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	7.67			0.100	0.100	0.100	SU	55659	01/25/2011 15:30	1	LO
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.2	U		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 12:50	1	SG
C6-C35	STL00006	12.5	J		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 12:50	1	SG
Over C12-C28	STL00035	12.5	J		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 12:50	1	SG
Over C28-C35	STL00147	11.2	U		10.0	50.0	11.2	mg/Kg	55628	01/25/2011 12:50	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		313	279	112	70-130		SVGC#4	55606	01/25/2011 12:50	1	SG
o-Terphenyl	84-15-1		339	279	121	70-130		SVGC#4	55606	01/25/2011 12:50	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-2-3

Lab Sample ID: 560-24119-43
Client Matrix: Solid

Date Sampled: 01/21/2011 09:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	16			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.99		b	0.0499	0.250	0.0523	mg/Kg	55875	02/01/2011 03:42	1	EDR
Barium	7440-39-3	30.2			0.109	0.250	0.114	mg/Kg	55875	02/01/2011 03:42	1	EDR
Cadmium	7440-43-9	0.0755	U		0.0721	0.250	0.0755	mg/Kg	55875	02/01/2011 03:42	1	EDR
Chromium	7440-47-3	4.15			0.112	0.250	0.117	mg/Kg	55875	02/01/2011 03:42	1	EDR
Lead	7439-92-1	5.06			0.205	0.500	0.215	mg/Kg	55875	02/01/2011 03:42	1	EDR
Selenium	7782-49-2	0.278	J	b	0.0435	0.250	0.0456	mg/Kg	55875	02/01/2011 03:42	1	EDR
Silver	7440-22-4	0.0718	U		0.0686	0.250	0.0718	mg/Kg	55875	02/01/2011 03:42	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0118	U		0.0180	0.200	0.0118	mg/Kg	55715	01/26/2011 15:06	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.748	U		0.700	5.00	0.748	ug/Kg	55984	02/03/2011 20:28	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.406	U		0.380	5.00	0.406	ug/Kg	55984	02/03/2011 20:28	1	SG
1,2,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.716	U		0.670	5.00	0.716	ug/Kg	55984	02/03/2011 20:28	1	SG
1,1,2-Trichloroethane	79-00-5	0.534	U		0.500	5.00	0.534	ug/Kg	55984	02/03/2011 20:28	1	SG
1,1-Dichloroethane	75-34-3	0.631	U		0.590	5.00	0.631	ug/Kg	55984	02/03/2011 20:28	1	SG

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-2-3

Lab Sample ID: 560-24119-43
Client Matrix: Solid

Date Sampled: 01/21/2011 09:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.667	J		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
1,1-Dichloropropene	563-58-6	0.556	U		0.520	5.00	0.556	ug/Kg	55984	02/03/2011 20:28	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.470	U		0.440	5.00	0.470	ug/Kg	55984	02/03/2011 20:28	1	SG
1,2,3-Trichloropropane	96-18-4	0.812	U		0.760	5.00	0.812	ug/Kg	55984	02/03/2011 20:28	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
1,2-Dichloroethane	107-06-2	0.556	U		0.520	5.00	0.556	ug/Kg	55984	02/03/2011 20:28	1	SG
1,2-Dichloropropane	78-87-5	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.224	U		0.210	5.00	0.224	ug/Kg	55984	02/03/2011 20:28	1	SG
1,3-Dichloropropane	142-28-9	0.257	U		0.240	5.00	0.257	ug/Kg	55984	02/03/2011 20:28	1	SG
1,4-Dioxane	123-91-1	42.8	U		40.0	100	42.8	ug/Kg	55984	02/03/2011 20:28	1	SG
2,2-Dichloropropane	594-20-7	0.898	U		0.840	5.00	0.898	ug/Kg	55984	02/03/2011 20:28	1	SG
2-Butanone (MEK)	78-93-3	1.07	U		1.00	5.00	1.07	ug/Kg	55984	02/03/2011 20:28	1	SG
2-Hexanone	591-78-6	1.28	U	*	1.20	5.00	1.28	ug/Kg	55984	02/03/2011 20:28	1	SG
2-Nitropropane	79-46-9	0.556	U	*	0.520	5.00	0.556	ug/Kg	55984	02/03/2011 20:28	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	0.994	U	*	0.930	5.00	0.994	ug/Kg	55984	02/03/2011 20:28	1	SG
Acetone	67-64-1	7.70	U		7.20	25.0	7.70	ug/Kg	55984	02/03/2011 20:28	1	SG
Acetonitrile	75-05-8	39.5	U		37.0	50.0	39.5	ug/Kg	55984	02/03/2011 20:28	1	SG
Benzene	71-43-2	0.246	U		0.230	5.00	0.246	ug/Kg	55984	02/03/2011 20:28	1	SG
Bromoform	75-25-2	0.545	U		0.510	5.00	0.545	ug/Kg	55984	02/03/2011 20:28	1	SG
Bromomethane	74-83-9	1.18	U		1.10	5.00	1.18	ug/Kg	55984	02/03/2011 20:28	1	SG
Carbon disulfide	75-15-0	0.780	U		0.730	5.00	0.780	ug/Kg	55984	02/03/2011 20:28	1	SG
Carbon tetrachloride	56-23-5	0.545	U		0.510	5.00	0.545	ug/Kg	55984	02/03/2011 20:28	1	SG
Chlorobenzene	108-90-7	0.246	U		0.230	5.00	0.246	ug/Kg	55984	02/03/2011 20:28	1	SG
Chlorodibromomethane	124-48-1	0.684	U		0.640	5.00	0.684	ug/Kg	55984	02/03/2011 20:28	1	SG
Chloroethane	75-00-3	0.278	U		0.260	5.00	0.278	ug/Kg	55984	02/03/2011 20:28	1	SG
Chloroform	67-66-3	0.930	U		0.870	5.00	0.930	ug/Kg	55984	02/03/2011 20:28	1	SG
Chloromethane	74-87-3	1.28	U		1.20	5.00	1.28	ug/Kg	55984	02/03/2011 20:28	1	SG
cis-1,2-Dichloroethene	156-59-2	0.609	U		0.570	5.00	0.609	ug/Kg	55984	02/03/2011 20:28	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
Dibromomethane	74-95-3	0.759	U		0.710	5.00	0.759	ug/Kg	55984	02/03/2011 20:28	1	SG
Dichlorobromomethane	75-27-4	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
Dichlorodifluoromethane	75-71-8	0.780	U		0.730	5.00	0.780	ug/Kg	55984	02/03/2011 20:28	1	SG
Ethyl acetate	141-78-6	1.28	U		1.20	5.00	1.28	ug/Kg	55984	02/03/2011 20:28	1	SG
Ethyl ether	60-29-7	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
Ethyl methacrylate	97-63-2	0.545	U		0.510	5.00	0.545	ug/Kg	55984	02/03/2011 20:28	1	SG

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-2-3

Lab Sample ID: 560-24119-43
Client Matrix: Solid

Date Sampled: 01/21/2011 09:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.235	U		0.220	5.00	0.235	ug/Kg	55984	02/03/2011 20:28	1	SG
Ethylene Dibromide	106-93-4	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
Iodomethane	74-88-4	0.855	U		0.800	5.00	0.855	ug/Kg	55984	02/03/2011 20:28	1	SG
Methyl methacrylate	80-62-6	1.18	U		1.10	5.00	1.18	ug/Kg	55984	02/03/2011 20:28	1	SG
Methyl tert-butyl ether	1634-04-4	0.652	U		0.610	5.00	0.652	ug/Kg	55984	02/03/2011 20:28	1	SG
Methylene Chloride	75-09-2	5.34	U		5.00	25.0	5.34	ug/Kg	55984	02/03/2011 20:28	1	SG
Styrene	100-42-5	0.214	U		0.200	5.00	0.214	ug/Kg	55984	02/03/2011 20:28	1	SG
Tetrachloroethene	127-18-4	0.791	U		0.740	5.00	0.791	ug/Kg	55984	02/03/2011 20:28	1	SG
Toluene	108-88-3	0.599	U		0.560	5.00	0.599	ug/Kg	55984	02/03/2011 20:28	1	SG
trans-1,2-Dichloroethene	156-60-5	0.534	U		0.500	5.00	0.534	ug/Kg	55984	02/03/2011 20:28	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.556	U		0.520	5.00	0.556	ug/Kg	55984	02/03/2011 20:28	1	SG
Trichloroethene	79-01-6	0.299	U		0.280	5.00	0.299	ug/Kg	55984	02/03/2011 20:28	1	SG
Trichlorofluoromethane	75-69-4	0.534	U		0.500	5.00	0.534	ug/Kg	55984	02/03/2011 20:28	1	SG
Vinyl acetate	108-05-4	1.18	U		1.10	5.00	1.18	ug/Kg	55984	02/03/2011 20:28	1	SG
Vinyl chloride	75-01-4	0.641	U		0.600	5.00	0.641	ug/Kg	55984	02/03/2011 20:28	1	SG
Xylenes, Total	1330-20-7	0.385	U		0.360	15.0	0.385	ug/Kg	55984	02/03/2011 20:28	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		64.5	53.4	121	69-136		VGCMS#3	55995	02/03/2011 20:28	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		50.1	53.4	94	56-129		VGCMS#3	55995	02/03/2011 20:28	1	SG
Dibromofluoromethane (Surr)	1868-53-7		63.0	53.4	118	63-135		VGCMS#3	55995	02/03/2011 20:28	1	SG
Toluene-d8 (Surr)	2037-26-5		55.0	53.4	103	66-124		VGCMS#3	55995	02/03/2011 20:28	1	SG

S. Charfe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-2-3

Lab Sample ID: 560-24119-43
Client Matrix: Solid

Date Sampled: 01/21/2011 09:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	54.1	U		45.7	330	54.1	ug/Kg	55775	01/28/2011 17:23	1	GEF
1,2-Dichlorobenzene	95-50-1	61.7	U		52.1	330	61.7	ug/Kg	55775	01/28/2011 17:23	1	GEF
1,3-Dichlorobenzene	541-73-1	51.9	U		43.8	330	51.9	ug/Kg	55775	01/28/2011 17:23	1	GEF
1,4-Dichlorobenzene	106-46-7	54.3	U		45.8	330	54.3	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,4,5-Trichlorophenol	95-95-4	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,4,6-Trichlorophenol	88-06-2	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,4-Dichlorophenol	120-83-2	27.0	U		22.8	330	27.0	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,4-Dimethylphenol	105-67-9	24.2	U		20.4	330	24.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,4-Dinitrophenol	51-28-5	118	U		100	330	118	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,4-Dinitrotoluene	121-14-2	59.2	U		50.0	330	59.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
2,6-Dinitrotoluene	606-20-2	59.2	U		50.0	330	59.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
2-Chloronaphthalene	91-58-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
2-Chlorophenol	95-57-8	32.9	U		27.8	330	32.9	ug/Kg	55775	01/28/2011 17:23	1	GEF
2-Methylnaphthalene	91-57-6	36.8	U		31.1	330	36.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
2-Methylphenol	95-48-7	39.1	U		33.0	330	39.1	ug/Kg	55775	01/28/2011 17:23	1	GEF
2-Nitroaniline	88-74-4	26.3	U		22.2	330	26.3	ug/Kg	55775	01/28/2011 17:23	1	GEF
2-Nitrophenol	88-75-5	20.1	U		17.0	330	20.1	ug/Kg	55775	01/28/2011 17:23	1	GEF
3 & 4 Methylphenol	15831-10-4	59.2	U		50.0	670	59.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
3,3'-Dichlorobenzidine	91-94-1	198	U		167	330	198	ug/Kg	55775	01/28/2011 17:23	1	GEF
3-Nitroaniline	99-09-2	118	U		100	330	118	ug/Kg	55775	01/28/2011 17:23	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	59.2	U		50.0	330	59.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
4-Bromophenyl phenyl ether	101-55-3	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
4-Chloro-3-methylphenol	59-50-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
4-Chloroaniline	106-47-8	118	U		100	330	118	ug/Kg	55775	01/28/2011 17:23	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
4-Nitroaniline	100-01-6	118	U		100	330	118	ug/Kg	55775	01/28/2011 17:23	1	GEF
4-Nitrophenol	100-02-7	118	U		100	330	118	ug/Kg	55775	01/28/2011 17:23	1	GEF
Acenaphthene	83-32-9	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Acenaphthylene	208-96-8	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Anthracene	120-12-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Benzo[a]anthracene	56-55-3	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Benzo[a]pyrene	50-32-8	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Benzo[b]fluoranthene	205-99-2	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-2-3

Lab Sample ID: 560-24119-43
Client Matrix: Solid

Date Sampled: 01/21/2011 09:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Benzo[k]fluoranthene	207-08-9	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Benzyl alcohol	100-51-6	29.0	U		24.5	330	29.0	ug/Kg	55775	01/28/2011 17:23	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Bis(2-chloroethyl)ether	111-44-4	44.3	U		37.4	330	44.3	ug/Kg	55775	01/28/2011 17:23	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Butyl benzyl phthalate	85-68-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Chrysene	218-01-9	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Di-n-butyl phthalate	84-74-2	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Di-n-octyl phthalate	117-84-0	22.2	U		18.7	330	22.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
Dibenz(a,h)anthracene	53-70-3	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Dibenzofuran	132-64-9	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Diethyl phthalate	84-66-2	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Dimethyl phthalate	131-11-3	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Fluoranthene	206-44-0	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Fluorene	86-73-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Hexachlorobenzene	118-74-1	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Hexachlorobutadiene	87-68-3	52.9	U		44.7	330	52.9	ug/Kg	55775	01/28/2011 17:23	1	GEF
Hexachlorocyclopentadiene	77-47-4	59.2	U		50.0	330	59.2	ug/Kg	55775	01/28/2011 17:23	1	GEF
Hexachloroethane	67-72-1	59.3	U		50.1	330	59.3	ug/Kg	55775	01/28/2011 17:23	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Isophorone	78-59-1	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
N-Nitrosodiphenylamine	86-30-6	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Naphthalene	91-20-3	49.4	U		41.7	330	49.4	ug/Kg	55775	01/28/2011 17:23	1	GEF
Nitrobenzene	98-95-3	43.1	U		36.4	330	43.1	ug/Kg	55775	01/28/2011 17:23	1	GEF
Pentachlorophenol	87-86-5	118	U		100	330	118	ug/Kg	55775	01/28/2011 17:23	1	GEF
Phenanthrene	85-01-8	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Phenol	108-95-2	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF
Pyrene	129-00-0	19.8	U		16.7	330	19.8	ug/Kg	55775	01/28/2011 17:23	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

SChaffe

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5490	5920	93	65-120		SVGCMS#3	55725	01/28/2011 17:23	1	GEF
2-Fluorobiphenyl	321-60-8		3020	3950	76	64-120		SVGCMS#3	55725	01/28/2011 17:23	1	GEF
2-Fluorophenol	367-12-4		4010	5920	68	53-120		SVGCMS#3	55725	01/28/2011 17:23	1	GEF
Nitrobenzene-d5	4165-60-0		2850	3950	72	55-120		SVGCMS#3	55725	01/28/2011 17:23	1	GEF
Phenol-d5	4165-62-2		4320	5920	73	59-120		SVGCMS#3	55725	01/28/2011 17:23	1	GEF
Terphenyl-d14	1718-51-0		3230	3950	82	67-120		SVGCMS#3	55725	01/28/2011 17:23	1	GEF

S. Chaffe
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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB9-2-3

Lab Sample ID: 560-24119-43
Client Matrix: Solid

Date Sampled: 01/21/2011 09:25
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.9	U		10.0	50.0	11.9	mg/Kg	55688	01/26/2011 17:00	1	SG
C6-C35	STL00006	11.9	U		10.0	50.0	11.9	mg/Kg	55688	01/26/2011 17:00	1	SG
Over C12-C28	STL00035	11.9	U		10.0	50.0	11.9	mg/Kg	55688	01/26/2011 17:00	1	SG
Over C28-C35	STL00147	11.9	U		10.0	50.0	11.9	mg/Kg	55688	01/26/2011 17:00	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		328	299	110	70-130		SVGC#4	55671	01/26/2011 17:00	1	SG
o-Terphenyl	84-15-1		356	299	119	70-130		SVGC#4	55671	01/26/2011 17:00	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-0-0.5

Lab Sample ID: 560-24119-44
Client Matrix: Solid

Date Sampled: 01/20/2011 16:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:06		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55995	02/03/2011 10:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	2.85	J	b	0.0499	0.250	0.0571	mg/Kg	55875	02/01/2011 03:47	1	EDR
Barium	7440-39-3	30.8			0.109	0.250	0.125	mg/Kg	55875	02/01/2011 03:47	1	EDR
Cadmium	7440-43-9	0.385			0.0721	0.250	0.0825	mg/Kg	55875	02/01/2011 03:47	1	EDR
Chromium	7440-47-3	5.74			0.112	0.250	0.128	mg/Kg	55875	02/01/2011 03:47	1	EDR
Lead	7439-92-1	25.0			0.205	0.500	0.235	mg/Kg	55875	02/01/2011 03:47	1	EDR
Selenium	7782-49-2	0.326	J	b	0.0435	0.250	0.0498	mg/Kg	55875	02/01/2011 03:47	1	EDR
Silver	7440-22-4	0.0785	U		0.0686	0.250	0.0785	mg/Kg	55875	02/01/2011 03:47	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0120	U		0.0180	0.200	0.0120	mg/Kg	55715	01/26/2011 15:08	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.942	U	UJ	0.700	5.00	0.942	ug/Kg	55984	02/03/2011 16:36	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.511	U		0.380	5.00	0.511	ug/Kg	55984	02/03/2011 16:36	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.901	U		0.670	5.00	0.901	ug/Kg	55984	02/03/2011 16:36	1	SG
1,1,2-Trichloroethane	79-00-5	0.673	U		0.500	5.00	0.673	ug/Kg	55984	02/03/2011 16:36	1	SG
1,1-Dichloroethane	75-34-3	0.794	U	UJ	0.590	5.00	0.794	ug/Kg	55984	02/03/2011 16:36	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-0-0.5

Lab Sample ID: 560-24119-44
Client Matrix: Solid

Date Sampled: 01/20/2011 16:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	2.17	J		0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
1,1-Dichloropropene	563-58-6	0.700	U	UJ	0.520	5.00	0.700	ug/Kg	55984	02/03/2011 16:36	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.592	U	UJ	0.440	5.00	0.592	ug/Kg	55984	02/03/2011 16:36	1	SG
1,2,3-Trichloropropane	96-18-4	1.02	U	UJ	0.760	5.00	1.02	ug/Kg	55984	02/03/2011 16:36	1	SG
1,2,4-Trimethylbenzene	95-63-6	1.69	J		0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
1,2-Dichloroethane	107-06-2	0.700	U	UJ	0.520	5.00	0.700	ug/Kg	55984	02/03/2011 16:36	1	SG
1,2-Dichloropropane	78-87-5	0.269	U	UJ	0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.554	J		0.210	5.00	0.283	ug/Kg	55984	02/03/2011 16:36	1	SG
1,3-Dichloropropane	142-28-9	0.323	U	UJ	0.240	5.00	0.323	ug/Kg	55984	02/03/2011 16:36	1	SG
1,4-Dioxane	123-91-1	53.8	U		40.0	100	53.8	ug/Kg	55984	02/03/2011 16:36	1	SG
2,2-Dichloropropane	594-20-7	1.13	U		0.840	5.00	1.13	ug/Kg	55984	02/03/2011 16:36	1	SG
2-Butanone (MEK)	78-93-3	1.35	U		1.00	5.00	1.35	ug/Kg	55984	02/03/2011 16:36	1	SG
2-Hexanone	591-78-6	1.61	U	*	1.20	5.00	1.61	ug/Kg	55984	02/03/2011 16:36	1	SG
2-Nitropropane	79-46-9	0.700	U	*	0.520	5.00	0.700	ug/Kg	55984	02/03/2011 16:36	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.25	U	UJ *	0.930	5.00	1.25	ug/Kg	55984	02/03/2011 16:36	1	SG
Acetone	67-64-1	15.8	J		7.20	25.0	9.69	ug/Kg	55984	02/03/2011 16:36	1	SG
Acetonitrile	75-05-8	49.8	U	UJ	37.0	50.0	49.8	ug/Kg	55984	02/03/2011 16:36	1	SG
Benzene	71-43-2	0.635	J		0.230	5.00	0.309	ug/Kg	55984	02/03/2011 16:36	1	SG
Bromoform	75-25-2	0.686	U	UJ	0.510	5.00	0.686	ug/Kg	55984	02/03/2011 16:36	1	SG
Bromomethane	74-83-9	1.48	U		1.10	5.00	1.48	ug/Kg	55984	02/03/2011 16:36	1	SG
Carbon disulfide	75-15-0	0.982	U		0.730	5.00	0.982	ug/Kg	55984	02/03/2011 16:36	1	SG
Carbon tetrachloride	56-23-5	0.686	U		0.510	5.00	0.686	ug/Kg	55984	02/03/2011 16:36	1	SG
Chlorobenzene	108-90-7	0.309	U		0.230	5.00	0.309	ug/Kg	55984	02/03/2011 16:36	1	SG
Chlorodibromomethane	124-48-1	0.861	U		0.640	5.00	0.861	ug/Kg	55984	02/03/2011 16:36	1	SG
Chloroethane	75-00-3	0.350	U		0.260	5.00	0.350	ug/Kg	55984	02/03/2011 16:36	1	SG
Chloroform	67-66-3	1.17	U		0.870	5.00	1.17	ug/Kg	55984	02/03/2011 16:36	1	SG
Chloromethane	74-87-3	1.61	U		1.20	5.00	1.61	ug/Kg	55984	02/03/2011 16:36	1	SG
cis-1,2-Dichloroethene	156-59-2	0.767	U		0.570	5.00	0.767	ug/Kg	55984	02/03/2011 16:36	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.269	U		0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
Dibromomethane	74-95-3	0.955	U		0.710	5.00	0.955	ug/Kg	55984	02/03/2011 16:36	1	SG
Dichlorobromomethane	75-27-4	0.269	U		0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
Dichlorodifluoromethane	75-71-8	0.982	U		0.730	5.00	0.982	ug/Kg	55984	02/03/2011 16:36	1	SG
Ethyl acetate	141-78-6	1.61	U		1.20	5.00	1.61	ug/Kg	55984	02/03/2011 16:36	1	SG
Ethyl ether	60-29-7	0.269	U		0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
Ethyl methacrylate	97-63-2	0.686	U	UJ	0.510	5.00	0.686	ug/Kg	55984	02/03/2011 16:36	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-0-0.5

Lab Sample ID: 560-24119-44
Client Matrix: Solid

Date Sampled: 01/20/2011 16:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.446	J		0.220	5.00	0.296	ug/Kg	55984	02/03/2011 16:36	1	SG
Ethylene Dibromide	106-93-4	0.269	U	UJ	0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
Iodomethane	74-88-4	1.08	U	↓	0.800	5.00	1.08	ug/Kg	55984	02/03/2011 16:36	1	SG
Methyl methacrylate	80-62-6	1.48	U	↓	1.10	5.00	1.48	ug/Kg	55984	02/03/2011 16:36	1	SG
Methyl tert-butyl ether	1634-04-4	0.821	U	UJ	0.610	5.00	0.821	ug/Kg	55984	02/03/2011 16:36	1	SG
Methylene Chloride	75-09-2	8.01	J		5.00	25.0	6.73	ug/Kg	55984	02/03/2011 16:36	1	SG
Styrene	100-42-5	0.269	U	UJ	0.200	5.00	0.269	ug/Kg	55984	02/03/2011 16:36	1	SG
Tetrachloroethene	127-18-4	0.995	U	UJ	0.740	5.00	0.995	ug/Kg	55984	02/03/2011 16:36	1	SG
Toluene	108-88-3	2.05	J		0.560	5.00	0.753	ug/Kg	55984	02/03/2011 16:36	1	SG
trans-1,2-Dichloroethene	156-60-5	0.673	U	UJ	0.500	5.00	0.673	ug/Kg	55984	02/03/2011 16:36	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.700	U	|	0.520	5.00	0.700	ug/Kg	55984	02/03/2011 16:36	1	SG
Trichloroethene	79-01-6	0.377	U	|	0.280	5.00	0.377	ug/Kg	55984	02/03/2011 16:36	1	SG
Trichlorofluoromethane	75-69-4	0.673	U	|	0.500	5.00	0.673	ug/Kg	55984	02/03/2011 16:36	1	SG
Vinyl acetate	108-05-4	1.48	U	↓	1.10	5.00	1.48	ug/Kg	55984	02/03/2011 16:36	1	SG
Vinyl chloride	75-01-4	0.807	U	UJ	0.600	5.00	0.807	ug/Kg	55984	02/03/2011 16:36	1	SG
Xylenes, Total	1330-20-7	1.64	J		0.360	15.0	0.484	ug/Kg	55984	02/03/2011 16:36	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		84.2	67.3	125	69-136		VGCMS#3	55995	02/03/2011 16:36	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		50.0	67.3	74	56-129		VGCMS#3	55995	02/03/2011 16:36	1	SG
Dibromofluoromethane (Surr)	1868-53-7		75.6	67.3	112	63-135		VGCMS#3	55995	02/03/2011 16:36	1	SG
Toluene-d8 (Surr)	2037-26-5		65.1	67.3	97	66-124		VGCMS#3	55995	02/03/2011 16:36	1	SG

S. Chaffe
FEB 25 11:
Form I

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-0-0.5

Lab Sample ID: 560-24119-44
Client Matrix: Solid

Date Sampled: 01/20/2011 16:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	54.9	U		45.7	330	54.9	ug/Kg	55775	01/28/2011 17:49	1	GEF
1,2-Dichlorobenzene	95-50-1	62.6	U		52.1	330	62.6	ug/Kg	55775	01/28/2011 17:49	1	GEF
1,3-Dichlorobenzene	541-73-1	52.6	U		43.8	330	52.6	ug/Kg	55775	01/28/2011 17:49	1	GEF
1,4-Dichlorobenzene	106-46-7	55.0	U		45.8	330	55.0	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,4,5-Trichlorophenol	95-95-4	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,4,6-Trichlorophenol	88-06-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,4-Dichlorophenol	120-83-2	27.4	U		22.8	330	27.4	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,4-Dimethylphenol	105-67-9	24.5	U		20.4	330	24.5	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,4-Dinitrophenol	51-28-5	120	U		100	330	120	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,4-Dinitrotoluene	121-14-2	60.1	U		50.0	330	60.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
2,6-Dinitrotoluene	606-20-2	60.1	U		50.0	330	60.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
2-Chloronaphthalene	91-58-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
2-Chlorophenol	95-57-8	33.4	U		27.8	330	33.4	ug/Kg	55775	01/28/2011 17:49	1	GEF
2-Methylnaphthalene	91-57-6	37.4	U		31.1	330	37.4	ug/Kg	55775	01/28/2011 17:49	1	GEF
2-Methylphenol	95-48-7	39.7	U		33.0	330	39.7	ug/Kg	55775	01/28/2011 17:49	1	GEF
2-Nitroaniline	88-74-4	26.7	U		22.2	330	26.7	ug/Kg	55775	01/28/2011 17:49	1	GEF
2-Nitrophenol	88-75-5	20.4	U		17.0	330	20.4	ug/Kg	55775	01/28/2011 17:49	1	GEF
3 & 4 Methylphenol	15831-10-4	60.1	U		50.0	670	60.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
3,3'-Dichlorobenzidine	91-94-1	201	U		167	330	201	ug/Kg	55775	01/28/2011 17:49	1	GEF
3-Nitroaniline	99-09-2	120	U		100	330	120	ug/Kg	55775	01/28/2011 17:49	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	60.1	U		50.0	330	60.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
4-Bromophenyl phenyl ether	101-55-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
4-Chloro-3-methylphenol	59-50-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
4-Chloroaniline	106-47-8	120	U		100	330	120	ug/Kg	55775	01/28/2011 17:49	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
4-Nitroaniline	100-01-6	120	U		100	330	120	ug/Kg	55775	01/28/2011 17:49	1	GEF
4-Nitrophenol	100-02-7	120	U		100	330	120	ug/Kg	55775	01/28/2011 17:49	1	GEF
Acenaphthene	83-32-9	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Acenaphthylene	208-96-8	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Anthracene	120-12-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Benzo[a]anthracene	56-55-3	24.9	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Benzo[a]pyrene	50-32-8	35.8	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Benzo[b]fluoranthene	205-99-2	50.6	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-0-0.5

Lab Sample ID: 560-24119-44
Client Matrix: Solid

Date Sampled: 01/20/2011 16:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	25.9	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Benzo[k]fluoranthene	207-08-9	20.9	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Benzyl alcohol	100-51-6	29.4	U		24.5	330	29.4	ug/Kg	55775	01/28/2011 17:49	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Bis(2-chloroethyl)ether	111-44-4	44.9	U		37.4	330	44.9	ug/Kg	55775	01/28/2011 17:49	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	41.0	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Butyl benzyl phthalate	85-68-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Chrysene	218-01-9	30.1	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Di-n-butyl phthalate	84-74-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Di-n-octyl phthalate	117-84-0	22.5	U		18.7	330	22.5	ug/Kg	55775	01/28/2011 17:49	1	GEF
Dibenz(a,h)anthracene	53-70-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Dibenzofuran	132-64-9	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Diethyl phthalate	84-66-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Dimethyl phthalate	131-11-3	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Fluoranthene	206-44-0	31.4	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Fluorene	86-73-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Hexachlorobenzene	118-74-1	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Hexachlorobutadiene	87-68-3	53.7	U		44.7	330	53.7	ug/Kg	55775	01/28/2011 17:49	1	GEF
Hexachlorocyclopentadiene	77-47-4	60.1	U		50.0	330	60.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Hexachloroethane	67-72-1	60.2	U		50.1	330	60.2	ug/Kg	55775	01/28/2011 17:49	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	23.7	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Isophorone	78-59-1	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
N-Nitrosodiphenylamine	86-30-6	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Naphthalene	91-20-3	50.1	U		41.7	330	50.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Nitrobenzene	98-95-3	43.7	U		36.4	330	43.7	ug/Kg	55775	01/28/2011 17:49	1	GEF
Pentachlorophenol	87-86-5	120	U		100	330	120	ug/Kg	55775	01/28/2011 17:49	1	GEF
Phenanthrene	85-01-8	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Phenol	108-95-2	20.1	U		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF
Pyrene	129-00-0	28.3	J		16.7	330	20.1	ug/Kg	55775	01/28/2011 17:49	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

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Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5470	6010	91	65-120		SVGCMS#3	55725	01/28/2011 17:49	1	GEF
2-Fluorobiphenyl	321-60-8		3150	4010	79	64-120		SVGCMS#3	55725	01/28/2011 17:49	1	GEF
2-Fluorophenol	367-12-4		4020	6010	67	53-120		SVGCMS#3	55725	01/28/2011 17:49	1	GEF
Nitrobenzene-d5	4165-60-0		2880	4010	72	55-120		SVGCMS#3	55725	01/28/2011 17:49	1	GEF
Phenol-d5	4165-62-2		4390	6010	73	59-120		SVGCMS#3	55725	01/28/2011 17:49	1	GEF
Terphenyl-d14	1718-51-0		3240	4010	81	67-120		SVGCMS#3	55725	01/28/2011 17:49	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-0-0.5

Lab Sample ID: 560-24119-44
Client Matrix: Solid

Date Sampled: 01/20/2011 16:00
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	12.0	U		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 17:09	1	SG
C6-C35	STL00006	12.0	U		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 17:09	1	SG
Over C12-C28	STL00035	12.0	U		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 17:09	1	SG
Over C28-C35	STL00147	12.0	U		10.0	50.0	12.0	mg/Kg	55688	01/26/2011 17:09	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		325	301	108	70-130		SVGC#4	55671	01/26/2011 17:09	1	SG
o-Terphenyl	84-15-1		355	301	118	70-130		SVGC#4	55671	01/26/2011 17:09	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-2-3

Lab Sample ID: 560-24119-45
Client Matrix: Solid

Date Sampled: 01/20/2011 16:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							55613	01/25/2011 09:00		RP
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							55725	01/27/2011 08:03		RA
Method: SW846 5035,Solid										Dry Weight Corrected?:		Y
Closed System Purge and Trap		Complete							55770	01/27/2011 08:16		SG
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							55716	01/26/2011 08:00		JEM
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							55671	01/26/2011 08:56		MD
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	8.9			0.010	0.010	0.010	%	55615	01/25/2011 09:35	1	SG
Method: SW846 6020,Solid										Dry Weight Corrected?:		Y
Arsenic	7440-38-2	1.85	JL	b	0.0499	0.250	0.0534	mg/Kg	55875	02/01/2011 01:13	1	EDR
Barium	7440-39-3	71.7			0.109	0.250	0.117	mg/Kg	55875	02/01/2011 01:13	1	EDR
Cadmium	7440-43-9	0.0772	U		0.0721	0.250	0.0772	mg/Kg	55875	02/01/2011 01:13	1	EDR
Chromium	7440-47-3	7.05			0.112	0.250	0.120	mg/Kg	55875	02/01/2011 01:13	1	EDR
Lead	7439-92-1	7.14			0.205	0.500	0.219	mg/Kg	55875	02/01/2011 01:13	1	EDR
Selenium	7782-49-2	0.256	~~J~~ U	b	0.0435	0.250	0.0466	mg/Kg	55875	02/01/2011 01:13	1	EDR
Silver	7440-22-4	0.0734	U		0.0686	0.250	0.0734	mg/Kg	55875	02/01/2011 01:13	1	EDR
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0125	U		0.0180	0.200	0.0125	mg/Kg	55715	01/26/2011 15:10	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.759	U		0.700	5.00	0.759	ug/Kg	55735	01/27/2011 13:30	1	SG
1,1,2,2-Tetrachloroethane	79-34-5	0.412	U		0.380	5.00	0.412	ug/Kg	55735	01/27/2011 13:30	1	SG
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.726	U		0.670	5.00	0.726	ug/Kg	55735	01/27/2011 13:30	1	SG
1,1,2-Trichloroethane	79-00-5	0.542	U		0.500	5.00	0.542	ug/Kg	55735	01/27/2011 13:30	1	SG
1,1-Dichloroethane	75-34-3	0.640	U		0.590	5.00	0.640	ug/Kg	55735	01/27/2011 13:30	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-2-3

Lab Sample ID: 560-24119-45
Client Matrix: Solid

Date Sampled: 01/20/2011 16:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
1,1-Dichloroethene	75-35-4	0.442	J		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
1,1-Dichloropropene	563-58-6	0.564	U		0.520	5.00	0.564	ug/Kg	55735	01/27/2011 13:30	1	SG
1,2,3-Trichlorobenzene	87-61-6	0.477	U		0.440	5.00	0.477	ug/Kg	55735	01/27/2011 13:30	1	SG
1,2,3-Trichloropropane	96-18-4	0.824	~~U~~ UJ		0.760	5.00	0.824	ug/Kg	55735	01/27/2011 13:30	1	SG
1,2,4-Trimethylbenzene	95-63-6	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
1,2-Dichloroethane	107-06-2	0.564	U		0.520	5.00	0.564	ug/Kg	55735	01/27/2011 13:30	1	SG
1,2-Dichloropropane	78-87-5	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
1,3,5-Trimethylbenzene	108-67-8	0.228	U		0.210	5.00	0.228	ug/Kg	55735	01/27/2011 13:30	1	SG
1,3-Dichloropropane	142-28-9	0.260	U		0.240	5.00	0.260	ug/Kg	55735	01/27/2011 13:30	1	SG
1,4-Dioxane	123-91-1	43.4	U		40.0	100	43.4	ug/Kg	55735	01/27/2011 13:30	1	SG
2,2-Dichloropropane	594-20-7	0.911	U		0.840	5.00	0.911	ug/Kg	55735	01/27/2011 13:30	1	SG
2-Butanone (MEK)	78-93-3	1.08	U		1.00	5.00	1.08	ug/Kg	55735	01/27/2011 13:30	1	SG
2-Hexanone	591-78-6	1.30	U		1.20	5.00	1.30	ug/Kg	55735	01/27/2011 13:30	1	SG
2-Nitropropane	79-46-9	0.564	U		0.520	5.00	0.564	ug/Kg	55735	01/27/2011 13:30	1	SG
4-Methyl-2-pentanone (MIBK)	108-10-1	1.01	U		0.930	5.00	1.01	ug/Kg	55735	01/27/2011 13:30	1	SG
Acetone	67-64-1	7.81	U		7.20	25.0	7.81	ug/Kg	55735	01/27/2011 13:30	1	SG
Acetonitrile	75-05-8	40.1	U		37.0	50.0	40.1	ug/Kg	55735	01/27/2011 13:30	1	SG
Benzene	71-43-2	0.249	U		0.230	5.00	0.249	ug/Kg	55735	01/27/2011 13:30	1	SG
Bromoform	75-25-2	0.553	U		0.510	5.00	0.553	ug/Kg	55735	01/27/2011 13:30	1	SG
Bromomethane	74-83-9	1.19	U		1.10	5.00	1.19	ug/Kg	55735	01/27/2011 13:30	1	SG
Carbon disulfide	75-15-0	0.791	U		0.730	5.00	0.791	ug/Kg	55735	01/27/2011 13:30	1	SG
Carbon tetrachloride	56-23-5	0.553	U		0.510	5.00	0.553	ug/Kg	55735	01/27/2011 13:30	1	SG
Chlorobenzene	108-90-7	0.249	U		0.230	5.00	0.249	ug/Kg	55735	01/27/2011 13:30	1	SG
Chlorodibromomethane	124-48-1	0.694	U		0.640	5.00	0.694	ug/Kg	55735	01/27/2011 13:30	1	SG
Chloroethane	75-00-3	0.282	U		0.260	5.00	0.282	ug/Kg	55735	01/27/2011 13:30	1	SG
Chloroform	67-66-3	0.943	U		0.870	5.00	0.943	ug/Kg	55735	01/27/2011 13:30	1	SG
Chloromethane	74-87-3	1.30	U		1.20	5.00	1.30	ug/Kg	55735	01/27/2011 13:30	1	SG
cis-1,2-Dichloroethene	156-59-2	0.618	U		0.570	5.00	0.618	ug/Kg	55735	01/27/2011 13:30	1	SG
cis-1,3-Dichloropropene	10061-01-5	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
Dibromomethane	74-95-3	0.770	U		0.710	5.00	0.770	ug/Kg	55735	01/27/2011 13:30	1	SG
Dichlorobromomethane	75-27-4	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
Dichlorodifluoromethane	75-71-8	0.791	U		0.730	5.00	0.791	ug/Kg	55735	01/27/2011 13:30	1	SG
Ethyl acetate	141-78-6	1.30	~~U~~ UJ		1.20	5.00	1.30	ug/Kg	55735	01/27/2011 13:30	1	SG
Ethyl ether	60-29-7	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
Ethyl methacrylate	97-63-2	0.553	U		0.510	5.00	0.553	ug/Kg	55735	01/27/2011 13:30	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-2-3

Lab Sample ID: 560-24119-45
Client Matrix: Solid

Date Sampled: 01/20/2011 16:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Ethylbenzene	100-41-4	0.239	U		0.220	5.00	0.239	ug/Kg	55735	01/27/2011 13:30	1	SG
Ethylene Dibromide	106-93-4	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
Iodomethane	74-88-4	0.867	U		0.800	5.00	0.867	ug/Kg	55735	01/27/2011 13:30	1	SG
Methyl methacrylate	80-62-6	1.19	U		1.10	5.00	1.19	ug/Kg	55735	01/27/2011 13:30	1	SG
Methyl tert-butyl ether	1634-04-4	0.661	U		0.610	5.00	0.661	ug/Kg	55735	01/27/2011 13:30	1	SG
Methylene Chloride	75-09-2	5.42	U		5.00	25.0	5.42	ug/Kg	55735	01/27/2011 13:30	1	SG
Styrene	100-42-5	0.217	U		0.200	5.00	0.217	ug/Kg	55735	01/27/2011 13:30	1	SG
Tetrachloroethene	127-18-4	0.802	U		0.740	5.00	0.802	ug/Kg	55735	01/27/2011 13:30	1	SG
Toluene	108-88-3	0.607	U		0.560	5.00	0.607	ug/Kg	55735	01/27/2011 13:30	1	SG
trans-1,2-Dichloroethene	156-60-5	0.542	U		0.500	5.00	0.542	ug/Kg	55735	01/27/2011 13:30	1	SG
trans-1,3-Dichloropropene	10061-02-6	0.564	U		0.520	5.00	0.564	ug/Kg	55735	01/27/2011 13:30	1	SG
Trichloroethene	79-01-6	0.304	U		0.280	5.00	0.304	ug/Kg	55735	01/27/2011 13:30	1	SG
Trichlorofluoromethane	75-69-4	0.542	U		0.500	5.00	0.542	ug/Kg	55735	01/27/2011 13:30	1	SG
Vinyl acetate	108-05-4	1.19	~~U~~ R		1.10	5.00	1.19	ug/Kg	55735	01/27/2011 13:30	1	SG
Vinyl chloride	75-01-4	0.651	U		0.600	5.00	0.651	ug/Kg	55735	01/27/2011 13:30	1	SG
Xylenes, Total	1330-20-7	0.390	U		0.360	15.0	0.390	ug/Kg	55735	01/27/2011 13:30	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		69.2	54.2	128	69-136		VGCMS#3	55770	01/27/2011 13:30	1	SG
4-Bromofluorobenzene (Surr)	460-00-4		41.7	54.2	77	56-129		VGCMS#3	55770	01/27/2011 13:30	1	SG
Dibromofluoromethane (Surr)	1868-53-7		49.2	54.2	91	63-135		VGCMS#3	55770	01/27/2011 13:30	1	SG
Toluene-d8 (Surr)	2037-26-5		51.3	54.2	95	66-124		VGCMS#3	55770	01/27/2011 13:30	1	SG

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-2-3

Lab Sample ID: 560-24119-45
Client Matrix: Solid

Date Sampled: 01/20/2011 16:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	50.2	U	UJL	45.7	330	50.2	ug/Kg	55775	01/28/2011 09:48	1	GEF
1,2-Dichlorobenzene	95-50-1	57.3	U	UJL	52.1	330	57.3	ug/Kg	55775	01/28/2011 09:48	1	GEF
1,3-Dichlorobenzene	541-73-1	48.1	U	UJL	43.8	330	48.1	ug/Kg	55775	01/28/2011 09:48	1	GEF
1,4-Dichlorobenzene	106-46-7	50.3	U	UJL	45.8	330	50.3	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,4,5-Trichlorophenol	95-95-4	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,4,6-Trichlorophenol	88-06-2	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,4-Dichlorophenol	120-83-2	25.1	U	UJL	22.8	330	25.1	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,4-Dimethylphenol	105-67-9	22.4	U	UJL	20.4	330	22.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,4-Dinitrophenol	51-28-5	110	U	UJL	100	330	110	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,4-Dinitrotoluene	121-14-2	55.0	U		50.0	330	55.0	ug/Kg	55775	01/28/2011 09:48	1	GEF
2,6-Dinitrotoluene	606-20-2	55.0	U		50.0	330	55.0	ug/Kg	55775	01/28/2011 09:48	1	GEF
2-Chloronaphthalene	91-58-7	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
2-Chlorophenol	95-57-8	30.6	U	UJL	27.8	330	30.6	ug/Kg	55775	01/28/2011 09:48	1	GEF
2-Methylnaphthalene	91-57-6	34.2	U		31.1	330	34.2	ug/Kg	55775	01/28/2011 09:48	1	GEF
2-Methylphenol	95-48-7	36.3	U	UJL	33.0	330	36.3	ug/Kg	55775	01/28/2011 09:48	1	GEF
2-Nitroaniline	88-74-4	24.4	U		22.2	330	24.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
2-Nitrophenol	88-75-5	18.7	U	UJL	17.0	330	18.7	ug/Kg	55775	01/28/2011 09:48	1	GEF
3 & 4 Methylphenol	15831-10-4	55.0	U	UJL	50.0	670	55.0	ug/Kg	55775	01/28/2011 09:48	1	GEF
3,3'-Dichlorobenzidine	91-94-1	184	U		167	330	184	ug/Kg	55775	01/28/2011 09:48	1	GEF
3-Nitroaniline	99-09-2	110	U		100	330	110	ug/Kg	55775	01/28/2011 09:48	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	55.0	U	UJL	50.0	330	55.0	ug/Kg	55775	01/28/2011 09:48	1	GEF
4-Bromophenyl phenyl ether	101-55-3	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
4-Chloro-3-methylphenol	59-50-7	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
4-Chloroaniline	106-47-8	110	U		100	330	110	ug/Kg	55775	01/28/2011 09:48	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
4-Nitroaniline	100-01-6	110	U		100	330	110	ug/Kg	55775	01/28/2011 09:48	1	GEF
4-Nitrophenol	100-02-7	110	U		100	330	110	ug/Kg	55775	01/28/2011 09:48	1	GEF
Acenaphthene	83-32-9	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Acenaphthylene	208-96-8	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Anthracene	120-12-7	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Benzo[a]anthracene	56-55-3	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Benzo[a]pyrene	50-32-8	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Benzo[b]fluoranthene	205-99-2	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF

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Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-2-3

Lab Sample ID: 560-24119-45
Client Matrix: Solid

Date Sampled: 01/20/2011 16:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Benzo[k]fluoranthene	207-08-9	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Benzyl alcohol	100-51-6	26.9	U	UJL	24.5	330	26.9	ug/Kg	55775	01/28/2011 09:48	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	18.4	U	UJL	16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Bis(2-chloroethyl)ether	111-44-4	41.1	U	UJL	37.4	330	41.1	ug/Kg	55775	01/28/2011 09:48	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Butyl benzyl phthalate	85-68-7	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Chrysene	218-01-9	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Di-n-butyl phthalate	84-74-2	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Di-n-octyl phthalate	117-84-0	20.6	U		18.7	330	20.6	ug/Kg	55775	01/28/2011 09:48	1	GEF
Dibenz(a,h)anthracene	53-70-3	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Dibenzofuran	132-64-9	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Diethyl phthalate	84-66-2	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Dimethyl phthalate	131-11-3	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Fluoranthene	206-44-0	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Fluorene	86-73-7	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Hexachlorobenzene	118-74-1	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Hexachlorobutadiene	87-68-3	49.1	U	UJL	44.7	330	49.1	ug/Kg	55775	01/28/2011 09:48	1	GEF
Hexachlorocyclopentadiene	77-47-4	55.0	U		50.0	330	55.0	ug/Kg	55775	01/28/2011 09:48	1	GEF
Hexachloroethane	67-72-1	55.1	U	UJL	50.1	330	55.1	ug/Kg	55775	01/28/2011 09:48	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Isophorone	78-59-1	18.4	U	UJL	16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	18.4	U	UJL	16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
N-Nitrosodiphenylamine	86-30-6	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Naphthalene	91-20-3	45.8	U	UJL	41.7	330	45.8	ug/Kg	55775	01/28/2011 09:48	1	GEF
Nitrobenzene	98-95-3	40.0	U	UJL	36.4	330	40.0	ug/Kg	55775	01/28/2011 09:48	1	GEF
Pentachlorophenol	87-86-5	110	U		100	330	110	ug/Kg	55775	01/28/2011 09:48	1	GEF
Phenanthrene	85-01-8	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Phenol	108-95-2	18.4	U	UJL	16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF
Pyrene	129-00-0	18.4	U		16.7	330	18.4	ug/Kg	55775	01/28/2011 09:48	1	GEF

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

Received by OCD: 2/5/2021

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		4410	5500	80	65-120		SVGCMS#3	55725	01/28/2011 09:48	1	GEF
2-Fluorobiphenyl	321-60-8		2530	3660	69	64-120		SVGCMS#3	55725	01/28/2011 09:48	1	GEF
2-Fluorophenol	367-12-4		3360	5500	61	53-120		SVGCMS#3	55725	01/28/2011 09:48	1	GEF
Nitrobenzene-d5	4165-60-0		2380	3660	65	55-120		SVGCMS#3	55725	01/28/2011 09:48	1	GEF
Phenol-d5	4165-62-2		3670	5500	67	59-120		SVGCMS#3	55725	01/28/2011 09:48	1	GEF
Terphenyl-d14	1718-51-0		2590	3660	71	67-120		SVGCMS#3	55725	01/28/2011 09:48	1	GEF

S. Chaffe
FEB 25 11

Ecology and Environment, Inc.
ATTN: David Beeson

Job Number: 560-24119-1
Project: Bastrop TBA
SDG Number: Bastrop TBA

Client Sample ID: SB10-2-3

Lab Sample ID: 560-24119-45
Client Matrix: Solid

Date Sampled: 01/20/2011 16:10
Date Received: 01/22/2011 10:30

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	11.0	U		10.0	50.0	11.0	mg/Kg	55688	01/26/2011 13:09	1	SG
C6-C35	STL00006	11.0	U		10.0	50.0	11.0	mg/Kg	55688	01/26/2011 13:09	1	SG
Over C12-C28	STL00035	11.0	U		10.0	50.0	11.0	mg/Kg	55688	01/26/2011 13:09	1	SG
Over C28-C35	STL00147	11.0	U		10.0	50.0	11.0	mg/Kg	55688	01/26/2011 13:09	1	SG

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1-Chlorooctane (Surr)	111-85-3		315	274	115	70-130		SVGC#4	55671	01/26/2011 13:09	1	SG
o-Terphenyl	84-15-1		340	274	124	70-130		SVGC#4	55671	01/26/2011 13:09	1	SG

S. Chaffe
FEB 25 11

Form I

DATA REPORTING QUALIFIERS

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyte was not detected at or above the SDL.
	*	LCS or LCSD exceeds the control limits
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits
	b	The compound was found in the blank and sample
GC/MS Semi VOA		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits
	b	The compound was found in the blank and sample
GC Semi VOA		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	b	The compound was found in the blank and sample

S. Chaffe

FEB 25 11

DATA REPORTING QUALIFIERS

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	b	The compound was found in the blank and sample

S. Chaffe

FEB 25 11

QUALITY CONTROL RESULTS

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:560-55630					
LCS 560-55630/3	Lab Control Sample	T	Water	8260B	
MB 560-55630/8	Method Blank	T	Water	8260B	
560-24119-8TB	Trip Blank 011311-A	T	Water	8260B	
560-24119-15TB	Trip Blank 011311-B	T	Water	8260B	
560-24119-24TB	Trip Blank 011311-C	T	Water	8260B	
560-24119-32TB	Trip Blank 011311-D	T	Water	8260B	
560-24119-41TB	Trip Blank 011311-E	T	Water	8260B	
560-24119-46TB	Trip Blank 011311-F	T	Water	8260B	
Analysis Batch:560-55687					
LCS 560-55739/1-A	Lab Control Sample	T	Solid	8260B	560-55739
MB 560-55739/22-A	Method Blank	T	Solid	8260B	560-55739
560-24119-2	SB7-2-3	T	Solid	8260B	560-55739
560-24119-3	SB11-0-0.5	T	Solid	8260B	560-55739
560-24119-9	SB5-0-0.5	T	Solid	8260B	560-55739
Analysis Batch:560-55735					
LCS 560-55735/3	Lab Control Sample	T	Solid	8260B	
MB 560-55735/8	Method Blank	T	Solid	8260B	
560-24119-21	SB3-2-3	T	Solid	8260B	560-55770
560-24119-22	SB4-0-0.5	T	Solid	8260B	560-55770
560-24119-30	SB18-0-0.5	T	Solid	8260B	560-55770
560-24119-40	SB16-2-3	T	Solid	8260B	560-55770
560-24119-45	SB10-2-3	T	Solid	8260B	560-55770
560-24119-45MS	Matrix Spike	T	Solid	8260B	560-55770
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	8260B	560-55770
Prep Batch: 560-55739					
LCS 560-55739/1-A	Lab Control Sample	T	Solid	5035	
MB 560-55739/22-A	Method Blank	T	Solid	5035	
560-24119-2	SB7-2-3	T	Solid	5035	
560-24119-3	SB11-0-0.5	T	Solid	5035	
560-24119-9	SB5-0-0.5	T	Solid	5035	
Prep Batch: 560-55770					
560-24119-21	SB3-2-3	T	Solid	5035	
560-24119-22	SB4-0-0.5	T	Solid	5035	
560-24119-30	SB18-0-0.5	T	Solid	5035	
560-24119-40	SB16-2-3	T	Solid	5035	
560-24119-45	SB10-2-3	T	Solid	5035	
560-24119-45MS	Matrix Spike	T	Solid	5035	
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	5035	

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FEB 25 10

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:560-55851					
LCS 560-55863/1-A	Lab Control Sample	T	Solid	8260B	560-55863
MB 560-55863/19-A	Method Blank	T	Solid	8260B	560-55863
560-24119-6	SB12-2.3	T	Solid	8260B	560-55863
560-24119-28	SB17-0-0.5	T	Solid	8260B	560-55863
560-24119-42	SB9-0-0.5	T	Solid	8260B	560-55863
560-24119-42MS	Matrix Spike	T	Solid	8260B	560-55863
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	8260B	560-55863
Prep Batch: 560-55863					
LCS 560-55863/1-A	Lab Control Sample	T	Solid	5035	
MB 560-55863/19-A	Method Blank	T	Solid	5035	
560-24119-6	SB12-2.3	T	Solid	5035	
560-24119-28	SB17-0-0.5	T	Solid	5035	
560-24119-42	SB9-0-0.5	T	Solid	5035	
560-24119-42MS	Matrix Spike	T	Solid	5035	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:560-55888					
LCS 560-55888/3	Lab Control Sample	T	Solid	8260B	
MB 560-55888/6	Method Blank	T	Solid	8260B	
560-24119-10	SB5-2-3	T	Solid	8260B	560-55919
560-24119-12	SB6-2-3	T	Solid	8260B	560-55919
560-24119-14FD	SBDUP-3	T	Solid	8260B	560-55919
560-24119-19	SB2-2-3	T	Solid	8260B	560-55919
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	8260B	560-55919
Prep Batch: 560-55919					
560-24119-10	SB5-2-3	T	Solid	5035	
560-24119-12	SB6-2-3	T	Solid	5035	
560-24119-14FD	SBDUP-3	T	Solid	5035	
560-24119-19	SB2-2-3	T	Solid	5035	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	5035	

S. Charle

FEB 25 10

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:560-55942					
LCS 560-55942/3	Lab Control Sample	T	Solid	8260B	
MB 560-55942/6	Method Blank	T	Solid	8260B	
560-24119-1	SB7-0-0.5	T	Solid	8260B	560-55955
560-24119-4	SB11-2-3	T	Solid	8260B	560-55955
560-24119-20	SB3-0-0.5	T	Solid	8260B	560-55955
560-24119-25FD	SBDUP-1	T	Solid	8260B	560-55955
560-24119-26	SB8-0-0.5	T	Solid	8260B	560-55955
560-24119-27	SB8-2-3	T	Solid	8260B	560-55955
560-24119-29	SB17-2-3	T	Solid	8260B	560-55955
560-24119-31	SB18-2-3	T	Solid	8260B	560-55955
560-24119-33	SB13-0-0.5	T	Solid	8260B	560-55955
560-24119-33MS	Matrix Spike	T	Solid	8260B	560-55955
560-24119-33MSD	Matrix Spike Duplicate	T	Solid	8260B	560-55955
560-24119-34	SB13-2-3	T	Solid	8260B	560-55955
560-24119-35	SB14-0-0.5	T	Solid	8260B	560-55955
560-24119-37	SB15-0-0.5	T	Solid	8260B	560-55955
560-24119-39	SB16-0-0.5	T	Solid	8260B	560-55955
Prep Batch: 560-55955					
560-24119-1	SB7-0-0.5	T	Solid	5035	
560-24119-4	SB11-2-3	T	Solid	5035	
560-24119-20	SB3-0-0.5	T	Solid	5035	
560-24119-25FD	SBDUP-1	T	Solid	5035	
560-24119-26	SB8-0-0.5	T	Solid	5035	
560-24119-27	SB8-2-3	T	Solid	5035	
560-24119-29	SB17-2-3	T	Solid	5035	
560-24119-31	SB18-2-3	T	Solid	5035	
560-24119-33	SB13-0-0.5	T	Solid	5035	
560-24119-33MS	Matrix Spike	T	Solid	5035	
560-24119-33MSD	Matrix Spike Duplicate	T	Solid	5035	
560-24119-34	SB13-2-3	T	Solid	5035	
560-24119-35	SB14-0-0.5	T	Solid	5035	
560-24119-37	SB15-0-0.5	T	Solid	5035	
560-24119-39	SB16-0-0.5	T	Solid	5035	

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:560-55984					
LCS 560-55984/3	Lab Control Sample	T	Solid	8260B	
MB 560-55984/8	Method Blank	T	Solid	8260B	
560-24119-5	SB12-0-0.5	T	Solid	8260B	560-55995
560-24119-7	IDW-S	T	Solid	8260B	560-55995
560-24119-11	SB6-0-0.5	T	Solid	8260B	560-55995
560-24119-13FD	SBDUP-2	T	Solid	8260B	560-55995
560-24119-16	SB1-0-0.5	T	Solid	8260B	560-55995
560-24119-17	SB1-2-3	T	Solid	8260B	560-55995
560-24119-18	SB2-0-0.5	T	Solid	8260B	560-55995
560-24119-23	SB4-2-3	T	Solid	8260B	560-55995
560-24119-36	SB14-2-3	T	Solid	8260B	560-55995
560-24119-38	SB15-2-3	T	Solid	8260B	560-55995
560-24119-43	SB9-2-3	T	Solid	8260B	560-55995
560-24119-44	SB10-0-0.5	T	Solid	8260B	560-55995
Prep Batch: 560-55995					
560-24119-5	SB12-0-0.5	T	Solid	5035	
560-24119-7	IDW-S	T	Solid	5035	
560-24119-11	SB6-0-0.5	T	Solid	5035	
560-24119-13FD	SBDUP-2	T	Solid	5035	
560-24119-16	SB1-0-0.5	T	Solid	5035	
560-24119-17	SB1-2-3	T	Solid	5035	
560-24119-18	SB2-0-0.5	T	Solid	5035	
560-24119-23	SB4-2-3	T	Solid	5035	
560-24119-36	SB14-2-3	T	Solid	5035	
560-24119-38	SB15-2-3	T	Solid	5035	
560-24119-43	SB9-2-3	T	Solid	5035	
560-24119-44	SB10-0-0.5	T	Solid	5035	

Report Basis
T = Total

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 560-55725					
LCS 560-55725/2-A	Lab Control Sample	T	Solid	3550B	
MB 560-55725/1-A	Method Blank	T	Solid	3550B	
560-24119-22	SB4-0-0.5	T	Solid	3550B	
560-24119-23	SB4-2-3	T	Solid	3550B	
560-24119-25FD	SBDUP-1	T	Solid	3550B	
560-24119-26	SB8-0-0.5	T	Solid	3550B	
560-24119-27	SB8-2-3	T	Solid	3550B	
560-24119-28	SB17-0-0.5	T	Solid	3550B	
560-24119-29	SB17-2-3	T	Solid	3550B	
560-24119-30	SB18-0-0.5	T	Solid	3550B	
560-24119-31	SB18-2-3	T	Solid	3550B	
560-24119-33	SB13-0-0.5	T	Solid	3550B	
560-24119-34	SB13-2-3	T	Solid	3550B	
560-24119-35	SB14-0-0.5	T	Solid	3550B	
560-24119-36	SB14-2-3	T	Solid	3550B	
560-24119-37	SB15-0-0.5	T	Solid	3550B	
560-24119-38	SB15-2-3	T	Solid	3550B	
560-24119-39	SB16-0-0.5	T	Solid	3550B	
560-24119-40	SB16-2-3	T	Solid	3550B	
560-24119-43	SB9-2-3	T	Solid	3550B	
560-24119-44	SB10-0-0.5	T	Solid	3550B	
560-24119-45	SB10-2-3	T	Solid	3550B	
560-24119-45MS	Matrix Spike	T	Solid	3550B	
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	3550B	

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 560-55726					
LCS 560-55726/2-A	Lab Control Sample	T	Solid	3550B	
MB 560-55726/1-A	Method Blank	T	Solid	3550B	
560-24119-1	SB7-0-0.5	T	Solid	3550B	
560-24119-2	SB7-2-3	T	Solid	3550B	
560-24119-3	SB11-0-0.5	T	Solid	3550B	
560-24119-4	SB11-2-3	T	Solid	3550B	
560-24119-5	SB12-0-0.5	T	Solid	3550B	
560-24119-6	SB12-2.3	T	Solid	3550B	
560-24119-7	IDW-S	T	Solid	3550B	
560-24119-9	SB5-0-0.5	T	Solid	3550B	
560-24119-10	SB5-2-3	T	Solid	3550B	
560-24119-11	SB6-0-0.5	T	Solid	3550B	
560-24119-12	SB6-2-3	T	Solid	3550B	
560-24119-13FD	SBDUP-2	T	Solid	3550B	
560-24119-14FD	SBDUP-3	T	Solid	3550B	
560-24119-16	SB1-0-0.5	T	Solid	3550B	
560-24119-17	SB1-2-3	T	Solid	3550B	
560-24119-18	SB2-0-0.5	T	Solid	3550B	
560-24119-19	SB2-2-3	T	Solid	3550B	
560-24119-20	SB3-0-0.5	T	Solid	3550B	
560-24119-21	SB3-2-3	T	Solid	3550B	
560-24119-42	SB9-0-0.5	T	Solid	3550B	
560-24119-42MS	Matrix Spike	T	Solid	3550B	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	3550B	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:560-55757					
LCS 560-55726/2-A	Lab Control Sample	T	Solid	8270C	560-55726
MB 560-55726/1-A	Method Blank	T	Solid	8270C	560-55726
560-24119-1	SB7-0-0.5	T	Solid	8270C	560-55726
560-24119-2	SB7-2-3	T	Solid	8270C	560-55726
560-24119-3	SB11-0-0.5	T	Solid	8270C	560-55726
560-24119-4	SB11-2-3	T	Solid	8270C	560-55726
560-24119-5	SB12-0-0.5	T	Solid	8270C	560-55726
560-24119-6	SB12-2.3	T	Solid	8270C	560-55726
560-24119-7	IDW-S	T	Solid	8270C	560-55726
560-24119-9	SB5-0-0.5	T	Solid	8270C	560-55726
560-24119-10	SB5-2-3	T	Solid	8270C	560-55726
560-24119-11	SB6-0-0.5	T	Solid	8270C	560-55726
560-24119-12	SB6-2-3	T	Solid	8270C	560-55726
560-24119-13FD	SBDUP-2	T	Solid	8270C	560-55726
560-24119-14FD	SBDUP-3	T	Solid	8270C	560-55726
560-24119-16	SB1-0-0.5	T	Solid	8270C	560-55726
560-24119-17	SB1-2-3	T	Solid	8270C	560-55726
560-24119-18	SB2-0-0.5	T	Solid	8270C	560-55726
560-24119-19	SB2-2-3	T	Solid	8270C	560-55726
560-24119-20	SB3-0-0.5	T	Solid	8270C	560-55726
560-24119-21	SB3-2-3	T	Solid	8270C	560-55726
560-24119-42	SB9-0-0.5	T	Solid	8270C	560-55726
560-24119-42MS	Matrix Spike	T	Solid	8270C	560-55726
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	8270C	560-55726

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:560-55775					
LCS 560-55725/2-A	Lab Control Sample	T	Solid	8270C	560-55725
MB 560-55725/1-A	Method Blank	T	Solid	8270C	560-55725
560-24119-22	SB4-0-0.5	T	Solid	8270C	560-55725
560-24119-23	SB4-2-3	T	Solid	8270C	560-55725
560-24119-25FD	SBDUP-1	T	Solid	8270C	560-55725
560-24119-26	SB8-0-0.5	T	Solid	8270C	560-55725
560-24119-27	SB8-2-3	T	Solid	8270C	560-55725
560-24119-28	SB17-0-0.5	T	Solid	8270C	560-55725
560-24119-29	SB17-2-3	T	Solid	8270C	560-55725
560-24119-30	SB18-0-0.5	T	Solid	8270C	560-55725
560-24119-31	SB18-2-3	T	Solid	8270C	560-55725
560-24119-33	SB13-0-0.5	T	Solid	8270C	560-55725
560-24119-34	SB13-2-3	T	Solid	8270C	560-55725
560-24119-35	SB14-0-0.5	T	Solid	8270C	560-55725
560-24119-36	SB14-2-3	T	Solid	8270C	560-55725
560-24119-37	SB15-0-0.5	T	Solid	8270C	560-55725
560-24119-38	SB15-2-3	T	Solid	8270C	560-55725
560-24119-39	SB16-0-0.5	T	Solid	8270C	560-55725
560-24119-40	SB16-2-3	T	Solid	8270C	560-55725
560-24119-43	SB9-2-3	T	Solid	8270C	560-55725
560-24119-44	SB10-0-0.5	T	Solid	8270C	560-55725
560-24119-45	SB10-2-3	T	Solid	8270C	560-55725
560-24119-45MS	Matrix Spike	T	Solid	8270C	560-55725
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	8270C	560-55725

Report Basis
T = Total

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 560-55606					
LCS 560-55606/2-A	Lab Control Sample	T	Solid	TX_1005_S_Prep	
LCSD 560-55606/3-A	Lab Control Sample Duplicate	T	Solid	TX_1005_S_Prep	
MB 560-55606/1-A	Method Blank	T	Solid	TX_1005_S_Prep	
560-24119-1	SB7-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-2	SB7-2-3	T	Solid	TX_1005_S_Prep	
560-24119-3	SB11-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-4	SB11-2-3	T	Solid	TX_1005_S_Prep	
560-24119-5	SB12-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-6	SB12-2.3	T	Solid	TX_1005_S_Prep	
560-24119-7	IDW-S	T	Solid	TX_1005_S_Prep	
560-24119-9	SB5-0-0.5	T	Solid	TX 1006 Frac	
560-24119-9	SB5-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-10	SB5-2-3	T	Solid	TX_1005_S_Prep	
560-24119-11	SB6-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-12	SB6-2-3	T	Solid	TX_1005_S_Prep	
560-24119-13FD	SBDUP-2	T	Solid	TX_1005_S_Prep	
560-24119-14FD	SBDUP-3	T	Solid	TX_1005_S_Prep	
560-24119-16	SB1-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-17	SB1-2-3	T	Solid	TX_1005_S_Prep	
560-24119-18	SB2-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-19	SB2-2-3	T	Solid	TX_1005_S_Prep	
560-24119-20	SB3-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-21	SB3-2-3	T	Solid	TX_1005_S_Prep	
560-24119-42	SB9-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-42MS	Matrix Spike	T	Solid	TX_1005_S_Prep	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	TX_1005_S_Prep	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:560-55628					
LCS 560-55606/2-A	Lab Control Sample	T	Solid	TX 1005	560-55606
LCSD 560-55606/3-A	Lab Control Sample Duplicate	T	Solid	TX 1005	560-55606
MB 560-55606/1-A	Method Blank	T	Solid	TX 1005	560-55606
560-24119-1	SB7-0-0.5	T	Solid	TX 1005	560-55606
560-24119-2	SB7-2-3	T	Solid	TX 1005	560-55606
560-24119-3	SB11-0-0.5	T	Solid	TX 1005	560-55606
560-24119-4	SB11-2-3	T	Solid	TX 1005	560-55606
560-24119-5	SB12-0-0.5	T	Solid	TX 1005	560-55606
560-24119-6	SB12-2.3	T	Solid	TX 1005	560-55606
560-24119-7	IDW-S	T	Solid	TX 1005	560-55606
560-24119-9	SB5-0-0.5	T	Solid	TX 1005	560-55606
560-24119-10	SB5-2-3	T	Solid	TX 1005	560-55606
560-24119-11	SB6-0-0.5	T	Solid	TX 1005	560-55606
560-24119-12	SB6-2-3	T	Solid	TX 1005	560-55606
560-24119-13FD	SBDUP-2	T	Solid	TX 1005	560-55606
560-24119-14FD	SBDUP-3	T	Solid	TX 1005	560-55606
560-24119-16	SB1-0-0.5	T	Solid	TX 1005	560-55606
560-24119-17	SB1-2-3	T	Solid	TX 1005	560-55606
560-24119-18	SB2-0-0.5	T	Solid	TX 1005	560-55606
560-24119-19	SB2-2-3	T	Solid	TX 1005	560-55606
560-24119-20	SB3-0-0.5	T	Solid	TX 1005	560-55606
560-24119-21	SB3-2-3	T	Solid	TX 1005	560-55606
560-24119-42	SB9-0-0.5	T	Solid	TX 1005	560-55606
560-24119-42MS	Matrix Spike	T	Solid	TX 1005	560-55606
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	TX 1005	560-55606

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 560-55671					
LCS 560-55671/2-B	Lab Control Sample	T	Solid	TX 1006 Frac	
LCSD 560-55671/3-B	Lab Control Sample Duplicate	T	Solid	TX 1006 Frac	
MB 560-55671/1-B	Method Blank	T	Solid	TX 1006 Frac	
LCS 560-55671/2-A	Lab Control Sample	T	Solid	TX_1005_S_Prep	
LCSD 560-55671/3-A	Lab Control Sample Duplicate	T	Solid	TX_1005_S_Prep	
MB 560-55671/1-A	Method Blank	T	Solid	TX_1005_S_Prep	
560-24119-22	SB4-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-23	SB4-2-3	T	Solid	TX_1005_S_Prep	
560-24119-25FD	SBDUP-1	T	Solid	TX_1005_S_Prep	
560-24119-26	SB8-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-27	SB8-2-3	T	Solid	TX_1005_S_Prep	
560-24119-28	SB17-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-29	SB17-2-3	T	Solid	TX_1005_S_Prep	
560-24119-30	SB18-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-31	SB18-2-3	T	Solid	TX_1005_S_Prep	
560-24119-33	SB13-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-34	SB13-2-3	T	Solid	TX 1006 Frac	
560-24119-34	SB13-2-3	T	Solid	TX_1005_S_Prep	
560-24119-35	SB14-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-36	SB14-2-3	T	Solid	TX_1005_S_Prep	
560-24119-37	SB15-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-38	SB15-2-3	T	Solid	TX_1005_S_Prep	
560-24119-39	SB16-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-40	SB16-2-3	T	Solid	TX_1005_S_Prep	
560-24119-43	SB9-2-3	T	Solid	TX_1005_S_Prep	
560-24119-44	SB10-0-0.5	T	Solid	TX_1005_S_Prep	
560-24119-45	SB10-2-3	T	Solid	TX_1005_S_Prep	
560-24119-45MS	Matrix Spike	T	Solid	TX_1005_S_Prep	
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	TX_1005_S_Prep	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:560-55688					
LCS 560-55671/2-A	Lab Control Sample	T	Solid	TX 1005	560-55671
LCSD 560-55671/3-A	Lab Control Sample Duplicate	T	Solid	TX 1005	560-55671
MB 560-55671/1-A	Method Blank	T	Solid	TX 1005	560-55671
560-24119-22	SB4-0-0.5	T	Solid	TX 1005	560-55671
560-24119-23	SB4-2-3	T	Solid	TX 1005	560-55671
560-24119-25FD	SBDUP-1	T	Solid	TX 1005	560-55671
560-24119-26	SB8-0-0.5	T	Solid	TX 1005	560-55671
560-24119-27	SB8-2-3	T	Solid	TX 1005	560-55671
560-24119-28	SB17-0-0.5	T	Solid	TX 1005	560-55671
560-24119-29	SB17-2-3	T	Solid	TX 1005	560-55671
560-24119-30	SB18-0-0.5	T	Solid	TX 1005	560-55671
560-24119-31	SB18-2-3	T	Solid	TX 1005	560-55671
560-24119-33	SB13-0-0.5	T	Solid	TX 1005	560-55671
560-24119-34	SB13-2-3	T	Solid	TX 1005	560-55671
560-24119-35	SB14-0-0.5	T	Solid	TX 1005	560-55671
560-24119-36	SB14-2-3	T	Solid	TX 1005	560-55671
560-24119-37	SB15-0-0.5	T	Solid	TX 1005	560-55671
560-24119-38	SB15-2-3	T	Solid	TX 1005	560-55671
560-24119-39	SB16-0-0.5	T	Solid	TX 1005	560-55671
560-24119-40	SB16-2-3	T	Solid	TX 1005	560-55671
560-24119-43	SB9-2-3	T	Solid	TX 1005	560-55671
560-24119-44	SB10-0-0.5	T	Solid	TX 1005	560-55671
560-24119-45	SB10-2-3	T	Solid	TX 1005	560-55671
560-24119-45MS	Matrix Spike	T	Solid	TX 1005	560-55671
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	TX 1005	560-55671
Prep Batch: 560-55842					
LCS 560-55842/2-A	Lab Control Sample	T	Solid	3550B	
LCS 560-55842/3-A	Lab Control Sample	T	Solid	3550B	
LCS 560-55842/4-A	Lab Control Sample	T	Solid	3550B	
MB 560-55842/1-A	Method Blank	T	Solid	3550B	
560-24119-5	SB12-0-0.5	T	Solid	3550B	
560-24119-39	SB16-0-0.5	T	Solid	3550B	
Analysis Batch:560-55896					
LCS 560-55842/2-A	Lab Control Sample	T	Solid	8081B	560-55842
LCS 560-55842/3-A	Lab Control Sample	T	Solid	8081B	560-55842
LCS 560-55842/4-A	Lab Control Sample	T	Solid	8081B	560-55842
MB 560-55842/1-A	Method Blank	T	Solid	8081B	560-55842
560-24119-5	SB12-0-0.5	T	Solid	8081B	560-55842
560-24119-39	SB16-0-0.5	T	Solid	8081B	560-55842

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:560-56010					
LCS 560-55671/2-B	Lab Control Sample	T	Solid	TX 1006	560-55671
LCSD 560-55671/3-B	Lab Control Sample Duplicate	T	Solid	TX 1006	560-55671
MB 560-55671/1-B	Method Blank	T	Solid	TX 1006	560-55671
560-24119-9	SB5-0-0.5	T	Solid	TX 1006	560-55606
560-24119-34	SB13-2-3	T	Solid	TX 1006	560-55671

Report Basis
T = Total

S. Challe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 560-55613					
LCS 560-55613/2-A	Lab Control Sample	T	Solid	3050B	
MB 560-55613/1-A	Method Blank	T	Solid	3050B	
560-24119-22	SB4-0-0.5	T	Solid	3050B	
560-24119-23	SB4-2-3	T	Solid	3050B	
560-24119-25FD	SBDUP-1	T	Solid	3050B	
560-24119-26	SB8-0-0.5	T	Solid	3050B	
560-24119-27	SB8-2-3	T	Solid	3050B	
560-24119-28	SB17-0-0.5	T	Solid	3050B	
560-24119-29	SB17-2-3	T	Solid	3050B	
560-24119-30	SB18-0-0.5	T	Solid	3050B	
560-24119-31	SB18-2-3	T	Solid	3050B	
560-24119-33	SB13-0-0.5	T	Solid	3050B	
560-24119-34	SB13-2-3	T	Solid	3050B	
560-24119-35	SB14-0-0.5	T	Solid	3050B	
560-24119-36	SB14-2-3	T	Solid	3050B	
560-24119-37	SB15-0-0.5	T	Solid	3050B	
560-24119-38	SB15-2-3	T	Solid	3050B	
560-24119-39	SB16-0-0.5	T	Solid	3050B	
560-24119-40	SB16-2-3	T	Solid	3050B	
560-24119-43	SB9-2-3	T	Solid	3050B	
560-24119-44	SB10-0-0.5	T	Solid	3050B	
560-24119-45	SB10-2-3	T	Solid	3050B	
560-24119-45MS	Matrix Spike	T	Solid	3050B	
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	3050B	

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 560-55617					
LCS 560-55617/2-A	Lab Control Sample	T	Solid	3050B	
MB 560-55617/1-A	Method Blank	T	Solid	3050B	
560-24119-1	SB7-0-0.5	T	Solid	3050B	
560-24119-2	SB7-2-3	T	Solid	3050B	
560-24119-3	SB11-0-0.5	T	Solid	3050B	
560-24119-4	SB11-2-3	T	Solid	3050B	
560-24119-5	SB12-0-0.5	T	Solid	3050B	
560-24119-6	SB12-2.3	T	Solid	3050B	
560-24119-7	IDW-S	T	Solid	3050B	
560-24119-9	SB5-0-0.5	T	Solid	3050B	
560-24119-10	SB5-2-3	T	Solid	3050B	
560-24119-11	SB6-0-0.5	T	Solid	3050B	
560-24119-12	SB6-2-3	T	Solid	3050B	
560-24119-13FD	SBDUP-2	T	Solid	3050B	
560-24119-14FD	SBDUP-3	T	Solid	3050B	
560-24119-16	SB1-0-0.5	T	Solid	3050B	
560-24119-17	SB1-2-3	T	Solid	3050B	
560-24119-18	SB2-0-0.5	T	Solid	3050B	
560-24119-19	SB2-2-3	T	Solid	3050B	
560-24119-20	SB3-0-0.5	T	Solid	3050B	
560-24119-21	SB3-2-3	T	Solid	3050B	
560-24119-42	SB9-0-0.5	T	Solid	3050B	
560-24119-42MS	Matrix Spike	T	Solid	3050B	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	3050B	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:560-55715					
LCS 560-55716/29-A	Lab Control Sample	T	Solid	7471A	560-55716
LCS 560-55716/5-A	Lab Control Sample	T	Solid	7471A	560-55716
LCS 560-55716/52-A	Lab Control Sample	T	Solid	7471A	560-55716
MB 560-55716/28-A	Method Blank	T	Solid	7471A	560-55716
MB 560-55716/4-A	Method Blank	T	Solid	7471A	560-55716
MB 560-55716/51-A	Method Blank	T	Solid	7471A	560-55716
560-24119-1	SB7-0-0.5	T	Solid	7471A	560-55716
560-24119-1MS	Matrix Spike	T	Solid	7471A	560-55716
560-24119-1MSD	Matrix Spike Duplicate	T	Solid	7471A	560-55716
560-24119-2	SB7-2-3	T	Solid	7471A	560-55716
560-24119-3	SB11-0-0.5	T	Solid	7471A	560-55716
560-24119-4	SB11-2-3	T	Solid	7471A	560-55716
560-24119-5	SB12-0-0.5	T	Solid	7471A	560-55716
560-24119-6	SB12-2.3	T	Solid	7471A	560-55716
560-24119-7	IDW-S	T	Solid	7471A	560-55716
560-24119-9	SB5-0-0.5	T	Solid	7471A	560-55716
560-24119-10	SB5-2-3	T	Solid	7471A	560-55716
560-24119-11	SB6-0-0.5	T	Solid	7471A	560-55716
560-24119-12	SB6-2-3	T	Solid	7471A	560-55716
560-24119-13FD	SBDUP-2	T	Solid	7471A	560-55716
560-24119-14FD	SBDUP-3	T	Solid	7471A	560-55716
560-24119-16	SB1-0-0.5	T	Solid	7471A	560-55716
560-24119-17	SB1-2-3	T	Solid	7471A	560-55716
560-24119-18	SB2-0-0.5	T	Solid	7471A	560-55716
560-24119-19	SB2-2-3	T	Solid	7471A	560-55716
560-24119-20	SB3-0-0.5	T	Solid	7471A	560-55716
560-24119-21	SB3-2-3	T	Solid	7471A	560-55716
560-24119-21MS	Matrix Spike	T	Solid	7471A	560-55716
560-24119-21MSD	Matrix Spike Duplicate	T	Solid	7471A	560-55716
560-24119-22	SB4-0-0.5	T	Solid	7471A	560-55716
560-24119-23	SB4-2-3	T	Solid	7471A	560-55716
560-24119-25FD	SBDUP-1	T	Solid	7471A	560-55716
560-24119-26	SB8-0-0.5	T	Solid	7471A	560-55716
560-24119-27	SB8-2-3	T	Solid	7471A	560-55716
560-24119-28	SB17-0-0.5	T	Solid	7471A	560-55716
560-24119-29	SB17-2-3	T	Solid	7471A	560-55716
560-24119-30	SB18-0-0.5	T	Solid	7471A	560-55716
560-24119-31	SB18-2-3	T	Solid	7471A	560-55716
560-24119-33	SB13-0-0.5	T	Solid	7471A	560-55716
560-24119-34	SB13-2-3	T	Solid	7471A	560-55716
560-24119-35	SB14-0-0.5	T	Solid	7471A	560-55716
560-24119-36	SB14-2-3	T	Solid	7471A	560-55716
560-24119-37	SB15-0-0.5	T	Solid	7471A	560-55716
560-24119-38	SB15-2-3	T	Solid	7471A	560-55716
560-24119-39	SB16-0-0.5	T	Solid	7471A	560-55716
560-24119-40	SB16-2-3	T	Solid	7471A	560-55716

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:560-55715					
560-24119-42	SB9-0-0.5	T	Solid	7471A	560-55716
560-24119-42MS	Matrix Spike	T	Solid	7471A	560-55716
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	7471A	560-55716
560-24119-43	SB9-2-3	T	Solid	7471A	560-55716
560-24119-44	SB10-0-0.5	T	Solid	7471A	560-55716
560-24119-45	SB10-2-3	T	Solid	7471A	560-55716
560-24119-45MS	Matrix Spike	T	Solid	7471A	560-55716
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	7471A	560-55716

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 560-55716					
LCS 560-55716/29-A	Lab Control Sample	T	Solid	7471A	
LCS 560-55716/5-A	Lab Control Sample	T	Solid	7471A	
LCS 560-55716/52-A	Lab Control Sample	T	Solid	7471A	
MB 560-55716/28-A	Method Blank	T	Solid	7471A	
MB 560-55716/4-A	Method Blank	T	Solid	7471A	
MB 560-55716/51-A	Method Blank	T	Solid	7471A	
560-24119-1	SB7-0-0.5	T	Solid	7471A	
560-24119-1MS	Matrix Spike	T	Solid	7471A	
560-24119-1MSD	Matrix Spike Duplicate	T	Solid	7471A	
560-24119-2	SB7-2-3	T	Solid	7471A	
560-24119-3	SB11-0-0.5	T	Solid	7471A	
560-24119-4	SB11-2-3	T	Solid	7471A	
560-24119-5	SB12-0-0.5	T	Solid	7471A	
560-24119-6	SB12-2.3	T	Solid	7471A	
560-24119-7	IDW-S	T	Solid	7471A	
560-24119-9	SB5-0-0.5	T	Solid	7471A	
560-24119-10	SB5-2-3	T	Solid	7471A	
560-24119-11	SB6-0-0.5	T	Solid	7471A	
560-24119-12	SB6-2-3	T	Solid	7471A	
560-24119-13FD	SBDUP-2	T	Solid	7471A	
560-24119-14FD	SBDUP-3	T	Solid	7471A	
560-24119-16	SB1-0-0.5	T	Solid	7471A	
560-24119-17	SB1-2-3	T	Solid	7471A	
560-24119-18	SB2-0-0.5	T	Solid	7471A	
560-24119-19	SB2-2-3	T	Solid	7471A	
560-24119-20	SB3-0-0.5	T	Solid	7471A	
560-24119-21	SB3-2-3	T	Solid	7471A	
560-24119-21MS	Matrix Spike	T	Solid	7471A	
560-24119-21MSD	Matrix Spike Duplicate	T	Solid	7471A	
560-24119-22	SB4-0-0.5	T	Solid	7471A	
560-24119-23	SB4-2-3	T	Solid	7471A	
560-24119-25FD	SBDUP-1	T	Solid	7471A	
560-24119-26	SB8-0-0.5	T	Solid	7471A	
560-24119-27	SB8-2-3	T	Solid	7471A	
560-24119-28	SB17-0-0.5	T	Solid	7471A	
560-24119-29	SB17-2-3	T	Solid	7471A	
560-24119-30	SB18-0-0.5	T	Solid	7471A	
560-24119-31	SB18-2-3	T	Solid	7471A	
560-24119-33	SB13-0-0.5	T	Solid	7471A	
560-24119-34	SB13-2-3	T	Solid	7471A	
560-24119-35	SB14-0-0.5	T	Solid	7471A	
560-24119-36	SB14-2-3	T	Solid	7471A	
560-24119-37	SB15-0-0.5	T	Solid	7471A	
560-24119-38	SB15-2-3	T	Solid	7471A	
560-24119-39	SB16-0-0.5	T	Solid	7471A	
560-24119-40	SB16-2-3	T	Solid	7471A	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 560-55716					
560-24119-42	SB9-0-0.5	T	Solid	7471A	
560-24119-42MS	Matrix Spike	T	Solid	7471A	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	7471A	
560-24119-43	SB9-2-3	T	Solid	7471A	
560-24119-44	SB10-0-0.5	T	Solid	7471A	
560-24119-45	SB10-2-3	T	Solid	7471A	
560-24119-45MS	Matrix Spike	T	Solid	7471A	
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	7471A	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:560-55875					
LCS 560-55613/2-A	Lab Control Sample	T	Solid	6020	560-55613
MB 560-55613/1-A	Method Blank	T	Solid	6020	560-55613
LCS 560-55617/2-A	Lab Control Sample	T	Solid	6020	560-55617
MB 560-55617/1-A	Method Blank	T	Solid	6020	560-55617
560-24119-1	SB7-0-0.5	T	Solid	6020	560-55617
560-24119-2	SB7-2-3	T	Solid	6020	560-55617
560-24119-3	SB11-0-0.5	T	Solid	6020	560-55617
560-24119-4	SB11-2-3	T	Solid	6020	560-55617
560-24119-5	SB12-0-0.5	T	Solid	6020	560-55617
560-24119-6	SB12-2.3	T	Solid	6020	560-55617
560-24119-7	IDW-S	T	Solid	6020	560-55617
560-24119-9	SB5-0-0.5	T	Solid	6020	560-55617
560-24119-10	SB5-2-3	T	Solid	6020	560-55617
560-24119-11	SB6-0-0.5	T	Solid	6020	560-55617
560-24119-12	SB6-2-3	T	Solid	6020	560-55617
560-24119-13FD	SBDUP-2	T	Solid	6020	560-55617
560-24119-14FD	SBDUP-3	T	Solid	6020	560-55617
560-24119-16	SB1-0-0.5	T	Solid	6020	560-55617
560-24119-17	SB1-2-3	T	Solid	6020	560-55617
560-24119-18	SB2-0-0.5	T	Solid	6020	560-55617
560-24119-19	SB2-2-3	T	Solid	6020	560-55617
560-24119-20	SB3-0-0.5	T	Solid	6020	560-55617
560-24119-21	SB3-2-3	T	Solid	6020	560-55617
560-24119-22	SB4-0-0.5	T	Solid	6020	560-55613
560-24119-23	SB4-2-3	T	Solid	6020	560-55613
560-24119-25FD	SBDUP-1	T	Solid	6020	560-55613
560-24119-26	SB8-0-0.5	T	Solid	6020	560-55613
560-24119-27	SB8-2-3	T	Solid	6020	560-55613
560-24119-28	SB17-0-0.5	T	Solid	6020	560-55613
560-24119-29	SB17-2-3	T	Solid	6020	560-55613
560-24119-30	SB18-0-0.5	T	Solid	6020	560-55613
560-24119-31	SB18-2-3	T	Solid	6020	560-55613
560-24119-33	SB13-0-0.5	T	Solid	6020	560-55613
560-24119-34	SB13-2-3	T	Solid	6020	560-55613
560-24119-35	SB14-0-0.5	T	Solid	6020	560-55613
560-24119-36	SB14-2-3	T	Solid	6020	560-55613
560-24119-37	SB15-0-0.5	T	Solid	6020	560-55613
560-24119-38	SB15-2-3	T	Solid	6020	560-55613
560-24119-39	SB16-0-0.5	T	Solid	6020	560-55613
560-24119-40	SB16-2-3	T	Solid	6020	560-55613
560-24119-42	SB9-0-0.5	T	Solid	6020	560-55617
560-24119-42MS	Matrix Spike	T	Solid	6020	560-55617
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	6020	560-55617
560-24119-43	SB9-2-3	T	Solid	6020	560-55613
560-24119-44	SB10-0-0.5	T	Solid	6020	560-55613
560-24119-45	SB10-2-3	T	Solid	6020	560-55613

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:560-55875					
560-24119-45MS	Matrix Spike	T	Solid	6020	560-55613
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	6020	560-55613
Analysis Batch:560-55927					
560-24119-4	SB11-2-3	T	Solid	6020	560-55617
560-24119-20	SB3-0-0.5	T	Solid	6020	560-55617
560-24119-23	SB4-2-3	T	Solid	6020	560-55613
560-24119-27	SB8-2-3	T	Solid	6020	560-55613
560-24119-34	SB13-2-3	T	Solid	6020	560-55613
560-24119-38	SB15-2-3	T	Solid	6020	560-55613
560-24119-40	SB16-2-3	T	Solid	6020	560-55613

Report Basis
T = Total

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:560-55615					
560-24119-1	SB7-0-0.5	T	Solid	Moisture	
560-24119-2	SB7-2-3	T	Solid	Moisture	
560-24119-3	SB11-0-0.5	T	Solid	Moisture	
560-24119-4	SB11-2-3	T	Solid	Moisture	
560-24119-5	SB12-0-0.5	T	Solid	Moisture	
560-24119-6	SB12-2.3	T	Solid	Moisture	
560-24119-7	IDW-S	T	Solid	Moisture	
560-24119-9	SB5-0-0.5	T	Solid	Moisture	
560-24119-10	SB5-2-3	T	Solid	Moisture	
560-24119-11	SB6-0-0.5	T	Solid	Moisture	
560-24119-12	SB6-2-3	T	Solid	Moisture	
560-24119-12DU	Duplicate	T	Solid	Moisture	
560-24119-13FD	SBDUP-2	T	Solid	Moisture	
560-24119-14FD	SBDUP-3	T	Solid	Moisture	
560-24119-16	SB1-0-0.5	T	Solid	Moisture	
560-24119-17	SB1-2-3	T	Solid	Moisture	
560-24119-18	SB2-0-0.5	T	Solid	Moisture	
560-24119-19	SB2-2-3	T	Solid	Moisture	
560-24119-20	SB3-0-0.5	T	Solid	Moisture	
560-24119-21	SB3-2-3	T	Solid	Moisture	
560-24119-22	SB4-0-0.5	T	Solid	Moisture	
560-24119-23	SB4-2-3	T	Solid	Moisture	
560-24119-25FD	SBDUP-1	T	Solid	Moisture	
560-24119-26	SB8-0-0.5	T	Solid	Moisture	
560-24119-27	SB8-2-3	T	Solid	Moisture	
560-24119-28	SB17-0-0.5	T	Solid	Moisture	
560-24119-29	SB17-2-3	T	Solid	Moisture	
560-24119-30	SB18-0-0.5	T	Solid	Moisture	
560-24119-30DU	Duplicate	T	Solid	Moisture	
560-24119-31	SB18-2-3	T	Solid	Moisture	
560-24119-33	SB13-0-0.5	T	Solid	Moisture	
560-24119-34	SB13-2-3	T	Solid	Moisture	
560-24119-35	SB14-0-0.5	T	Solid	Moisture	
560-24119-36	SB14-2-3	T	Solid	Moisture	
560-24119-37	SB15-0-0.5	T	Solid	Moisture	
560-24119-38	SB15-2-3	T	Solid	Moisture	
560-24119-39	SB16-0-0.5	T	Solid	Moisture	
560-24119-40	SB16-2-3	T	Solid	Moisture	
560-24119-42	SB9-0-0.5	T	Solid	Moisture	
560-24119-42MS	Matrix Spike	T	Solid	Moisture	
560-24119-42MSD	Matrix Spike Duplicate	T	Solid	Moisture	
560-24119-43	SB9-2-3	T	Solid	Moisture	
560-24119-43DU	Duplicate	T	Solid	Moisture	
560-24119-44	SB10-0-0.5	T	Solid	Moisture	
560-24119-45	SB10-2-3	T	Solid	Moisture	
560-24119-45MS	Matrix Spike	T	Solid	Moisture	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:560-55615					
560-24119-45MSD	Matrix Spike Duplicate	T	Solid	Moisture	
Analysis Batch:560-55659					
LCS 560-55659/2	Lab Control Sample	T	Solid	9045D	
560-24119-1	SB7-0-0.5	T	Solid	9045D	
560-24119-20	SB3-0-0.5	T	Solid	9045D	
560-24119-30	SB18-0-0.5	T	Solid	9045D	
560-24119-42	SB9-0-0.5	T	Solid	9045D	
560-24119-42MSMS	Matrix Spike	T	Solid	9045D	
560-24119-42MSDMSD	Matrix Spike Duplicate	T	Solid	9045D	

Report Basis
T = Total

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Surrogate	Acceptance Limits

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
560-24119-1	SB7-0-0.5	103	112	97	83
560-24119-2	SB7-2-3	100	131	102	89
560-24119-3	SB11-0-0.5	103	136	98	91
560-24119-4	SB11-2-3	99	120	90	69
560-24119-5	SB12-0-0.5	78	112	101	95
560-24119-6	SB12-2.3	121	108	102	78
560-24119-7	IDW-S	116	126	97	79
560-24119-9	SB5-0-0.5	102	131	101	87
560-24119-10	SB5-2-3	108	113	103	87
560-24119-11	SB6-0-0.5	105	113	99	90
560-24119-12	SB6-2-3	104	108	103	95
560-24119-13	SBDUP-2	100	107	100	92
560-24119-14	SBDUP-3	103	105	104	90
560-24119-16	SB1-0-0.5	92	103	101	82
560-24119-17	SB1-2-3	109	130	98	68
560-24119-18	SB2-0-0.5	103	108	99	89
560-24119-19	SB2-2-3	114	123	99	71
560-24119-20	SB3-0-0.5	113	123	96	82
560-24119-21	SB3-2-3	134	181X	88	77
560-24119-22	SB4-0-0.5	139X	174X	90	79
560-24119-23	SB4-2-3	112	105	101	85
560-24119-25	SBDUP-1	104	115	101	79
560-24119-26	SB8-0-0.5	101	107	99	83
560-24119-27	SB8-2-3	98	108	102	87
560-24119-28	SB17-0-0.5	120	127	99	81
560-24119-29	SB17-2-3	110	115	101	86
560-24119-30	SB18-0-0.5	126	187X	90	83
560-24119-31	SB18-2-3	109	117	103	94
560-24119-33	SB13-0-0.5	101	108	99	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	63-135
DCA = 1,2-Dichloroethane-d4 (Surr)	69-136
TOL = Toluene-d8 (Surr)	66-124
BFB = 4-Bromofluorobenzene (Surr)	56-129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
560-24119-34	SB13-2-3	109	123	99	78
560-24119-35	SB14-0-0.5	46X	111	102	94
560-24119-36	SB14-2-3	84	105	94	65
560-24119-37	SB15-0-0.5	103	116	102	95
560-24119-38	SB15-2-3	103	106	101	91
560-24119-39	SB16-0-0.5	94	111	101	92
560-24119-40	SB16-2-3	121	170X	82	71
560-24119-42	SB9-0-0.5	104	109	92	85
560-24119-43	SB9-2-3	118	121	103	94
560-24119-44	SB10-0-0.5	112	125	97	74
560-24119-45	SB10-2-3	91	128	95	77
MB 560-55735/8		91	115	92	83
MB 560-55739/22-A		84	99	88	84
MB 560-55863/19-A		90	93	96	80
MB 560-55888/6		95	99	103	94
MB 560-55942/6		101	113	101	97
MB 560-55984/8		93	100	101	97
LCS 560-55735/3		95	113	90	84
LCS 560-55739/1-A		104	122	103	101
LCS 560-55863/1-A		105	103	88	93
LCS 560-55888/3		98	101	104	98
LCS 560-55942/3		103	111	107	100
LCS 560-55984/3		100	108	101	98
560-24119-33 MS	SB13-0-0.5 MS	107	110	98	94
560-24119-42 MS	SB9-0-0.5 MS	110	105	93	84
560-24119-45 MS	SB10-2-3 MS	101	126	92	83
560-24119-33 MSD	SB13-0-0.5 MSD	108	107	97	95
560-24119-42 MSD	SB9-0-0.5 MSD	168X	143X	96	92
560-24119-45 MSD	SB10-2-3 MSD	99	132	90	79

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	63-135
DCA = 1,2-Dichloroethane-d4 (Surr)	69-136
TOL = Toluene-d8 (Surr)	66-124
BFB = 4-Bromofluorobenzene (Surr)	56-129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
560-24119-1	SB7-0-0.5	71	78	76	81	93	83
560-24119-2	SB7-2-3	72	77	76	79	94	84
560-24119-3	SB11-0-0.5	74	81	80	82	93	83
560-24119-4	SB11-2-3	66	74	70	79	86	78
560-24119-5	SB12-0-0.5	70	75	76	79	92	85
560-24119-6	SB12-2.3	72	79	77	84	95	84
560-24119-7	IDW-S	72	79	77	83	100	87
560-24119-9	SB5-0-0.5	67	74	72	82	99	83
560-24119-10	SB5-2-3	67	73	72	74	90	79
560-24119-11	SB6-0-0.5	65	71	69	77	95	82
560-24119-12	SB6-2-3	74	79	78	82	98	85
560-24119-13	SBDUP-2	66	73	70	80	95	82
560-24119-14	SBDUP-3	67	72	70	75	90	80
560-24119-16	SB1-0-0.5	59	64	62	67	89	79
560-24119-17	SB1-2-3	62	69	65	75	90	78
560-24119-18	SB2-0-0.5	62	67	66	72	87	77
560-24119-19	SB2-2-3	68	74	71	80	93	82
560-24119-20	SB3-0-0.5	69	76	74	83	99	86
560-24119-21	SB3-2-3	69	74	73	79	95	83
560-24119-22	SB4-0-0.5	72	78	75	80	93	82
560-24119-23	SB4-2-3	65	71	69	74	86	75
560-24119-25	SBDUP-1	63	68	66	72	91	82
560-24119-26	SB8-0-0.5	58	64	58	71	85	82
560-24119-27	SB8-2-3	66	74	71	78	93	80
560-24119-28	SB17-0-0.5	61	68	64	71	78	75
560-24119-29	SB17-2-3	76	85	78	94	103	98
560-24119-30	SB18-0-0.5	64	70	69	75	85	77
560-24119-31	SB18-2-3	56	63	58	68	78	69
560-24119-33	SB13-0-0.5	61	67	66	75	89	78

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	53-120
PHL = Phenol-d5	59-120
NBZ = Nitrobenzene-d5	55-120
FBP = 2-Fluorobiphenyl	64-120
TBP = 2,4,6-Tribromophenol	65-120
TPH = Terphenyl-d14	67-120

S. Chatte

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
560-24119-34	SB13-2-3	64	72	71	79	89	77
560-24119-35	SB14-0-0.5	68	74	73	78	90	82
560-24119-36	SB14-2-3	61	67	66	71	84	73
560-24119-37	SB15-0-0.5	59	65	64	72	84	76
560-24119-38	SB15-2-3	66	71	70	77	87	77
560-24119-39	SB16-0-0.5	71	76	77	81	92	83
560-24119-40	SB16-2-3	67	75	72	79	92	80
560-24119-42	SB9-0-0.5	72	77	75	81	97	85
560-24119-43	SB9-2-3	68	73	72	76	93	82
560-24119-44	SB10-0-0.5	67	73	72	79	91	81
560-24119-45	SB10-2-3	61	67	65	69	80	71
MB 560-55725/1-A		72	77	77	81	92	84
MB 560-55726/1-A		78	85	82	86	93	86
LCS 560-55725/2-A		70	77	74	80	90	85
LCS 560-55726/2-A		74	81	80	86	99	92
560-24119-42 MS	SB9-0-0.5 MS	74	79	78	83	96	91
560-24119-45 MS	SB10-2-3 MS	58	64	61	68	77	72
560-24119-42 MSD	SB9-0-0.5 MSD	74	80	80	84	96	91
560-24119-45 MSD	SB10-2-3 MSD	43X	50X	47X	58X	70	67

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	53-120
PHL = Phenol-d5	59-120
NBZ = Nitrobenzene-d5	55-120
FBP = 2-Fluorobiphenyl	64-120
TBP = 2,4,6-Tribromophenol	65-120
TPH = Terphenyl-d14	67-120

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

8081B Organochlorine Pesticides by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB2 %Rec	TCX2 %Rec
560-24119-5	SB12-0-0.5	89	94
560-24119-39	SB16-0-0.5	83	88
MB 560-55842/1-A		97	92
LCS 560-55842/2-A		90	86
LCS 560-55842/3-A		94	94
LCS 560-55842/4-A		90	83

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	55-130
TCX = Tetrachloro-m-xylene	69-125

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec	1CO %Rec
560-24119-1	SB7-0-0.5	127	114
560-24119-2	SB7-2-3	125	115
560-24119-3	SB11-0-0.5	127	116
560-24119-4	SB11-2-3	130	119
560-24119-5	SB12-0-0.5	115	107
560-24119-6	SB12-2.3	112	105
560-24119-7	IDW-S	114	105
560-24119-9	SB5-0-0.5	113	106
560-24119-10	SB5-2-3	115	106
560-24119-11	SB6-0-0.5	110	105
560-24119-12	SB6-2-3	113	105
560-24119-13	SBDUP-2	114	107
560-24119-14	SBDUP-3	116	108
560-24119-16	SB1-0-0.5	117	109
560-24119-17	SB1-2-3	115	107
560-24119-18	SB2-0-0.5	115	107
560-24119-19	SB2-2-3	117	109
560-24119-20	SB3-0-0.5	114	105
560-24119-21	SB3-2-3	116	107
560-24119-22	SB4-0-0.5	124	114
560-24119-23	SB4-2-3	123	113
560-24119-25	SBDUP-1	123	115
560-24119-26	SB8-0-0.5	126	115
560-24119-27	SB8-2-3	111	104
560-24119-28	SB17-0-0.5	115	107
560-24119-29	SB17-2-3	112	105
560-24119-30	SB18-0-0.5	114	107
560-24119-31	SB18-2-3	113	106
560-24119-33	SB13-0-0.5	112	105

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130
1CO = 1-Chlorooctane (Surr)	70-130

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec	1CO %Rec
560-24119-34	SB13-2-3	112	105
560-24119-35	SB14-0-0.5	113	104
560-24119-36	SB14-2-3	115	107
560-24119-37	SB15-0-0.5	113	106
560-24119-38	SB15-2-3	116	106
560-24119-39	SB16-0-0.5	117	108
560-24119-40	SB16-2-3	119	108
560-24119-42	SB9-0-0.5	121	112
560-24119-43	SB9-2-3	119	110
560-24119-44	SB10-0-0.5	118	108
560-24119-45	SB10-2-3	124	115
MB 560-55606/1-A		127	114
MB 560-55671/1-A		116	107
LCS 560-55606/2-A		126	115
LCS 560-55671/2-A		116	111
LCSD 560-55606/3-A		121	113
LCSD 560-55671/3-A		117	113
560-24119-42 MS	SB9-0-0.5 MS	124	116
560-24119-45 MS	SB10-2-3 MS	117	112
560-24119-42 MSD	SB9-0-0.5 MSD	124	116
560-24119-45 MSD	SB10-2-3 MSD	121	116

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130
1CO = 1-Chlorooctane (Surr)	70-130

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate Recovery Report

TX 1006 Texas - Total Petroleum Hydrocarbon Fractions (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec	1CO %Rec
MB 560-55671/1-B		0	57
MB 560-55671/1-B		57	21
LCS 560-55671/2-B		0	55
LCS 560-55671/2-B		92	28
LCSD 560-55671/3-B		0	31
LCSD 560-55671/3-B		71	44

Surrogate	Acceptance Limits

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55630

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 560-55630/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/25/2011 1355
Date Prepared: 01/25/2011 1355

Analysis Batch: 560-55630
Prep Batch: N/A
Units: ug/L

Instrument ID: VGCMS#1
Lab File ID: 01251109.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.429	U	0.429	5.00
Chloromethane	0.390	U	0.390	5.00
Vinyl chloride	0.200	U	0.200	1.00
Bromomethane	0.392	U	0.392	5.00
Chloroethane	0.400	U	0.400	5.00
Trichlorofluoromethane	0.244	U	0.244	1.00
Ethyl ether	0.200	U	0.200	1.00
1,1-Dichloroethene	0.200	U	0.200	1.00
Carbon disulfide	0.200	U	0.200	5.00
Iodomethane	0.223	U	0.223	1.00
Methylene Chloride	1.20	U	1.20	5.00
Acetone	5.00	U	5.00	10.0
trans-1,2-Dichloroethene	0.200	U	0.200	1.00
Methyl tert-butyl ether	0.200	U	0.200	1.00
Acetonitrile	2.16	U	2.16	50.0
1,1-Dichloroethane	0.200	U	0.200	1.00
Vinyl acetate	0.200	U	0.200	5.00
cis-1,2-Dichloroethene	0.200	U	0.200	1.00
2,2-Dichloropropane	0.335	U	0.335	1.00
Chloroform	0.200	U	0.200	1.00
Ethyl acetate	0.300	U	0.300	5.00
Carbon tetrachloride	0.251	U	0.251	1.00
1,1,1-Trichloroethane	0.200	U	0.200	1.00
1,1-Dichloropropene	0.200	U	0.200	1.00
Benzene	0.200	U	0.200	1.00
1,2-Dichloroethane	0.200	U	0.200	1.00
Trichloroethene	0.317	U	0.317	1.00
Dibromomethane	0.200	U	0.200	1.00
1,2-Dichloropropane	0.200	U	0.200	1.00
Dichlorobromomethane	0.200	U	0.200	1.00
Methyl methacrylate	0.200	U	0.200	5.00
1,4-Dioxane	7.46	U	7.46	100
cis-1,3-Dichloropropene	0.200	U	0.200	1.00
Toluene	0.200	U	0.200	1.00
2-Nitropropane	0.225	U	0.225	5.00
4-Methyl-2-pentanone (MIBK)	0.200	U	0.200	5.00
trans-1,3-Dichloropropene	0.200	U	0.200	1.00
Tetrachloroethene	0.200	U	0.200	1.00
Ethyl methacrylate	0.200	U	0.200	5.00
1,1,2-Trichloroethane	0.200	U	0.200	1.00
Chlorodibromomethane	0.223	U	0.223	1.00
1,3-Dichloropropane	0.200	U	0.200	1.00
Ethylene Dibromide	0.200	U	0.200	1.00

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55630

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 560-55630/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/25/2011 1355
Date Prepared: 01/25/2011 1355

Analysis Batch: 560-55630
Prep Batch: N/A
Units: ug/L

Instrument ID: VGCMS#1
Lab File ID: 01251109.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	0.200	U	0.200	5.00
Chlorobenzene	0.200	U	0.200	1.00
Ethylbenzene	0.200	U	0.200	1.00
Bromoform	0.200	U	0.200	5.00
Styrene	0.200	U	0.200	1.00
1,1,2,2-Tetrachloroethane	0.200	U	0.200	1.00
1,2,3-Trichloropropane	0.200	U	0.200	1.00
1,3,5-Trimethylbenzene	0.200	U	0.200	1.00
1,2,4-Trimethylbenzene	0.200	U	0.200	1.00
1,2,3-Trichlorobenzene	0.217	U	0.217	5.00
2-Butanone (MEK)	0.474	U	0.474	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.278	U	0.278	1.00
Xylenes, Total	0.226	U	0.226	3.00

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	103	75 - 126
1,2-Dichloroethane-d4 (Surr)	98	75 - 123
Toluene-d8 (Surr)	96	80 - 120
4-Bromofluorobenzene (Surr)	105	80 - 120

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55630

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 560-55630/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/25/2011 1146
Date Prepared: 01/25/2011 1146

Analysis Batch: 560-55630
Prep Batch: N/A
Units: ug/L

Instrument ID: VGCMS#1
Lab File ID: 01251104.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	51.58	103	43 - 140	
Chloromethane	50.0	49.87	100	54 - 146	
Vinyl chloride	50.0	45.87	92	60 - 142	
Bromomethane	50.0	50.49	101	58 - 149	
Chloroethane	50.0	53.28	107	58 - 135	
Trichlorofluoromethane	50.0	42.77	86	64 - 143	
Ethyl ether	50.0	45.03	90	75 - 130	
1,1-Dichloroethene	50.0	44.77	90	72 - 126	
Carbon disulfide	50.0	51.86	104	71 - 147	
Iodomethane	50.0	52.08	104	72 - 152	
Methylene Chloride	50.0	46.87	94	76 - 122	
Acetone	50.0	43.39	87	47 - 161	
trans-1,2-Dichloroethene	50.0	46.61	93	75 - 128	
Methyl tert-butyl ether	50.0	46.36	93	74 - 130	
Acetonitrile	500	469.1	94	22 - 189	
1,1-Dichloroethane	50.0	44.77	90	75 - 125	
Vinyl acetate	50.0	57.79	116	70 - 168	
cis-1,2-Dichloroethene	50.0	45.88	92	73 - 123	
2,2-Dichloropropane	50.0	47.90	96	71 - 135	
Chloroform	50.0	47.81	96	76 - 124	
Ethyl acetate	50.0	48.58	97	70 - 153	
Carbon tetrachloride	50.0	48.91	98	74 - 132	
1,1,1-Trichloroethane	50.0	47.30	95	77 - 127	
1,1-Dichloropropene	50.0	46.75	94	71 - 120	
Benzene	50.0	45.20	90	80 - 120	
1,2-Dichloroethane	50.0	45.34	91	75 - 122	
Trichloroethene	50.0	47.51	95	78 - 120	
Dibromomethane	50.0	45.77	92	80 - 120	
1,2-Dichloropropane	50.0	44.69	89	80 - 120	
Dichlorobromomethane	50.0	46.09	92	80 - 122	
Methyl methacrylate	50.0	44.38	89	74 - 122	
1,4-Dioxane	1000	1074	107	33 - 177	
cis-1,3-Dichloropropene	50.0	46.40	93	69 - 120	
Toluene	50.0	46.50	93	80 - 120	
2-Nitropropane	50.0	23.23	46	45 - 147	
4-Methyl-2-pentanone (MIBK)	50.0	44.22	88	68 - 130	
trans-1,3-Dichloropropene	50.0	43.56	87	70 - 134	
Tetrachloroethene	50.0	42.70	85	74 - 120	
Ethyl methacrylate	50.0	47.89	96	79 - 123	
1,1,2-Trichloroethane	50.0	48.61	97	80 - 120	
Chlorodibromomethane	50.0	48.27	97	69 - 121	
1,3-Dichloropropane	50.0	47.05	94	80 - 120	
Ethylene Dibromide	50.0	48.58	97	80 - 121	
2-Hexanone	50.0	47.29	95	66 - 129	

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55630

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 560-55630/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/25/2011 1146
Date Prepared: 01/25/2011 1146

Analysis Batch: 560-55630
Prep Batch: N/A
Units: ug/L

Instrument ID: VGCMS#1
Lab File ID: 01251104.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	47.52	95	77 - 120	
Ethylbenzene	50.0	47.08	94	80 - 120	
Bromoform	50.0	46.66	93	64 - 120	
Styrene	50.0	46.37	93	75 - 120	
1,1,2,2-Tetrachloroethane	50.0	43.38	87	72 - 120	
1,2,3-Trichloropropane	50.0	45.83	92	76 - 131	
1,3,5-Trimethylbenzene	50.0	45.21	90	74 - 120	
1,2,4-Trimethylbenzene	50.0	44.73	89	74 - 120	
1,2,3-Trichlorobenzene	50.0	46.34	93	66 - 127	
2-Butanone (MEK)	50.0	44.93	90	58 - 139	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	40.97	82	62 - 136	
Xylenes, Total	150	141.3	94	78 - 120	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	99	75 - 126
1,2-Dichloroethane-d4 (Surr)	93	75 - 123
Toluene-d8 (Surr)	99	80 - 120
4-Bromofluorobenzene (Surr)	100	80 - 120

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55735

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55735/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1302
Date Prepared: N/A

Analysis Batch: 560-55735
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01271108.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.730	U	0.730	5.00
Chloromethane	1.20	U	1.20	5.00
Vinyl chloride	0.600	U	0.600	5.00
Bromomethane	1.10	U	1.10	5.00
Chloroethane	0.260	U	0.260	5.00
Trichlorofluoromethane	0.500	U	0.500	5.00
Ethyl ether	0.200	U	0.200	5.00
1,1-Dichloroethene	0.200	U	0.200	5.00
Carbon disulfide	0.730	U	0.730	5.00
Iodomethane	0.800	U	0.800	5.00
Methylene Chloride	5.00	U	5.00	25.0
Acetone	7.20	U	7.20	25.0
trans-1,2-Dichloroethene	0.500	U	0.500	5.00
Methyl tert-butyl ether	0.610	U	0.610	5.00
Acetonitrile	37.0	U	37.0	50.0
1,1-Dichloroethane	0.590	U	0.590	5.00
Vinyl acetate	1.10	U	1.10	5.00
cis-1,2-Dichloroethene	0.570	U	0.570	5.00
2,2-Dichloropropane	0.840	U	0.840	5.00
Chloroform	0.870	U	0.870	5.00
Ethyl acetate	1.20	U	1.20	5.00
Carbon tetrachloride	0.510	U	0.510	5.00
1,1,1-Trichloroethane	0.700	U	0.700	5.00
1,1-Dichloropropene	0.520	U	0.520	5.00
Benzene	0.230	U	0.230	5.00
1,2-Dichloroethane	0.520	U	0.520	5.00
Trichloroethene	0.280	U	0.280	5.00
Dibromomethane	0.710	U	0.710	5.00
1,2-Dichloropropane	0.200	U	0.200	5.00
Dichlorobromomethane	0.200	U	0.200	5.00
Methyl methacrylate	1.10	U	1.10	5.00
1,4-Dioxane	40.0	U	40.0	100
cis-1,3-Dichloropropene	0.200	U	0.200	5.00
Toluene	0.560	U	0.560	5.00
2-Nitropropane	0.520	U	0.520	5.00
4-Methyl-2-pentanone (MIBK)	0.930	U	0.930	5.00
trans-1,3-Dichloropropene	0.520	U	0.520	5.00
Tetrachloroethene	0.740	U	0.740	5.00
Ethyl methacrylate	0.510	U	0.510	5.00
1,1,2-Trichloroethane	0.500	U	0.500	5.00
Chlorodibromomethane	0.640	U	0.640	5.00
1,3-Dichloropropane	0.240	U	0.240	5.00
Ethylene Dibromide	0.200	U	0.200	5.00

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55735

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55735/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1302
Date Prepared: N/A

Analysis Batch: 560-55735
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01271108.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1.20	U	1.20	5.00
Chlorobenzene	0.230	U	0.230	5.00
Ethylbenzene	0.220	U	0.220	5.00
Bromoform	0.510	U	0.510	5.00
Styrene	0.200	U	0.200	5.00
1,1,2,2-Tetrachloroethane	0.380	U	0.380	5.00
1,2,3-Trichloropropane	0.760	U	0.760	5.00
1,3,5-Trimethylbenzene	0.210	U	0.210	5.00
1,2,4-Trimethylbenzene	0.200	U	0.200	5.00
1,2,3-Trichlorobenzene	0.440	U	0.440	5.00
2-Butanone (MEK)	1.00	U	1.00	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.670	U	0.670	5.00
Xylenes, Total	0.360	U	0.360	15.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	91	63 - 135
1,2-Dichloroethane-d4 (Surr)	115	69 - 136
Toluene-d8 (Surr)	92	66 - 124
4-Bromofluorobenzene (Surr)	83	56 - 129

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55735

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55735/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1045
Date Prepared: N/A

Analysis Batch: 560-55735
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01271103.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	57.06	114	35 - 135	
Chloromethane	50.0	61.61	123	52 - 134	
Vinyl chloride	50.0	60.05	120	59 - 137	
Bromomethane	50.0	55.62	111	61 - 138	
Chloroethane	50.0	61.21	122	54 - 132	
Trichlorofluoromethane	50.0	54.50	109	70 - 140	
Ethyl ether	50.0	56.08	112	67 - 128	
1,1-Dichloroethene	50.0	58.60	117	66 - 128	
Carbon disulfide	50.0	63.31	127	68 - 146	
Iodomethane	50.0	58.89	118	77 - 139	
Methylene Chloride	50.0	56.79	114	70 - 126	
Acetone	50.0	65.78	132	47 - 161	
trans-1,2-Dichloroethene	50.0	60.57	121	68 - 131	
Methyl tert-butyl ether	50.0	58.21	116	62 - 136	
Acetonitrile	500	505.5	101	28 - 154	
1,1-Dichloroethane	50.0	56.58	113	68 - 127	
Vinyl acetate	50.0	68.80	138	66 - 170	
cis-1,2-Dichloroethene	50.0	56.85	114	67 - 124	
2,2-Dichloropropane	50.0	55.85	112	67 - 136	
Chloroform	50.0	55.24	110	74 - 124	
Ethyl acetate	50.0	60.36	121	62 - 148	
Carbon tetrachloride	50.0	55.99	112	67 - 131	
1,1,1-Trichloroethane	50.0	55.88	112	76 - 125	
1,1-Dichloropropene	50.0	57.10	114	61 - 125	
Benzene	50.0	53.05	106	79 - 120	
1,2-Dichloroethane	50.0	54.30	109	76 - 120	
Trichloroethene	50.0	53.00	106	76 - 121	
Dibromomethane	50.0	54.54	109	76 - 120	
1,2-Dichloropropane	50.0	54.76	110	78 - 120	
Dichlorobromomethane	50.0	53.01	106	80 - 120	
Methyl methacrylate	50.0	55.63	111	70 - 122	
1,4-Dioxane	1000	864.7	86	47 - 149	
cis-1,3-Dichloropropene	50.0	53.48	107	68 - 120	
Toluene	50.0	50.53	101	79 - 120	
2-Nitropropane	50.0	50.63	101	64 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	62.51	125	69 - 127	
trans-1,3-Dichloropropene	50.0	51.73	103	70 - 133	
Tetrachloroethene	50.0	48.45	97	66 - 129	
Ethyl methacrylate	50.0	61.98	124	77 - 126	
1,1,2-Trichloroethane	50.0	52.73	105	76 - 121	
Chlorodibromomethane	50.0	51.90	104	69 - 126	
1,3-Dichloropropane	50.0	53.01	106	78 - 120	
Ethylene Dibromide	50.0	52.72	105	71 - 126	
2-Hexanone	50.0	61.71	123	70 - 133	

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55735

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55735/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1045
Date Prepared: N/A

Analysis Batch: 560-55735
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01271103.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	52.51	105	74 - 122	
Ethylbenzene	50.0	53.36	107	76 - 120	
Bromoform	50.0	45.55	91	56 - 136	
Styrene	50.0	48.13	96	74 - 132	
1,1,2,2-Tetrachloroethane	50.0	53.05	106	72 - 120	
1,2,3-Trichloropropane	50.0	55.73	111	78 - 133	
1,3,5-Trimethylbenzene	50.0	56.49	113	76 - 121	
1,2,4-Trimethylbenzene	50.0	56.98	114	75 - 120	
1,2,3-Trichlorobenzene	50.0	51.08	102	69 - 127	
2-Butanone (MEK)	50.0	56.17	112	54 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.61	109	66 - 128	
Xylenes, Total	150	160.6	107	77 - 123	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	95	63 - 135
1,2-Dichloroethane-d4 (Surr)	113	69 - 136
Toluene-d8 (Surr)	90	66 - 124
4-Bromofluorobenzene (Surr)	84	56 - 129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55739

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 560-55739/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1628
Date Prepared: 01/26/2011 0814

Analysis Batch: 560-55687
Prep Batch: 560-55739
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01261109.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.730	U	0.730	5.00
Chloromethane	1.20	U	1.20	5.00
Vinyl chloride	0.600	U	0.600	5.00
Bromomethane	1.10	U	1.10	5.00
Chloroethane	0.260	U	0.260	5.00
Trichlorofluoromethane	0.500	U	0.500	5.00
Ethyl ether	0.200	U	0.200	5.00
1,1-Dichloroethene	0.200	U	0.200	5.00
Carbon disulfide	0.730	U	0.730	5.00
Iodomethane	0.800	U	0.800	5.00
Methylene Chloride	5.00	U	5.00	25.0
Acetone	7.20	U	7.20	25.0
trans-1,2-Dichloroethene	0.500	U	0.500	5.00
Methyl tert-butyl ether	0.610	U	0.610	5.00
Acetonitrile	37.0	U	37.0	50.0
1,1-Dichloroethane	0.590	U	0.590	5.00
Vinyl acetate	1.10	U	1.10	5.00
cis-1,2-Dichloroethene	0.570	U	0.570	5.00
2,2-Dichloropropane	0.840	U	0.840	5.00
Chloroform	0.870	U	0.870	5.00
Ethyl acetate	1.20	U	1.20	5.00
Carbon tetrachloride	0.510	U	0.510	5.00
1,1,1-Trichloroethane	0.700	U	0.700	5.00
1,1-Dichloropropene	0.520	U	0.520	5.00
Benzene	0.230	U	0.230	5.00
1,2-Dichloroethane	0.520	U	0.520	5.00
Trichloroethene	0.280	U	0.280	5.00
Dibromomethane	0.710	U	0.710	5.00
1,2-Dichloropropane	0.200	U	0.200	5.00
Dichlorobromomethane	0.200	U	0.200	5.00
Methyl methacrylate	1.10	U	1.10	5.00
1,4-Dioxane	40.0	U	40.0	100
cis-1,3-Dichloropropene	0.200	U	0.200	5.00
Toluene	0.560	U	0.560	5.00
2-Nitropropane	0.520	U	0.520	5.00
4-Methyl-2-pentanone (MIBK)	0.930	U	0.930	5.00
trans-1,3-Dichloropropene	0.520	U	0.520	5.00
Tetrachloroethene	0.740	U	0.740	5.00
Ethyl methacrylate	0.510	U	0.510	5.00
1,1,2-Trichloroethane	0.500	U	0.500	5.00
Chlorodibromomethane	0.640	U	0.640	5.00
1,3-Dichloropropane	0.240	U	0.240	5.00
Ethylene Dibromide	0.200	U	0.200	5.00

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55739

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 560-55739/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1628
Date Prepared: 01/26/2011 0814

Analysis Batch: 560-55687
Prep Batch: 560-55739
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01261109.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1.20	U	1.20	5.00
Chlorobenzene	0.230	U	0.230	5.00
Ethylbenzene	0.220	U	0.220	5.00
Bromoform	0.510	U	0.510	5.00
Styrene	0.200	U	0.200	5.00
1,1,2,2-Tetrachloroethane	0.380	U	0.380	5.00
1,2,3-Trichloropropane	0.760	U	0.760	5.00
1,3,5-Trimethylbenzene	0.210	U	0.210	5.00
1,2,4-Trimethylbenzene	0.200	U	0.200	5.00
1,2,3-Trichlorobenzene	0.4642	J	0.440	5.00
2-Butanone (MEK)	1.00	U	1.00	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.670	U	0.670	5.00
Xylenes, Total	0.360	U	0.360	15.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	84	63 - 135
1,2-Dichloroethane-d4 (Surr)	99	69 - 136
Toluene-d8 (Surr)	88	66 - 124
4-Bromofluorobenzene (Surr)	84	56 - 129

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55739

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 560-55739/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1416
Date Prepared: 01/26/2011 0814

Analysis Batch: 560-55687
Prep Batch: 560-55739
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01261105.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	58.83	118	35 - 135	
Chloromethane	50.0	59.10	118	52 - 134	
Vinyl chloride	50.0	54.94	110	59 - 137	
Bromomethane	50.0	53.21	106	61 - 138	
Chloroethane	50.0	56.28	113	54 - 132	
Trichlorofluoromethane	50.0	50.85	102	70 - 140	
Ethyl ether	50.0	51.21	102	67 - 128	
1,1-Dichloroethene	50.0	52.47	105	66 - 128	
Carbon disulfide	50.0	59.65	119	68 - 146	
Iodomethane	50.0	58.62	117	77 - 139	
Methylene Chloride	50.0	51.68	103	70 - 126	
Acetone	50.0	59.75	120	47 - 161	
trans-1,2-Dichloroethene	50.0	53.16	106	68 - 131	
Methyl tert-butyl ether	50.0	57.51	115	62 - 136	
Acetonitrile	500	551.4	110	28 - 154	
1,1-Dichloroethane	50.0	50.40	101	68 - 127	
Vinyl acetate	50.0	62.80	126	66 - 170	
cis-1,2-Dichloroethene	50.0	49.38	99	67 - 124	
2,2-Dichloropropane	50.0	50.98	102	67 - 136	
Chloroform	50.0	50.68	101	74 - 124	
Ethyl acetate	50.0	60.19	120	62 - 148	
Carbon tetrachloride	50.0	50.87	102	67 - 131	
1,1,1-Trichloroethane	50.0	51.13	102	76 - 125	
1,1-Dichloropropene	50.0	49.42	99	61 - 125	
Benzene	50.0	49.11	98	79 - 120	
1,2-Dichloroethane	50.0	47.54	95	76 - 120	
Trichloroethene	50.0	49.77	100	76 - 121	
Dibromomethane	50.0	52.29	105	76 - 120	
1,2-Dichloropropane	50.0	49.26	99	78 - 120	
Dichlorobromomethane	50.0	49.34	99	80 - 120	
Methyl methacrylate	50.0	52.85	106	70 - 122	
1,4-Dioxane	1000	853.7	85	47 - 149	
cis-1,3-Dichloropropene	50.0	48.58	97	68 - 120	
Toluene	50.0	46.09	92	79 - 120	
2-Nitropropane	50.0	49.16	98	64 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	60.58	121	69 - 127	
trans-1,3-Dichloropropene	50.0	47.81	96	70 - 133	
Tetrachloroethene	50.0	46.26	93	66 - 129	
Ethyl methacrylate	50.0	61.55	123	77 - 126	
1,1,2-Trichloroethane	50.0	51.65	103	76 - 121	
Chlorodibromomethane	50.0	51.33	103	69 - 126	
1,3-Dichloropropane	50.0	51.16	102	78 - 120	
Ethylene Dibromide	50.0	51.43	103	71 - 126	
2-Hexanone	50.0	69.61	139	70 - 133	

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55739

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 560-55739/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1416
Date Prepared: 01/26/2011 0814

Analysis Batch: 560-55687
Prep Batch: 560-55739
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 01261105.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	49.40	99	74 - 122	
Ethylbenzene	50.0	48.81	98	76 - 120	
Bromoform	50.0	47.05	94	56 - 136	
Styrene	50.0	44.71	89	74 - 132	
1,1,2,2-Tetrachloroethane	50.0	48.40	97	72 - 120	
1,2,3-Trichloropropane	50.0	50.36	101	78 - 133	
1,3,5-Trimethylbenzene	50.0	47.96	96	76 - 121	
1,2,4-Trimethylbenzene	50.0	49.34	99	75 - 120	
1,2,3-Trichlorobenzene	50.0	57.59	115	69 - 127	
2-Butanone (MEK)	50.0	53.93	108	54 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.03	108	66 - 128	
Xylenes, Total	150	147.7	98	77 - 123	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	104	63 - 135
1,2-Dichloroethane-d4 (Surr)	122	69 - 136
Toluene-d8 (Surr)	103	66 - 124
4-Bromofluorobenzene (Surr)	101	56 - 129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55770

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-45	Analysis Batch:	560-55735	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55770	Lab File ID:	01271110.D
Dilution:	1.0			Initial Weight/Volume:	5.01 g
Date Analyzed:	01/27/2011 1356			Final Weight/Volume:	5 mL
Date Prepared:	01/27/2011 0816				

MSD Lab Sample ID:	560-24119-45	Analysis Batch:	560-55735	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55770	Lab File ID:	01271111.D
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Date Analyzed:	01/27/2011 1421			Final Weight/Volume:	5 mL
Date Prepared:	01/27/2011 0816				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	114	108	21 - 132	6.2	30.0		
Chloromethane	137	133	47 - 138	3.8	30.0		
Vinyl chloride	129	121	54 - 132	6.7	30.0		
Bromomethane	119	116	56 - 146	3.4	30.0		
Chloroethane	135	128	52 - 136	6.1	30.0		
Trichlorofluoromethane	111	101	56 - 127	10.4	30.0		
Ethyl ether	126	130	57 - 150	2.3	30.0		
1,1-Dichloroethene	117	106	56 - 124	10.8	30.0		
Carbon disulfide	128	107	60 - 135	18.1	30.0		
Iodomethane	121	114	69 - 147	6.7	30.0		
Methylene Chloride	120	118	59 - 145	2.4	30.0		
Acetone	145	181	24 - 200	21.1	30.0		
trans-1,2-Dichloroethene	118	107	62 - 130	10.3	30.0		
Methyl tert-butyl ether	142	145	45 - 166	1.1	30.0		
Acetonitrile	119	143	10 - 178	17.4	30.0		
1,1-Dichloroethane	115	110	64 - 132	5.3	30.0		
Vinyl acetate	9	8	10 - 200	15.1	30.0	J N	J N
cis-1,2-Dichloroethene	112	106	60 - 133	6.6	30.0		
2,2-Dichloropropane	113	101	61 - 128	11.5	30.0		
Chloroform	113	107	68 - 132	6.6	30.0		
Ethyl acetate	111	71	10 - 197	44.6	30.0		N
Carbon tetrachloride	110	92	65 - 120	19.0	30.0		
1,1,1-Trichloroethane	111	98	66 - 120	13.4	30.0		
1,1-Dichloropropene	106	91	58 - 120	16.7	30.0		
Benzene	101	93	69 - 120	8.8	30.0		
1,2-Dichloroethane	115	115	67 - 130	1.2	30.0		
Trichloroethene	96	83	65 - 120	14.8	30.0		
Dibromomethane	118	116	70 - 130	2.0	30.0		
1,2-Dichloropropane	109	105	71 - 123	4.3	30.0		
Dichlorobromomethane	106	105	70 - 130	1.6	30.0		
Methyl methacrylate	144	161	48 - 161	10.8	30.0		
1,4-Dioxane	127	134	36 - 186	4.8	30.0		

S. Chame

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55770

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-45	Analysis Batch:	560-55735	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55770	Lab File ID:	01271110.D
Dilution:	1.0			Initial Weight/Volume:	5.01 g
Date Analyzed:	01/27/2011 1356			Final Weight/Volume:	5 mL
Date Prepared:	01/27/2011 0816				

MSD Lab Sample ID:	560-24119-45	Analysis Batch:	560-55735	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55770	Lab File ID:	01271111.D
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Date Analyzed:	01/27/2011 1421			Final Weight/Volume:	5 mL
Date Prepared:	01/27/2011 0816				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	107	103	60 - 120	4.0	30.0		
Toluene	92	83	66 - 120	12.0	30.0		
2-Nitropropane	229	220	55 - 131	4.6	30.0	N	N
4-Methyl-2-pentanone (MIBK)	161	171	60 - 136	5.2	30.0	N	N
trans-1,3-Dichloropropene	105	105	70 - 138	1.0	30.0		
Tetrachloroethene	81	68	43 - 137	18.1	30.0		
Ethyl methacrylate	109	98	10 - 170	11.7	30.0		
1,1,2-Trichloroethane	121	120	69 - 122	1.2	30.0		
Chlorodibromomethane	109	109	64 - 120	1.0	30.0		
1,3-Dichloropropane	117	120	71 - 120	1.8	30.0		
Ethylene Dibromide	116	117	68 - 130	1.0	30.0		
2-Hexanone	165	177	56 - 138	6.2	30.0	N	N
Chlorobenzene	93	84	69 - 120	11.3	30.0		
Ethylbenzene	93	79	61 - 130	16.4	30.0		
Bromoform	104	100	54 - 123	4.3	30.0		
Styrene	81	71	63 - 120	13.8	30.0		
1,1,2,2-Tetrachloroethane	151	158	54 - 133	4.0	30.0	N	N
1,2,3-Trichloropropane	146	165	69 - 147	11.3	30.0		N
1,3,5-Trimethylbenzene	100	85	57 - 120	16.7	30.0		
1,2,4-Trimethylbenzene	101	85	62 - 120	17.5	30.0		
1,2,3-Trichlorobenzene	72	51	11 - 130	35.9	30.0		N
2-Butanone (MEK)	136	153	46 - 155	11.0	30.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	109	98	58 - 120	12.1	30.0		
Xylenes, Total	93	79	61 - 120	17.8	30.0		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Dibromofluoromethane (Surr)	101	99	63 - 135
1,2-Dichloroethane-d4 (Surr)	126	132	69 - 136
Toluene-d8 (Surr)	92	90	66 - 124
4-Bromofluorobenzene (Surr)	83	79	56 - 129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55770

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-45	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/27/2011 1356		
Date Prepared:	01/27/2011 0816		

MSD Lab Sample ID:	560-24119-45	
Client Matrix:	Solid	
Dilution:	1.0	
Date Analyzed:	01/27/2011 1421	
Date Prepared:	01/27/2011 0816	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	0.791	U	54.9	54.5	62.52		58.79	
Chloromethane	1.30	U	54.9	54.5	75.00		72.22	
Vinyl chloride	0.651	U	54.9	54.5	70.55		65.98	
Bromomethane	1.19	U	54.9	54.5	65.23		63.05	
Chloroethane	0.282	U	54.9	54.5	74.08		69.70	
Trichlorofluoromethane	0.542	U	54.9	54.5	61.01		54.98	
Ethyl ether	0.217	U	54.9	54.5	69.43		71.07	
1,1-Dichloroethene	0.442	J	54.9	54.5	64.61		57.97	
Carbon disulfide	0.791	U	54.9	54.5	70.18		58.51	
Iodomethane	0.867	U	54.9	54.5	66.53		62.24	
Methylene Chloride	5.42	U	54.9	54.5	65.96		64.39	
Acetone	7.81	U	54.9	54.5	79.80		98.60	
trans-1,2-Dichloroethene	0.542	U	54.9	54.5	64.66		58.31	
Methyl tert-butyl ether	0.661	U	54.9	54.5	77.85		78.74	
Acetonitrile	40.1	U	549	545	654.2		778.8	
1,1-Dichloroethane	0.640	U	54.9	54.5	63.35		60.09	
Vinyl acetate	1.19	U	54.9	54.5	4.935	J N	4.241	J N
cis-1,2-Dichloroethene	0.618	U	54.9	54.5	61.52		57.58	
2,2-Dichloropropane	0.911	U	54.9	54.5	62.01		55.28	
Chloroform	0.943	U	54.9	54.5	62.22		58.27	
Ethyl acetate	1.30	U	54.9	54.5	60.85		38.65	N
Carbon tetrachloride	0.553	U	54.9	54.5	60.38		49.91	
1,1,1-Trichloroethane	0.759	U	54.9	54.5	60.76		53.12	
1,1-Dichloropropene	0.564	U	54.9	54.5	58.34		49.33	
Benzene	0.249	U	54.9	54.5	55.60		50.93	
1,2-Dichloroethane	0.564	U	54.9	54.5	63.14		62.41	
Trichloroethene	0.304	U	54.9	54.5	52.71		45.45	
Dibromomethane	0.770	U	54.9	54.5	64.55		63.25	
1,2-Dichloropropane	0.217	U	54.9	54.5	59.88		57.37	
Dichlorobromomethane	0.217	U	54.9	54.5	58.34		57.40	
Methyl methacrylate	1.19	U	54.9	54.5	78.85		87.89	
1,4-Dioxane	43.4	U	1100	1090	1391		1460	
cis-1,3-Dichloropropene	0.217	U	54.9	54.5	58.50		56.21	
Toluene	0.607	U	54.9	54.5	50.69		44.95	
2-Nitropropane	0.564	U	54.9	54.5	125.7	N	120.0	N
4-Methyl-2-pentanone (MIBK)	1.01	U	54.9	54.5	88.48	N	93.22	N
trans-1,3-Dichloropropene	0.564	U	54.9	54.5	57.63		57.33	
Tetrachloroethene	0.802	U	54.9	54.5	44.20		36.87	
Ethyl methacrylate	0.553	U	54.9	54.5	59.80		53.17	
1,1,2-Trichloroethane	0.542	U	54.9	54.5	66.25		65.47	
Chlorodibromomethane	0.694	U	54.9	54.5	59.86		59.47	

S. Chaile
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55770

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-45	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/27/2011 1356		
Date Prepared:	01/27/2011 0816		

MSD Lab Sample ID:	560-24119-45	
Client Matrix:	Solid	
Dilution:	1.0	
Date Analyzed:	01/27/2011 1421	
Date Prepared:	01/27/2011 0816	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,3-Dichloropropane	0.260	U	54.9	54.5	64.29		65.44	
Ethylene Dibromide	0.217	U	54.9	54.5	63.50		64.01	
2-Hexanone	1.30	U	54.9	54.5	90.48	N	96.28	N
Chlorobenzene	0.249	U	54.9	54.5	51.04		45.57	
Ethylbenzene	0.239	U	54.9	54.5	50.81		43.10	
Bromoform	0.553	U	54.9	54.5	57.11		54.69	
Styrene	0.217	U	54.9	54.5	44.26		38.54	
1,1,2,2-Tetrachloroethane	0.412	U	54.9	54.5	82.94	N	86.33	N
1,2,3-Trichloropropane	0.824	U	54.9	54.5	80.30		89.96	N
1,3,5-Trimethylbenzene	0.228	U	54.9	54.5	54.86		46.41	
1,2,4-Trimethylbenzene	0.217	U	54.9	54.5	55.52		46.58	
1,2,3-Trichlorobenzene	0.477	U	54.9	54.5	39.72		27.62	N
2-Butanone (MEK)	1.08	U	54.9	54.5	74.78		83.45	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.726	U	54.9	54.5	59.97		53.15	
Xylenes, Total	0.390	U	165	163	153.6		128.5	

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55863

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 560-55863/19-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/31/2011 1527
Date Prepared: 01/31/2011 0802

Analysis Batch: 560-55851
Prep Batch: 560-55863
Units: ug/Kg

Instrument ID: VGCMS#4
Lab File ID: 0131110010.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.730	U	0.730	5.00
Chloromethane	1.20	U	1.20	5.00
Vinyl chloride	0.600	U	0.600	5.00
Bromomethane	1.10	U	1.10	5.00
Chloroethane	0.260	U	0.260	5.00
Trichlorofluoromethane	0.500	U	0.500	5.00
Ethyl ether	0.200	U	0.200	5.00
1,1-Dichloroethene	0.200	U	0.200	5.00
Carbon disulfide	0.730	U	0.730	5.00
Iodomethane	0.800	U	0.800	5.00
Methylene Chloride	5.00	U	5.00	25.0
Acetone	7.20	U	7.20	25.0
trans-1,2-Dichloroethene	0.500	U	0.500	5.00
Methyl tert-butyl ether	0.610	U	0.610	5.00
Acetonitrile	37.0	U	37.0	50.0
1,1-Dichloroethane	0.590	U	0.590	5.00
Vinyl acetate	1.10	U	1.10	5.00
cis-1,2-Dichloroethene	0.570	U	0.570	5.00
2,2-Dichloropropane	0.840	U	0.840	5.00
Chloroform	0.870	U	0.870	5.00
Ethyl acetate	1.20	U	1.20	5.00
Carbon tetrachloride	0.510	U	0.510	5.00
1,1,1-Trichloroethane	0.700	U	0.700	5.00
1,1-Dichloropropene	0.520	U	0.520	5.00
Benzene	0.230	U	0.230	5.00
1,2-Dichloroethane	0.520	U	0.520	5.00
Trichloroethene	0.280	U	0.280	5.00
Dibromomethane	0.710	U	0.710	5.00
1,2-Dichloropropane	0.200	U	0.200	5.00
Dichlorobromomethane	0.200	U	0.200	5.00
Methyl methacrylate	1.10	U	1.10	5.00
1,4-Dioxane	40.0	U	40.0	100
cis-1,3-Dichloropropene	0.200	U	0.200	5.00
Toluene	0.560	U	0.560	5.00
2-Nitropropane	0.520	U	0.520	5.00
4-Methyl-2-pentanone (MIBK)	0.930	U	0.930	5.00
trans-1,3-Dichloropropene	0.520	U	0.520	5.00
Tetrachloroethene	0.740	U	0.740	5.00
Ethyl methacrylate	0.510	U	0.510	5.00
1,1,2-Trichloroethane	0.500	U	0.500	5.00
Chlorodibromomethane	0.640	U	0.640	5.00
1,3-Dichloropropane	0.240	U	0.240	5.00
Ethylene Dibromide	0.200	U	0.200	5.00

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55863

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 560-55863/19-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/31/2011 1527
Date Prepared: 01/31/2011 0802

Analysis Batch: 560-55851
Prep Batch: 560-55863
Units: ug/Kg

Instrument ID: VGCMS#4
Lab File ID: 0131110010.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1.20	U	1.20	5.00
Chlorobenzene	0.230	U	0.230	5.00
Ethylbenzene	0.220	U	0.220	5.00
Bromoform	0.510	U	0.510	5.00
Styrene	0.200	U	0.200	5.00
1,1,2,2-Tetrachloroethane	0.380	U	0.380	5.00
1,2,3-Trichloropropane	0.760	U	0.760	5.00
1,3,5-Trimethylbenzene	0.210	U	0.210	5.00
1,2,4-Trimethylbenzene	0.200	U	0.200	5.00
1,2,3-Trichlorobenzene	0.440	U	0.440	5.00
2-Butanone (MEK)	1.00	U	1.00	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.670	U	0.670	5.00
Xylenes, Total	0.360	U	0.360	15.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	90	63 - 135
1,2-Dichloroethane-d4 (Surr)	93	69 - 136
Toluene-d8 (Surr)	96	66 - 124
4-Bromofluorobenzene (Surr)	80	56 - 129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55863

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 560-55863/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/31/2011 1151
Date Prepared: 01/31/2011 0802

Analysis Batch: 560-55851
Prep Batch: 560-55863
Units: ug/Kg

Instrument ID: VGCMS#4
Lab File ID: 0131110003.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	28.71	57	35 - 135	
Chloromethane	50.0	38.47	77	52 - 134	
Vinyl chloride	50.0	42.41	85	59 - 137	
Bromomethane	50.0	44.92	90	61 - 138	
Chloroethane	50.0	46.01	92	54 - 132	
Trichlorofluoromethane	50.0	39.23	78	70 - 140	
Ethyl ether	50.0	48.41	97	67 - 128	
1,1-Dichloroethene	50.0	46.13	92	66 - 128	
Carbon disulfide	50.0	59.77	120	68 - 146	
Iodomethane	50.0	54.32	109	77 - 139	
Methylene Chloride	50.0	51.14	102	70 - 126	
Acetone	50.0	56.67	113	47 - 161	
trans-1,2-Dichloroethene	50.0	48.94	98	68 - 131	
Methyl tert-butyl ether	50.0	50.49	101	62 - 136	
Acetonitrile	500	748.0	150	28 - 154	
1,1-Dichloroethane	50.0	48.90	98	68 - 127	
Vinyl acetate	50.0	61.49	123	66 - 170	
cis-1,2-Dichloroethene	50.0	49.74	99	67 - 124	
2,2-Dichloropropane	50.0	57.66	115	67 - 136	
Chloroform	50.0	49.70	99	74 - 124	
Ethyl acetate	50.0	42.64	85	62 - 148	
Carbon tetrachloride	50.0	47.43	95	67 - 131	
1,1,1-Trichloroethane	50.0	50.48	101	76 - 125	
1,1-Dichloropropene	50.0	44.71	89	61 - 125	
Benzene	50.0	47.25	94	79 - 120	
1,2-Dichloroethane	50.0	49.16	98	76 - 120	
Trichloroethene	50.0	46.96	94	76 - 121	
Dibromomethane	50.0	47.31	95	76 - 120	
1,2-Dichloropropane	50.0	46.60	93	78 - 120	
Dichlorobromomethane	50.0	48.45	97	80 - 120	
Methyl methacrylate	50.0	40.08	80	70 - 122	
1,4-Dioxane	1000	1219	122	47 - 149	
cis-1,3-Dichloropropene	50.0	40.73	81	68 - 120	
Toluene	50.0	39.88	80	79 - 120	
2-Nitropropane	50.0	48.84	98	64 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	50.86	102	69 - 127	
trans-1,3-Dichloropropene	50.0	33.23	66	70 - 133	
Tetrachloroethene	50.0	40.83	82	66 - 129	
Ethyl methacrylate	50.0	44.53	89	77 - 126	
1,1,2-Trichloroethane	50.0	46.69	93	76 - 121	
Chlorodibromomethane	50.0	50.73	101	69 - 126	
1,3-Dichloropropane	50.0	42.70	85	78 - 120	
Ethylene Dibromide	50.0	47.21	94	71 - 126	
2-Hexanone	50.0	49.86	100	70 - 133	

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55863

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 560-55863/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/31/2011 1151
Date Prepared: 01/31/2011 0802

Analysis Batch: 560-55851
Prep Batch: 560-55863
Units: ug/Kg

Instrument ID: VGCMS#4
Lab File ID: 0131110003.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	44.33	89	74 - 122	
Ethylbenzene	50.0	46.32	93	76 - 120	
Bromoform	50.0	49.79	100	56 - 136	
Styrene	50.0	45.53	91	74 - 132	
1,1,2,2-Tetrachloroethane	50.0	46.76	94	72 - 120	
1,2,3-Trichloropropane	50.0	49.76	100	78 - 133	
1,3,5-Trimethylbenzene	50.0	43.81	88	76 - 121	
1,2,4-Trimethylbenzene	50.0	45.33	91	75 - 120	
1,2,3-Trichlorobenzene	50.0	49.92	100	69 - 127	
2-Butanone (MEK)	50.0	51.28	103	54 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.28	89	66 - 128	
Xylenes, Total	150	145.8	97	77 - 123	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	105	63 - 135
1,2-Dichloroethane-d4 (Surr)	103	69 - 136
Toluene-d8 (Surr)	88	66 - 124
4-Bromofluorobenzene (Surr)	93	56 - 129

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55888

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55888/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 1138
Date Prepared: N/A

Analysis Batch: 560-55888
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02011107.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.730	U	0.730	5.00
Chloromethane	1.20	U	1.20	5.00
Vinyl chloride	0.600	U	0.600	5.00
Bromomethane	1.10	U	1.10	5.00
Chloroethane	0.260	U	0.260	5.00
Trichlorofluoromethane	0.500	U	0.500	5.00
Ethyl ether	0.200	U	0.200	5.00
1,1-Dichloroethene	0.200	U	0.200	5.00
Carbon disulfide	0.730	U	0.730	5.00
Iodomethane	0.800	U	0.800	5.00
Methylene Chloride	5.00	U	5.00	25.0
Acetone	7.20	U	7.20	25.0
trans-1,2-Dichloroethene	0.500	U	0.500	5.00
Methyl tert-butyl ether	0.610	U	0.610	5.00
Acetonitrile	37.0	U	37.0	50.0
1,1-Dichloroethane	0.590	U	0.590	5.00
Vinyl acetate	1.10	U	1.10	5.00
cis-1,2-Dichloroethene	0.570	U	0.570	5.00
2,2-Dichloropropane	0.840	U	0.840	5.00
Chloroform	0.870	U	0.870	5.00
Ethyl acetate	1.20	U	1.20	5.00
Carbon tetrachloride	0.510	U	0.510	5.00
1,1,1-Trichloroethane	0.700	U	0.700	5.00
1,1-Dichloropropene	0.520	U	0.520	5.00
Benzene	0.230	U	0.230	5.00
1,2-Dichloroethane	0.520	U	0.520	5.00
Trichloroethene	0.280	U	0.280	5.00
Dibromomethane	0.710	U	0.710	5.00
1,2-Dichloropropane	0.200	U	0.200	5.00
Dichlorobromomethane	0.200	U	0.200	5.00
Methyl methacrylate	1.10	U	1.10	5.00
1,4-Dioxane	40.0	U	40.0	100
cis-1,3-Dichloropropene	0.200	U	0.200	5.00
Toluene	0.560	U	0.560	5.00
2-Nitropropane	0.520	U	0.520	5.00
4-Methyl-2-pentanone (MIBK)	0.930	U	0.930	5.00
trans-1,3-Dichloropropene	0.520	U	0.520	5.00
Tetrachloroethene	0.740	U	0.740	5.00
Ethyl methacrylate	0.510	U	0.510	5.00
1,1,2-Trichloroethane	0.500	U	0.500	5.00
Chlorodibromomethane	0.640	U	0.640	5.00
1,3-Dichloropropane	0.240	U	0.240	5.00
Ethylene Dibromide	0.200	U	0.200	5.00

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55888

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55888/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 1138
Date Prepared: N/A

Analysis Batch: 560-55888
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02011107.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1.20	U	1.20	5.00
Chlorobenzene	0.230	U	0.230	5.00
Ethylbenzene	0.220	U	0.220	5.00
Bromoform	0.510	U	0.510	5.00
Styrene	0.200	U	0.200	5.00
1,1,2,2-Tetrachloroethane	0.380	U	0.380	5.00
1,2,3-Trichloropropane	0.760	U	0.760	5.00
1,3,5-Trimethylbenzene	0.210	U	0.210	5.00
1,2,4-Trimethylbenzene	0.200	U	0.200	5.00
1,2,3-Trichlorobenzene	0.440	U	0.440	5.00
2-Butanone (MEK)	1.00	U	1.00	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.670	U	0.670	5.00
Xylenes, Total	0.360	U	0.360	15.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	95	63 - 135
1,2-Dichloroethane-d4 (Surr)	99	69 - 136
Toluene-d8 (Surr)	103	66 - 124
4-Bromofluorobenzene (Surr)	94	56 - 129

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55888

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55888/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 1021
Date Prepared: N/A

Analysis Batch: 560-55888
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02011104.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	45.08	90	35 - 135	
Chloromethane	50.0	47.81	96	52 - 134	
Vinyl chloride	50.0	47.00	94	59 - 137	
Bromomethane	50.0	44.64	89	61 - 138	
Chloroethane	50.0	48.80	98	54 - 132	
Trichlorofluoromethane	50.0	46.66	93	70 - 140	
Ethyl ether	50.0	47.21	94	67 - 128	
1,1-Dichloroethene	50.0	47.99	96	66 - 128	
Carbon disulfide	50.0	53.21	106	68 - 146	
Iodomethane	50.0	52.33	105	77 - 139	
Methylene Chloride	50.0	49.71	99	70 - 126	
Acetone	50.0	54.43	109	47 - 161	
trans-1,2-Dichloroethene	50.0	49.94	100	68 - 131	
Methyl tert-butyl ether	50.0	48.26	97	62 - 136	
Acetonitrile	500	586.9	117	28 - 154	
1,1-Dichloroethane	50.0	47.93	96	68 - 127	
Vinyl acetate	50.0	62.23	124	66 - 170	
cis-1,2-Dichloroethene	50.0	48.86	98	67 - 124	
2,2-Dichloropropane	50.0	49.27	99	67 - 136	
Chloroform	50.0	50.04	100	74 - 124	
Ethyl acetate	50.0	46.95	94	62 - 148	
Carbon tetrachloride	50.0	50.51	101	67 - 131	
1,1,1-Trichloroethane	50.0	49.73	99	76 - 125	
1,1-Dichloropropene	50.0	49.88	100	61 - 125	
Benzene	50.0	51.69	103	79 - 120	
1,2-Dichloroethane	50.0	51.48	103	76 - 120	
Trichloroethene	50.0	53.19	106	76 - 121	
Dibromomethane	50.0	51.93	104	76 - 120	
1,2-Dichloropropane	50.0	52.21	104	78 - 120	
Dichlorobromomethane	50.0	53.57	107	80 - 120	
Methyl methacrylate	50.0	50.14	100	70 - 122	
1,4-Dioxane	1000	954.6	95	47 - 149	
cis-1,3-Dichloropropene	50.0	53.91	108	68 - 120	
Toluene	50.0	53.11	106	79 - 120	
2-Nitropropane	50.0	54.82	110	64 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	55.62	111	69 - 127	
trans-1,3-Dichloropropene	50.0	51.62	103	70 - 133	
Tetrachloroethene	50.0	49.39	99	66 - 129	
Ethyl methacrylate	50.0	56.73	113	77 - 126	
1,1,2-Trichloroethane	50.0	55.17	110	76 - 121	
Chlorodibromomethane	50.0	55.08	110	69 - 126	
1,3-Dichloropropane	50.0	54.49	109	78 - 120	
Ethylene Dibromide	50.0	54.83	110	71 - 126	
2-Hexanone	50.0	57.97	116	70 - 133	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55888

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55888/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 1021
Date Prepared: N/A

Analysis Batch: 560-55888
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02011104.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	52.35	105	74 - 122	
Ethylbenzene	50.0	52.48	105	76 - 120	
Bromoform	50.0	51.85	104	56 - 136	
Styrene	50.0	50.64	101	74 - 132	
1,1,2,2-Tetrachloroethane	50.0	52.99	106	72 - 120	
1,2,3-Trichloropropane	50.0	53.93	108	78 - 133	
1,3,5-Trimethylbenzene	50.0	52.15	104	76 - 121	
1,2,4-Trimethylbenzene	50.0	51.84	104	75 - 120	
1,2,3-Trichlorobenzene	50.0	51.11	102	69 - 127	
2-Butanone (MEK)	50.0	48.37	97	54 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.45	99	66 - 128	
Xylenes, Total	150	157.6	105	77 - 123	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	98	63 - 135
1,2-Dichloroethane-d4 (Surr)	101	69 - 136
Toluene-d8 (Surr)	104	66 - 124
4-Bromofluorobenzene (Surr)	98	56 - 129

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55919

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-42	Analysis Batch:	560-55851	Instrument ID:	VGCMS#4
Client Matrix:	Solid	Prep Batch:	560-55863	Lab File ID:	0131110004.D
Dilution:	1.0			Initial Weight/Volume:	6.02 g
Date Analyzed:	01/31/2011 1226			Final Weight/Volume:	5 mL
Date Prepared:	01/31/2011 0802				

MSD Lab Sample ID:	560-24119-42	Analysis Batch:	560-55888	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55919	Lab File ID:	02011128.D
Dilution:	1.0			Initial Weight/Volume:	6.92 g
Date Analyzed:	02/01/2011 2049			Final Weight/Volume:	5 mL
Date Prepared:	02/01/2011 0847				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	67		21 - 132				
Chloromethane	89		47 - 138				
Vinyl chloride	100		54 - 132				
Bromomethane	100		56 - 146				
Chloroethane	104		52 - 136				
Trichlorofluoromethane	87		56 - 127				
Ethyl ether	115		57 - 150				
1,1-Dichloroethene	110		56 - 124				
Carbon disulfide	133		60 - 135				
Iodomethane	129		69 - 147				
Methylene Chloride	124		59 - 145				
Acetone	154		24 - 200				
trans-1,2-Dichloroethene	114		62 - 130				
Methyl tert-butyl ether	125		45 - 166				
Acetonitrile	190		10 - 178			N	
1,1-Dichloroethane	114		64 - 132				
Vinyl acetate	52		10 - 200				J
cis-1,2-Dichloroethene	119		60 - 133				
2,2-Dichloropropane	141		61 - 128			N	
Chloroform	118		68 - 132				
Ethyl acetate	82		10 - 197				
Carbon tetrachloride	105		65 - 120				
1,1,1-Trichloroethane	114		66 - 120				
1,1-Dichloropropene	102		58 - 120				
Benzene	107		69 - 120				
1,2-Dichloroethane	113		67 - 130				
Trichloroethene	102		65 - 120				
Dibromomethane	116		70 - 130				
1,2-Dichloropropane	109		71 - 123				
Dichlorobromomethane	114		70 - 130				
Methyl methacrylate	128		48 - 161				
1,4-Dioxane	125		36 - 186				

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55919

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-42	Analysis Batch:	560-55851	Instrument ID:	VGCMS#4
Client Matrix:	Solid	Prep Batch:	560-55863	Lab File ID:	0131110004.D
Dilution:	1.0			Initial Weight/Volume:	6.02 g
Date Analyzed:	01/31/2011 1226			Final Weight/Volume:	5 mL
Date Prepared:	01/31/2011 0802				

MSD Lab Sample ID:	560-24119-42	Analysis Batch:	560-55888	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55919	Lab File ID:	02011128.D
Dilution:	1.0			Initial Weight/Volume:	6.92 g
Date Analyzed:	02/01/2011 2049			Final Weight/Volume:	5 mL
Date Prepared:	02/01/2011 0847				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	109		60 - 120				
Toluene	95		66 - 120				
2-Nitropropane	181		55 - 131			N	
4-Methyl-2-pentanone (MIBK)	126		60 - 136				
trans-1,3-Dichloropropene	95		70 - 138				
Tetrachloroethene	88		43 - 137				
Ethyl methacrylate	107		10 - 170				
1,1,2-Trichloroethane	126		69 - 122			N	
Chlorodibromomethane	126		64 - 120			N	
1,3-Dichloropropane	117		71 - 120				
Ethylene Dibromide	123		68 - 130				
2-Hexanone	132		56 - 138				
Chlorobenzene	105		69 - 120				
Ethylbenzene	105		61 - 130				
Bromoform	111		54 - 123				
Styrene	99		63 - 120				
1,1,2,2-Tetrachloroethane	158		54 - 133			N	
1,2,3-Trichloropropane	173		69 - 147			N	
1,3,5-Trimethylbenzene	123		57 - 120			N	
1,2,4-Trimethylbenzene	124		62 - 120			N	
1,2,3-Trichlorobenzene	78		11 - 130				
2-Butanone (MEK)	124		46 - 155				
1,1,2-Trichloro-1,2,2-trifluoroethane	98		58 - 120				
Xylenes, Total	106		61 - 120				

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Dibromofluoromethane (Surr)	110		63 - 135
1,2-Dichloroethane-d4 (Surr)	105		69 - 136
Toluene-d8 (Surr)	93		66 - 124
4-Bromofluorobenzene (Surr)	84		56 - 129

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55919

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-42	Units: ug/Kg	MSD Lab Sample ID: 560-24119-42
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/31/2011 1226		Date Analyzed: 02/01/2011 2049
Date Prepared:	01/31/2011 0802		Date Prepared: 02/01/2011 0847

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	0.611	U	46.5	40.2	31.03		45.84	
Chloromethane	1.00	U	46.5	40.2	41.52		60.50	
Vinyl chloride	0.502	U	46.5	40.2	46.58		55.42	
Bromomethane	0.921	U	46.5	40.2	46.71		55.05	
Chloroethane	0.218	U	46.5	40.2	48.16		63.03	
Trichlorofluoromethane	0.418	U	46.5	40.2	40.35		43.83	
Ethyl ether	0.167	U	46.5	40.2	53.51		64.15	
1,1-Dichloroethene	9.77		46.5	40.2	60.94		55.42	
Carbon disulfide	0.611	U	46.5	40.2	61.67		51.05	
Iodomethane	0.670	U	46.5	40.2	60.01		50.85	
Methylene Chloride	4.52	J	46.5	40.2	61.97		61.51	
Acetone	6.03	U	46.5	40.2	71.71		85.91	
trans-1,2-Dichloroethene	0.418	U	46.5	40.2	53.10		53.28	
Methyl tert-butyl ether	0.511	U	46.5	40.2	57.89		64.90	
Acetonitrile	31.0	U	465	402	885.5	N	510.3	
1,1-Dichloroethane	0.494	U	46.5	40.2	53.01		57.05	
Vinyl acetate	0.921	U	46.5	40.2	24.11		3.055	J
cis-1,2-Dichloroethene	0.477	U	46.5	40.2	55.10		56.63	
2,2-Dichloropropane	0.703	U	46.5	40.2	65.47	N	50.14	
Chloroform	0.728	U	46.5	40.2	54.83		57.58	
Ethyl acetate	1.00	U	46.5	40.2	38.17		12.02	
Carbon tetrachloride	0.427	U	46.5	40.2	48.78		46.14	
1,1,1-Trichloroethane	0.586	U	46.5	40.2	53.08		49.58	
1,1-Dichloropropene	0.435	U	46.5	40.2	47.53		45.88	
Benzene	0.291	J	46.5	40.2	49.93		46.86	
1,2-Dichloroethane	0.435	U	46.5	40.2	52.45		56.15	
Trichloroethene	0.234	U	46.5	40.2	47.58		40.93	
Dibromomethane	0.594	U	46.5	40.2	53.71		53.00	
1,2-Dichloropropane	0.167	U	46.5	40.2	50.44		50.31	
Dichlorobromomethane	0.167	U	46.5	40.2	53.11		52.92	
Methyl methacrylate	0.921	U	46.5	40.2	59.37		74.54	
1,4-Dioxane	33.5	U	930	804	1159		845.1	
cis-1,3-Dichloropropene	0.167	U	46.5	40.2	50.45		48.76	
Toluene	1.04	J	46.5	40.2	45.34		43.19	
2-Nitropropane	0.435	U	46.5	40.2	83.95	N	117.4	
4-Methyl-2-pentanone (MIBK)	0.778	U	46.5	40.2	58.62		64.71	
trans-1,3-Dichloropropene	0.435	U	46.5	40.2	44.05		48.31	
Tetrachloroethene	0.619	U	46.5	40.2	40.80		32.82	
Ethyl methacrylate	0.427	U	46.5	40.2	49.81		17.63	
1,1,2-Trichloroethane	0.418	U	46.5	40.2	58.40	N	54.88	
Chlorodibromomethane	0.536	U	46.5	40.2	58.73	N	50.86	

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55919

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	560-24119-42	Units: ug/Kg	MSD Lab Sample ID: 560-24119-42
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/31/2011 1226		Date Analyzed: 02/01/2011 2049
Date Prepared:	01/31/2011 0802		Date Prepared: 02/01/2011 0847

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
1,3-Dichloropropane	0.201	U	46.5	40.2	54.45		55.29
Ethylene Dibromide	0.167	U	46.5	40.2	57.32		53.53
2-Hexanone	1.00	U	46.5	40.2	61.36		66.58
Chlorobenzene	0.192	U	46.5	40.2	48.65		43.07
Ethylbenzene	0.184	U	46.5	40.2	48.92		40.46
Bromoform	0.427	U	46.5	40.2	51.82		46.18
Styrene	0.167	U	46.5	40.2	45.82		38.99
1,1,2,2-Tetrachloroethane	0.318	U	46.5	40.2	73.42	N	68.54
1,2,3-Trichloropropane	0.636	U	46.5	40.2	80.63	N	68.90
1,3,5-Trimethylbenzene	0.176	U	46.5	40.2	57.16	N	45.24
1,2,4-Trimethylbenzene	0.518	J	46.5	40.2	58.00	N	45.37
1,2,3-Trichlorobenzene	0.368	U	46.5	40.2	36.33		27.87
2-Butanone (MEK)	0.837	U	46.5	40.2	57.74		62.34
1,1,2-Trichloro-1,2,2-trifluoroethane	0.561	U	46.5	40.2	45.61		43.02
Xylenes, Total	0.735	J	139	121	148.1		120.8

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55942

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55942/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/02/2011 1216
Date Prepared: N/A

Analysis Batch: 560-55942
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02021106.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.730	U	0.730	5.00
Chloromethane	1.20	U	1.20	5.00
Vinyl chloride	0.600	U	0.600	5.00
Bromomethane	1.10	U	1.10	5.00
Chloroethane	0.260	U	0.260	5.00
Trichlorofluoromethane	0.500	U	0.500	5.00
Ethyl ether	0.200	U	0.200	5.00
1,1-Dichloroethene	0.200	U	0.200	5.00
Carbon disulfide	0.730	U	0.730	5.00
Iodomethane	0.800	U	0.800	5.00
Methylene Chloride	5.00	U	5.00	25.0
Acetone	7.666	J	7.20	25.0
trans-1,2-Dichloroethene	0.500	U	0.500	5.00
Methyl tert-butyl ether	0.610	U	0.610	5.00
Acetonitrile	37.0	U	37.0	50.0
1,1-Dichloroethane	0.590	U	0.590	5.00
Vinyl acetate	1.10	U	1.10	5.00
cis-1,2-Dichloroethene	0.570	U	0.570	5.00
2,2-Dichloropropane	0.840	U	0.840	5.00
Chloroform	0.870	U	0.870	5.00
Ethyl acetate	1.20	U	1.20	5.00
Carbon tetrachloride	0.510	U	0.510	5.00
1,1,1-Trichloroethane	0.700	U	0.700	5.00
1,1-Dichloropropene	0.520	U	0.520	5.00
Benzene	0.230	U	0.230	5.00
1,2-Dichloroethane	0.520	U	0.520	5.00
Trichloroethene	0.280	U	0.280	5.00
Dibromomethane	0.710	U	0.710	5.00
1,2-Dichloropropane	0.200	U	0.200	5.00
Dichlorobromomethane	0.200	U	0.200	5.00
Methyl methacrylate	1.10	U	1.10	5.00
1,4-Dioxane	40.0	U	40.0	100
cis-1,3-Dichloropropene	0.200	U	0.200	5.00
Toluene	0.560	U	0.560	5.00
2-Nitropropane	0.520	U	0.520	5.00
4-Methyl-2-pentanone (MIBK)	0.930	U	0.930	5.00
trans-1,3-Dichloropropene	0.520	U	0.520	5.00
Tetrachloroethene	0.740	U	0.740	5.00
Ethyl methacrylate	0.510	U	0.510	5.00
1,1,2-Trichloroethane	0.500	U	0.500	5.00
Chlorodibromomethane	0.640	U	0.640	5.00
1,3-Dichloropropane	0.240	U	0.240	5.00
Ethylene Dibromide	0.200	U	0.200	5.00

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55942

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55942/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/02/2011 1216
Date Prepared: N/A

Analysis Batch: 560-55942
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02021106.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1.20	U	1.20	5.00
Chlorobenzene	0.230	U	0.230	5.00
Ethylbenzene	0.220	U	0.220	5.00
Bromoform	0.510	U	0.510	5.00
Styrene	0.200	U	0.200	5.00
1,1,2,2-Tetrachloroethane	0.380	U	0.380	5.00
1,2,3-Trichloropropane	0.760	U	0.760	5.00
1,3,5-Trimethylbenzene	0.210	U	0.210	5.00
1,2,4-Trimethylbenzene	0.200	U	0.200	5.00
1,2,3-Trichlorobenzene	0.440	U	0.440	5.00
2-Butanone (MEK)	1.00	U	1.00	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.670	U	0.670	5.00
Xylenes, Total	0.360	U	0.360	15.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	101	63 - 135
1,2-Dichloroethane-d4 (Surr)	113	69 - 136
Toluene-d8 (Surr)	101	66 - 124
4-Bromofluorobenzene (Surr)	97	56 - 129

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55942

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55942/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/02/2011 1100
Date Prepared: N/A

Analysis Batch: 560-55942
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02021103.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	44.20	88	35 - 135	
Chloromethane	50.0	49.01	98	52 - 134	
Vinyl chloride	50.0	51.46	103	59 - 137	
Bromomethane	50.0	42.99	86	61 - 138	
Chloroethane	50.0	50.51	101	54 - 132	
Trichlorofluoromethane	50.0	45.73	91	70 - 140	
Ethyl ether	50.0	51.39	103	67 - 128	
1,1-Dichloroethene	50.0	50.38	101	66 - 128	
Carbon disulfide	50.0	56.30	113	68 - 146	
Iodomethane	50.0	51.44	103	77 - 139	
Methylene Chloride	50.0	48.75	97	70 - 126	
Acetone	50.0	66.29	133	47 - 161	
trans-1,2-Dichloroethene	50.0	52.12	104	68 - 131	
Methyl tert-butyl ether	50.0	54.88	110	62 - 136	
Acetonitrile	500	500.3	100	28 - 154	
1,1-Dichloroethane	50.0	50.60	101	68 - 127	
Vinyl acetate	50.0	72.18	144	66 - 170	
cis-1,2-Dichloroethene	50.0	51.22	102	67 - 124	
2,2-Dichloropropane	50.0	49.17	98	67 - 136	
Chloroform	50.0	51.45	103	74 - 124	
Ethyl acetate	50.0	65.98	132	62 - 148	
Carbon tetrachloride	50.0	52.28	105	67 - 131	
1,1,1-Trichloroethane	50.0	51.63	103	76 - 125	
1,1-Dichloropropene	50.0	53.24	106	61 - 125	
Benzene	50.0	52.57	105	79 - 120	
1,2-Dichloroethane	50.0	56.17	112	76 - 120	
Trichloroethene	50.0	52.99	106	76 - 121	
Dibromomethane	50.0	55.72	111	76 - 120	
1,2-Dichloropropane	50.0	54.79	110	78 - 120	
Dichlorobromomethane	50.0	56.38	113	80 - 120	
Methyl methacrylate	50.0	59.52	119	70 - 122	
1,4-Dioxane	1000	981.9	98	47 - 149	
cis-1,3-Dichloropropene	50.0	57.44	115	68 - 120	
Toluene	50.0	55.01	110	79 - 120	
2-Nitropropane	50.0	64.61	129	64 - 122	*
4-Methyl-2-pentanone (MIBK)	50.0	69.17	138	69 - 127	*
trans-1,3-Dichloropropene	50.0	57.11	114	70 - 133	
Tetrachloroethene	50.0	51.36	103	66 - 129	
Ethyl methacrylate	50.0	65.84	132	77 - 126	*
1,1,2-Trichloroethane	50.0	56.46	113	76 - 121	
Chlorodibromomethane	50.0	54.73	109	69 - 126	
1,3-Dichloropropane	50.0	56.93	114	78 - 120	
Ethylene Dibromide	50.0	56.15	112	71 - 126	
2-Hexanone	50.0	72.60	145	70 - 133	

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55942

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55942/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/02/2011 1100
Date Prepared: N/A

Analysis Batch: 560-55942
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02021103.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	52.00	104	74 - 122	
Ethylbenzene	50.0	52.54	105	76 - 120	
Bromoform	50.0	52.03	104	56 - 136	
Styrene	50.0	51.04	102	74 - 132	
1,1,2,2-Tetrachloroethane	50.0	58.12	116	72 - 120	
1,2,3-Trichloropropane	50.0	57.39	115	78 - 133	
1,3,5-Trimethylbenzene	50.0	53.65	107	76 - 121	
1,2,4-Trimethylbenzene	50.0	52.43	105	75 - 120	
1,2,3-Trichlorobenzene	50.0	48.72	97	69 - 127	
2-Butanone (MEK)	50.0	62.28	125	54 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.90	98	66 - 128	
Xylenes, Total	150	157.7	105	77 - 123	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	103	63 - 135
1,2-Dichloroethane-d4 (Surr)	111	69 - 136
Toluene-d8 (Surr)	107	66 - 124
4-Bromofluorobenzene (Surr)	100	56 - 129

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Dibromofluoromethane (Surr)	107	108	63 - 135
1,2-Dichloroethane-d4 (Surr)	110	107	69 - 136
Toluene-d8 (Surr)	98	97	66 - 124
4-Bromofluorobenzene (Surr)	94	95	56 - 129

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55984

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55984/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/03/2011 1333
Date Prepared: N/A

Analysis Batch: 560-55984
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02031108.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.730	U	0.730	5.00
Chloromethane	1.20	U	1.20	5.00
Vinyl chloride	0.600	U	0.600	5.00
Bromomethane	1.10	U	1.10	5.00
Chloroethane	0.260	U	0.260	5.00
Trichlorofluoromethane	0.500	U	0.500	5.00
Ethyl ether	0.200	U	0.200	5.00
1,1-Dichloroethene	0.200	U	0.200	5.00
Carbon disulfide	0.730	U	0.730	5.00
Iodomethane	0.800	U	0.800	5.00
Methylene Chloride	5.00	U	5.00	25.0
Acetone	7.20	U	7.20	25.0
trans-1,2-Dichloroethene	0.500	U	0.500	5.00
Methyl tert-butyl ether	0.610	U	0.610	5.00
Acetonitrile	37.0	U	37.0	50.0
1,1-Dichloroethane	0.590	U	0.590	5.00
Vinyl acetate	1.10	U	1.10	5.00
cis-1,2-Dichloroethene	0.570	U	0.570	5.00
2,2-Dichloropropane	0.840	U	0.840	5.00
Chloroform	0.870	U	0.870	5.00
Ethyl acetate	1.20	U	1.20	5.00
Carbon tetrachloride	0.510	U	0.510	5.00
1,1,1-Trichloroethane	0.700	U	0.700	5.00
1,1-Dichloropropene	0.520	U	0.520	5.00
Benzene	0.230	U	0.230	5.00
1,2-Dichloroethane	0.520	U	0.520	5.00
Trichloroethene	0.280	U	0.280	5.00
Dibromomethane	0.710	U	0.710	5.00
1,2-Dichloropropane	0.200	U	0.200	5.00
Dichlorobromomethane	0.200	U	0.200	5.00
Methyl methacrylate	1.10	U	1.10	5.00
1,4-Dioxane	40.0	U	40.0	100
cis-1,3-Dichloropropene	0.200	U	0.200	5.00
Toluene	0.560	U	0.560	5.00
2-Nitropropane	0.520	U	0.520	5.00
4-Methyl-2-pentanone (MIBK)	0.930	U	0.930	5.00
trans-1,3-Dichloropropene	0.520	U	0.520	5.00
Tetrachloroethene	0.740	U	0.740	5.00
Ethyl methacrylate	0.510	U	0.510	5.00
1,1,2-Trichloroethane	0.500	U	0.500	5.00
Chlorodibromomethane	0.640	U	0.640	5.00
1,3-Dichloropropane	0.240	U	0.240	5.00
Ethylene Dibromide	0.200	U	0.200	5.00

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55984

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 560-55984/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/03/2011 1333
Date Prepared: N/A

Analysis Batch: 560-55984
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02031108.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1.20	U	1.20	5.00
Chlorobenzene	0.230	U	0.230	5.00
Ethylbenzene	0.220	U	0.220	5.00
Bromoform	0.510	U	0.510	5.00
Styrene	0.200	U	0.200	5.00
1,1,2,2-Tetrachloroethane	0.380	U	0.380	5.00
1,2,3-Trichloropropane	0.760	U	0.760	5.00
1,3,5-Trimethylbenzene	0.210	U	0.210	5.00
1,2,4-Trimethylbenzene	0.200	U	0.200	5.00
1,2,3-Trichlorobenzene	0.440	U	0.440	5.00
2-Butanone (MEK)	1.00	U	1.00	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.670	U	0.670	5.00
Xylenes, Total	0.360	U	0.360	15.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	93	63 - 135
1,2-Dichloroethane-d4 (Surr)	100	69 - 136
Toluene-d8 (Surr)	101	66 - 124
4-Bromofluorobenzene (Surr)	97	56 - 129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55984

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55984/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/03/2011 1117
Date Prepared: N/A

Analysis Batch: 560-55984
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02031103.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	37.78	76	35 - 135	
Chloromethane	50.0	46.52	93	52 - 134	
Vinyl chloride	50.0	45.94	92	59 - 137	
Bromomethane	50.0	43.22	86	61 - 138	
Chloroethane	50.0	48.63	97	54 - 132	
Trichlorofluoromethane	50.0	41.58	83	70 - 140	
Ethyl ether	50.0	48.18	96	67 - 128	
1,1-Dichloroethene	50.0	45.60	91	66 - 128	
Carbon disulfide	50.0	49.95	100	68 - 146	
Iodomethane	50.0	47.32	95	77 - 139	
Methylene Chloride	50.0	44.93	90	70 - 126	
Acetone	50.0	67.26	135	47 - 161	
trans-1,2-Dichloroethene	50.0	47.39	95	68 - 131	
Methyl tert-butyl ether	50.0	51.32	103	62 - 136	
Acetonitrile	500	549.1	110	28 - 154	
1,1-Dichloroethane	50.0	45.69	91	68 - 127	
Vinyl acetate	50.0	68.80	138	66 - 170	
cis-1,2-Dichloroethene	50.0	46.51	93	67 - 124	
2,2-Dichloropropane	50.0	45.40	91	67 - 136	
Chloroform	50.0	47.71	95	74 - 124	
Ethyl acetate	50.0	64.87	130	62 - 148	
Carbon tetrachloride	50.0	47.67	95	67 - 131	
1,1,1-Trichloroethane	50.0	46.63	93	76 - 125	
1,1-Dichloropropene	50.0	47.39	95	61 - 125	
Benzene	50.0	47.24	94	79 - 120	
1,2-Dichloroethane	50.0	52.33	105	76 - 120	
Trichloroethene	50.0	47.30	95	76 - 121	
Dibromomethane	50.0	51.96	104	76 - 120	
1,2-Dichloropropane	50.0	49.70	99	78 - 120	
Dichlorobromomethane	50.0	50.79	102	80 - 120	
Methyl methacrylate	50.0	56.39	113	70 - 122	
1,4-Dioxane	1000	1035	104	47 - 149	
cis-1,3-Dichloropropene	50.0	52.54	105	68 - 120	
Toluene	50.0	48.98	98	79 - 120	
2-Nitropropane	50.0	64.21	128	64 - 122	*
4-Methyl-2-pentanone (MIBK)	50.0	67.67	135	69 - 127	*
trans-1,3-Dichloropropene	50.0	51.78	104	70 - 133	
Tetrachloroethene	50.0	45.31	91	66 - 129	
Ethyl methacrylate	50.0	61.91	124	77 - 126	
1,1,2-Trichloroethane	50.0	52.90	106	76 - 121	
Chlorodibromomethane	50.0	51.31	103	69 - 126	
1,3-Dichloropropane	50.0	52.63	105	78 - 120	
Ethylene Dibromide	50.0	53.17	106	71 - 126	
2-Hexanone	50.0	70.03	140	70 - 133	*

S. Chaffe
FEB 25 11.

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55984

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 560-55984/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/03/2011 1117
Date Prepared: N/A

Analysis Batch: 560-55984
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VGCMS#3
Lab File ID: 02031103.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chlorobenzene	50.0	47.05	94	74 - 122	
Ethylbenzene	50.0	47.08	94	76 - 120	
Bromoform	50.0	49.42	99	56 - 136	
Styrene	50.0	45.74	91	74 - 132	
1,1,2,2-Tetrachloroethane	50.0	56.00	112	72 - 120	
1,2,3-Trichloropropane	50.0	55.93	112	78 - 133	
1,3,5-Trimethylbenzene	50.0	46.95	94	76 - 121	
1,2,4-Trimethylbenzene	50.0	46.53	93	75 - 120	
1,2,3-Trichlorobenzene	50.0	45.24	90	69 - 127	
2-Butanone (MEK)	50.0	59.35	119	54 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.35	87	66 - 128	
Xylenes, Total	150	141.5	94	77 - 123	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	100	63 - 135
1,2-Dichloroethane-d4 (Surr)	108	69 - 136
Toluene-d8 (Surr)	101	66 - 124
4-Bromofluorobenzene (Surr)	98	56 - 129

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55725

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 560-55725/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/28/2011 0742
Date Prepared: 01/27/2011 0803

Analysis Batch: 560-55775
Prep Batch: 560-55725
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01281104.D
Initial Weight/Volume: 29.98 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	16.7	U	16.7	330
Bis(2-chloroethyl)ether	37.4	U	37.4	330
2-Chlorophenol	27.8	U	27.8	330
1,3-Dichlorobenzene	43.8	U	43.8	330
1,4-Dichlorobenzene	45.8	U	45.8	330
Benzyl alcohol	24.5	U	24.5	330
1,2-Dichlorobenzene	52.1	U	52.1	330
2-Methylphenol	33.0	U	33.0	330
3 & 4 Methylphenol	50.0	U	50.0	670
N-Nitrosodi-n-propylamine	16.7	U	16.7	330
Hexachloroethane	50.1	U	50.1	330
Nitrobenzene	36.4	U	36.4	330
Isophorone	16.7	U	16.7	330
2-Nitrophenol	17.0	U	17.0	330
2,4-Dimethylphenol	20.4	U	20.4	330
Bis(2-chloroethoxy)methane	16.7	U	16.7	330
2,4-Dichlorophenol	22.8	U	22.8	330
1,2,4-Trichlorobenzene	45.7	U	45.7	330
Naphthalene	41.7	U	41.7	330
4-Chloroaniline	100	U	100	330
Hexachlorobutadiene	44.7	U	44.7	330
4-Chloro-3-methylphenol	16.7	U	16.7	330
2-Methylnaphthalene	31.1	U	31.1	330
Hexachlorocyclopentadiene	50.0	U	50.0	330
2,4,6-Trichlorophenol	16.7	U	16.7	330
2,4,5-Trichlorophenol	16.7	U	16.7	330
2-Chloronaphthalene	16.7	U	16.7	330
2-Nitroaniline	22.2	U	22.2	330
Dimethyl phthalate	16.7	U	16.7	330
Acenaphthylene	16.7	U	16.7	330
2,6-Dinitrotoluene	50.0	U	50.0	330
3-Nitroaniline	100	U	100	330
Acenaphthene	16.7	U	16.7	330
2,4-Dinitrophenol	100	U	100	330
4-Nitrophenol	100	U	100	330
Dibenzofuran	16.7	U	16.7	330
2,4-Dinitrotoluene	50.0	U	50.0	330
Diethyl phthalate	16.7	U	16.7	330
Fluorene	16.7	U	16.7	330
4-Chlorophenyl phenyl ether	16.7	U	16.7	330
4-Nitroaniline	100	U	100	330
4,6-Dinitro-2-methylphenol	50.0	U	50.0	330
N-Nitrosodiphenylamine	16.7	U	16.7	330

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55725

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 560-55725/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/28/2011 0742
Date Prepared: 01/27/2011 0803

Analysis Batch: 560-55775
Prep Batch: 560-55725
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01281104.D
Initial Weight/Volume: 29.98 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	16.7	U	16.7	330
Hexachlorobenzene	16.7	U	16.7	330
Phenanthrene	16.7	U	16.7	330
Anthracene	16.7	U	16.7	330
Di-n-butyl phthalate	16.7	U	16.7	330
Fluoranthene	16.7	U	16.7	330
Pyrene	16.7	U	16.7	330
Butyl benzyl phthalate	16.7	U	16.7	330
Benzo[a]anthracene	16.7	U	16.7	330
Chrysene	16.7	U	16.7	330
Bis(2-ethylhexyl) phthalate	16.7	U	16.7	330
Di-n-octyl phthalate	18.7	U	18.7	330
Benzo[b]fluoranthene	16.7	U	16.7	330
Benzo[k]fluoranthene	16.7	U	16.7	330
Benzo[a]pyrene	16.7	U	16.7	330
Indeno[1,2,3-cd]pyrene	16.7	U	16.7	330
Dibenz(a,h)anthracene	16.7	U	16.7	330
Benzo[g,h,i]perylene	16.7	U	16.7	330
3,3'-Dichlorobenzidine	167	U	167	330
Pentachlorophenol	100	U	100	330

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	72	53 - 120
Phenol-d5	77	59 - 120
Nitrobenzene-d5	77	55 - 120
2-Fluorobiphenyl	81	64 - 120
2,4,6-Tribromophenol	92	65 - 120
Terphenyl-d14	84	67 - 120

S. Chaffe

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55725

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 560-55725/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/28/2011 0807
Date Prepared: 01/27/2011 0803

Analysis Batch: 560-55775
Prep Batch: 560-55725
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01281105.D
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3320	2594	78	61 - 120	
Bis(2-chloroethyl)ether	3320	2441	73	55 - 120	
2-Chlorophenol	3320	2532	76	61 - 120	
1,3-Dichlorobenzene	3320	2228	67	54 - 120	
1,4-Dichlorobenzene	3320	2296	69	56 - 120	
Benzyl alcohol	3320	2641	79	58 - 120	
1,2-Dichlorobenzene	3320	2224	67	56 - 120	
2-Methylphenol	3320	2672	80	61 - 120	
3 & 4 Methylphenol	6640	5345	80	60 - 120	
N-Nitrosodi-n-propylamine	3320	2444	74	55 - 120	
Hexachloroethane	3320	2269	68	55 - 120	
Nitrobenzene	3320	2506	75	56 - 120	
Isophorone	3320	2634	79	56 - 120	
2-Nitrophenol	3320	2669	80	61 - 120	
2,4-Dimethylphenol	3320	3069	92	72 - 125	
Bis(2-chloroethoxy)methane	3320	2660	80	59 - 120	
2,4-Dichlorophenol	3320	2890	87	65 - 120	
1,2,4-Trichlorobenzene	3320	2556	77	58 - 120	
Naphthalene	3320	2667	80	59 - 120	
4-Chloroaniline	3320	2807	85	30 - 120	
Hexachlorobutadiene	3320	2514	76	57 - 120	
4-Chloro-3-methylphenol	3320	2932	88	67 - 120	
2-Methylnaphthalene	3320	2764	83	63 - 120	
Hexachlorocyclopentadiene	3320	2244	68	40 - 120	
2,4,6-Trichlorophenol	3320	2960	89	67 - 120	
2,4,5-Trichlorophenol	3320	3001	90	68 - 120	
2-Chloronaphthalene	3320	2700	81	60 - 120	
2-Nitroaniline	3320	3370	101	55 - 138	
Dimethyl phthalate	3320	2943	89	64 - 120	
Acenaphthylene	3320	2947	89	64 - 120	
2,6-Dinitrotoluene	3320	3037	91	68 - 120	
3-Nitroaniline	3320	2992	90	39 - 120	
Acenaphthene	3320	2920	88	63 - 120	
2,4-Dinitrophenol	3320	3137	94	50 - 124	
4-Nitrophenol	3320	3036	91	59 - 140	
Dibenzofuran	3320	2922	88	61 - 120	
2,4-Dinitrotoluene	3320	3043	92	65 - 120	
Diethyl phthalate	3320	2996	90	65 - 120	
Fluorene	3320	3021	91	66 - 120	
4-Chlorophenyl phenyl ether	3320	2808	85	64 - 120	
4-Nitroaniline	3320	3154	95	63 - 120	
4,6-Dinitro-2-methylphenol	3320	3085	93	60 - 120	
N-Nitrosodiphenylamine	3320	2958	89	67 - 121	
4-Bromophenyl phenyl ether	3320	2926	88	66 - 120	

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55725

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 560-55725/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/28/2011 0807
Date Prepared: 01/27/2011 0803

Analysis Batch: 560-55775
Prep Batch: 560-55725
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01281105.D
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobenzene	3320	2900	87	64 - 120	
Phenanthrene	3320	2865	86	67 - 121	
Anthracene	3320	3015	91	67 - 120	
Di-n-butyl phthalate	3320	2983	90	66 - 121	
Fluoranthene	3320	3047	92	67 - 120	
Pyrene	3320	3029	91	65 - 120	
Butyl benzyl phthalate	3320	3070	92	68 - 123	
Benzo[a]anthracene	3320	3024	91	71 - 122	
Chrysene	3320	3096	93	69 - 120	
Bis(2-ethylhexyl) phthalate	3320	3105	93	68 - 124	
Di-n-octyl phthalate	3320	3280	99	68 - 127	
Benzo[b]fluoranthene	3320	3143	95	71 - 135	
Benzo[k]fluoranthene	3320	2812	85	66 - 120	
Benzo[a]pyrene	3320	3437	103	69 - 142	
Indeno[1,2,3-cd]pyrene	3320	2975	90	67 - 124	
Dibenz(a,h)anthracene	3320	2688	81	67 - 125	
Benzo[g,h,i]perylene	3320	3025	91	67 - 122	
3,3'-Dichlorobenzidine	4980	4234	85	41 - 120	
Pentachlorophenol	3320	3108	94	62 - 126	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	70	53 - 120
Phenol-d5	77	59 - 120
Nitrobenzene-d5	74	55 - 120
2-Fluorobiphenyl	80	64 - 120
2,4,6-Tribromophenol	90	65 - 120
Terphenyl-d14	85	67 - 120

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55725

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-45	Analysis Batch: 560-55775	Instrument ID: SVGCMS#3
Client Matrix:	Solid	Prep Batch: 560-55725	Lab File ID: 01281106.D
Dilution:	1.0		Initial Weight/Volume: 29.99 g
Date Analyzed:	01/28/2011 0832		Final Weight/Volume: 1 mL
Date Prepared:	01/27/2011 0803		Injection Volume: 1 uL

MSD Lab Sample ID:	560-24119-45	Analysis Batch: 560-55775	Instrument ID: SVGCMS#3
Client Matrix:	Solid	Prep Batch: 560-55725	Lab File ID: 01281107.D
Dilution:	1.0		Initial Weight/Volume: 30.04 g
Date Analyzed:	01/28/2011 0857		Final Weight/Volume: 1 mL
Date Prepared:	01/27/2011 0803		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	65	52	61 - 120	23	30		N
Bis(2-chloroethyl)ether	60	46	55 - 120	28	30		N
2-Chlorophenol	64	49	61 - 120	26	30		N
1,3-Dichlorobenzene	57	43	54 - 120	29	30		N
1,4-Dichlorobenzene	58	44	56 - 120	29	30		N
Benzyl alcohol	68	56	58 - 120	20	30		N
1,2-Dichlorobenzene	60	43	56 - 120	34	30		N
2-Methylphenol	69	54	61 - 120	24	30		N
3 & 4 Methylphenol	69	57	60 - 120	19	30		N
N-Nitrosodi-n-propylamine	63	50	55 - 120	22	30		N
Hexachloroethane	57	42	55 - 120	30	30		N
Nitrobenzene	62	49	56 - 120	25	30		N
Isophorone	67	55	56 - 120	20	30		N
2-Nitrophenol	67	53	61 - 120	24	30		N
2,4-Dimethylphenol	78	66	72 - 125	17	30		N
Bis(2-chloroethoxy)methane	67	55	59 - 120	20	30		N
2,4-Dichlorophenol	73	61	65 - 120	17	30		N
1,2,4-Trichlorobenzene	64	50	58 - 120	24	30		N
Naphthalene	66	53	59 - 120	23	30		N
4-Chloroaniline	71	60	30 - 120	17	30		
Hexachlorobutadiene	63	50	57 - 120	24	30		N
4-Chloro-3-methylphenol	75	67	67 - 120	12	30		
2-Methylnaphthalene	70	58	63 - 120	19	30		N
Hexachlorocyclopentadiene	57	47	40 - 120	19	30		
2,4,6-Trichlorophenol	75	67	67 - 120	12	30		
2,4,5-Trichlorophenol	78	68	68 - 120	12	30		
2-Chloronaphthalene	70	60	60 - 120	16	30		
2-Nitroaniline	86	76	55 - 138	12	30		
Dimethyl phthalate	75	68	64 - 120	10	30		
Acenaphthylene	76	66	64 - 120	13	30		
2,6-Dinitrotoluene	78	70	68 - 120	11	30		
3-Nitroaniline	77	68	39 - 120	13	30		

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55725

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-45	Analysis Batch: 560-55775	Instrument ID: SVGCMS#3
Client Matrix:	Solid	Prep Batch: 560-55725	Lab File ID: 01281106.D
Dilution:	1.0		Initial Weight/Volume: 29.99 g
Date Analyzed:	01/28/2011 0832		Final Weight/Volume: 1 mL
Date Prepared:	01/27/2011 0803		Injection Volume: 1 uL

MSD Lab Sample ID:	560-24119-45	Analysis Batch: 560-55775	Instrument ID: SVGCMS#3
Client Matrix:	Solid	Prep Batch: 560-55725	Lab File ID: 01281107.D
Dilution:	1.0		Initial Weight/Volume: 30.04 g
Date Analyzed:	01/28/2011 0857		Final Weight/Volume: 1 mL
Date Prepared:	01/27/2011 0803		Injection Volume: 1 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	75	66	63 - 120	12	30		
2,4-Dinitrophenol	46	30	50 - 124	43	30	N	N
4-Nitrophenol	75	67	59 - 140	12	30		
Dibenzofuran	76	67	61 - 120	13	30		
2,4-Dinitrotoluene	77	70	65 - 120	11	30		
Diethyl phthalate	77	69	65 - 120	11	30		
Fluorene	79	72	66 - 120	10	30		
4-Chlorophenyl phenyl ether	74	67	64 - 120	10	30		
4-Nitroaniline	80	71	63 - 120	12	30		
4,6-Dinitro-2-methylphenol	66	54	60 - 120	19	30		N
N-Nitrosodiphenylamine	76	68	67 - 121	10	30		
4-Bromophenyl phenyl ether	76	69	66 - 120	9	30		
Hexachlorobenzene	76	69	64 - 120	10	30		
Phenanthrene	75	68	67 - 121	9	30		
Anthracene	78	71	67 - 120	10	30		
Di-n-butyl phthalate	77	70	66 - 121	10	30		
Fluoranthene	79	71	67 - 120	10	30		
Pyrene	78	71	65 - 120	9	30		
Butyl benzyl phthalate	78	71	68 - 123	9	30		
Benzo[a]anthracene	78	71	71 - 122	9	30		
Chrysene	78	72	69 - 120	8	30		
Bis(2-ethylhexyl) phthalate	80	73	68 - 124	9	30		
Di-n-octyl phthalate	82	75	68 - 127	9	30		
Benzo[b]fluoranthene	73	70	71 - 135	4	30		N
Benzo[k]fluoranthene	77	71	66 - 120	9	30		
Benzo[a]pyrene	86	79	69 - 142	8	30		
Indeno[1,2,3-cd]pyrene	75	70	67 - 124	7	30		
Dibenz(a,h)anthracene	69	64	67 - 125	7	30		N
Benzo[g,h,i]perylene	76	70	67 - 122	8	30		
3,3'-Dichlorobenzidine	69	63	41 - 120	10	30		
Pentachlorophenol	77	66	62 - 126	15	30		

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
2-Fluorophenol	58	43	X	53 - 120
Phenol-d5	64	50	X	59 - 120
Nitrobenzene-d5	61	47	X	55 - 120
2-Fluorobiphenyl	68	58	X	64 - 120
2,4,6-Tribromophenol	77	70		65 - 120
Terphenyl-d14	72	67		67 - 120

S. Chaffe

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55725

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 560-24119-45
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/28/2011 0832
Date Prepared: 01/27/2011 0803

Units: ug/Kg

MSD Lab Sample ID: 560-24119-45
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/28/2011 0857
Date Prepared: 01/27/2011 0803

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	18.4	U	3670	3670	2391		1902	N
Bis(2-chloroethyl)ether	41.1	U	3670	3670	2213		1672	N
2-Chlorophenol	30.6	U	3670	3670	2330		1791	N
1,3-Dichlorobenzene	48.1	U	3670	3670	2092		1560	N
1,4-Dichlorobenzene	50.3	U	3670	3670	2131		1597	N
Benzyl alcohol	26.9	U	3670	3670	2490		2046	N
1,2-Dichlorobenzene	57.3	U	3670	3670	2199		1562	N
2-Methylphenol	36.3	U	3670	3670	2516		1975	N
3 & 4 Methylphenol	55.0	U	7340	7340	5050		4170	N
N-Nitrosodi-n-propylamine	18.4	U	3670	3670	2300		1841	N
Hexachloroethane	55.1	U	3670	3670	2100		1557	N
Nitrobenzene	40.0	U	3670	3670	2291		1788	N
Isophorone	18.4	U	3670	3670	2451		2013	N
2-Nitrophenol	18.7	U	3670	3670	2460		1938	N
2,4-Dimethylphenol	22.4	U	3670	3670	2858		2416	N
Bis(2-chloroethoxy)methane	18.4	U	3670	3670	2463		2015	N
2,4-Dichlorophenol	25.1	U	3670	3670	2667		2248	N
1,2,4-Trichlorobenzene	50.2	U	3670	3670	2357		1845	N
Naphthalene	45.8	U	3670	3670	2435		1938	N
4-Chloroaniline	110	U	3670	3670	2618		2200	
Hexachlorobutadiene	49.1	U	3670	3670	2327		1824	N
4-Chloro-3-methylphenol	18.4	U	3670	3670	2767		2461	
2-Methylnaphthalene	34.2	U	3670	3670	2564		2119	N
Hexachlorocyclopentadiene	55.0	U	3670	3670	2095		1737	
2,4,6-Trichlorophenol	18.4	U	3670	3670	2764		2450	
2,4,5-Trichlorophenol	18.4	U	3670	3670	2845		2513	
2-Chloronaphthalene	18.4	U	3670	3670	2560		2191	
2-Nitroaniline	24.4	U	3670	3670	3166		2804	
Dimethyl phthalate	18.4	U	3670	3670	2753		2483	
Acenaphthylene	18.4	U	3670	3670	2786		2440	
2,6-Dinitrotoluene	55.0	U	3670	3670	2864		2566	
3-Nitroaniline	110	U	3670	3670	2820		2486	
Acenaphthene	18.4	U	3670	3670	2755		2436	
2,4-Dinitrophenol	110	U	3670	3670	1696	N	1099	N
4-Nitrophenol	110	U	3670	3670	2752		2443	
Dibenzofuran	18.4	U	3670	3670	2780		2444	
2,4-Dinitrotoluene	55.0	U	3670	3670	2838		2555	
Diethyl phthalate	18.4	U	3670	3670	2841		2543	
Fluorene	18.4	U	3670	3670	2900		2631	
4-Chlorophenyl phenyl ether	18.4	U	3670	3670	2719		2461	
4-Nitroaniline	110	U	3670	3670	2919		2590	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55725

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-45	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/28/2011 0832		
Date Prepared:	01/27/2011 0803		

MSD Lab Sample ID:	560-24119-45
Client Matrix:	Solid
Dilution:	1.0
Date Analyzed:	01/28/2011 0857
Date Prepared:	01/27/2011 0803

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
4,6-Dinitro-2-methylphenol	55.0	U	3670	3670	2403	1992	N
N-Nitrosodiphenylamine	18.4	U	3670	3670	2777	2509	
4-Bromophenyl phenyl ether	18.4	U	3670	3670	2796	2550	
Hexachlorobenzene	18.4	U	3670	3670	2770	2517	
Phenanthrene	18.4	U	3670	3670	2750	2502	
Anthracene	18.4	U	3670	3670	2854	2592	
Di-n-butyl phthalate	18.4	U	3670	3670	2838	2574	
Fluoranthene	18.4	U	3670	3670	2885	2622	
Pyrene	18.4	U	3670	3670	2853	2616	
Butyl benzyl phthalate	18.4	U	3670	3670	2852	2604	
Benzo[a]anthracene	18.4	U	3670	3670	2853	2607	
Chrysene	18.4	U	3670	3670	2868	2640	
Bis(2-ethylhexyl) phthalate	18.4	U	3670	3670	2927	2663	
Di-n-octyl phthalate	20.6	U	3670	3670	3002	2744	
Benzo[b]fluoranthene	18.4	U	3670	3670	2677	2573	N
Benzo[k]fluoranthene	18.4	U	3670	3670	2838	2592	
Benzo[a]pyrene	18.4	U	3670	3670	3147	2904	
Indeno[1,2,3-cd]pyrene	18.4	U	3670	3670	2748	2555	
Dibenz(a,h)anthracene	18.4	U	3670	3670	2541	2359	N
Benzo[g,h,i]perylene	18.4	U	3670	3670	2787	2582	
3,3'-Dichlorobenzidine	184	U	5500	5510	3823	3455	
Pentachlorophenol	110	U	3670	3670	2818	2416	

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55726

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 560-55726/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1542
Date Prepared: 01/27/2011 0806

Analysis Batch: 560-55757
Prep Batch: 560-55726
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01271104.D
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	16.7	U	16.7	330
Bis(2-chloroethyl)ether	37.4	U	37.4	330
2-Chlorophenol	27.8	U	27.8	330
1,3-Dichlorobenzene	43.7	U	43.7	330
1,4-Dichlorobenzene	45.7	U	45.7	330
Benzyl alcohol	24.5	U	24.5	330
1,2-Dichlorobenzene	52.0	U	52.0	330
2-Methylphenol	33.0	U	33.0	330
3 & 4 Methylphenol	49.9	U	49.9	669
N-Nitrosodi-n-propylamine	16.7	U	16.7	330
Hexachloroethane	50.0	U	50.0	330
Nitrobenzene	36.4	U	36.4	330
Isophorone	16.7	U	16.7	330
2-Nitrophenol	17.0	U	17.0	330
2,4-Dimethylphenol	20.4	U	20.4	330
Bis(2-chloroethoxy)methane	16.7	U	16.7	330
2,4-Dichlorophenol	22.8	U	22.8	330
1,2,4-Trichlorobenzene	45.6	U	45.6	330
Naphthalene	41.6	U	41.6	330
4-Chloroaniline	99.9	U	99.9	330
Hexachlorobutadiene	44.6	U	44.6	330
4-Chloro-3-methylphenol	16.7	U	16.7	330
2-Methylnaphthalene	31.1	U	31.1	330
Hexachlorocyclopentadiene	49.9	U	49.9	330
2,4,6-Trichlorophenol	16.7	U	16.7	330
2,4,5-Trichlorophenol	16.7	U	16.7	330
2-Chloronaphthalene	16.7	U	16.7	330
2-Nitroaniline	22.2	U	22.2	330
Dimethyl phthalate	16.7	U	16.7	330
Acenaphthylene	16.7	U	16.7	330
2,6-Dinitrotoluene	49.9	U	49.9	330
3-Nitroaniline	99.9	U	99.9	330
Acenaphthene	16.7	U	16.7	330
2,4-Dinitrophenol	99.9	U	99.9	330
4-Nitrophenol	99.9	U	99.9	330
Dibenzofuran	16.7	U	16.7	330
2,4-Dinitrotoluene	49.9	U	49.9	330
Diethyl phthalate	16.7	U	16.7	330
Fluorene	16.7	U	16.7	330
4-Chlorophenyl phenyl ether	16.7	U	16.7	330
4-Nitroaniline	99.9	U	99.9	330
4,6-Dinitro-2-methylphenol	49.9	U	49.9	330
N-Nitrosodiphenylamine	16.7	U	16.7	330

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55726

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 560-55726/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1542
Date Prepared: 01/27/2011 0806

Analysis Batch: 560-55757
Prep Batch: 560-55726
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01271104.D
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	16.7	U	16.7	330
Hexachlorobenzene	16.7	U	16.7	330
Phenanthrene	16.7	U	16.7	330
Anthracene	16.7	U	16.7	330
Di-n-butyl phthalate	16.7	U	16.7	330
Fluoranthene	16.7	U	16.7	330
Pyrene	16.7	U	16.7	330
Butyl benzyl phthalate	16.7	U	16.7	330
Benzo[a]anthracene	16.7	U	16.7	330
Chrysene	16.7	U	16.7	330
Bis(2-ethylhexyl) phthalate	24.42	J	16.7	330
Di-n-octyl phthalate	18.7	U	18.7	330
Benzo[b]fluoranthene	16.7	U	16.7	330
Benzo[k]fluoranthene	16.7	U	16.7	330
Benzo[a]pyrene	16.7	U	16.7	330
Indeno[1,2,3-cd]pyrene	16.7	U	16.7	330
Dibenz(a,h)anthracene	16.7	U	16.7	330
Benzo[g,h,i]perylene	16.7	U	16.7	330
3,3'-Dichlorobenzidine	167	U	167	330
Pentachlorophenol	99.9	U	99.9	330

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	78	53 - 120
Phenol-d5	85	59 - 120
Nitrobenzene-d5	82	55 - 120
2-Fluorobiphenyl	86	64 - 120
2,4,6-Tribromophenol	93	65 - 120
Terphenyl-d14	86	67 - 120

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55726

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 560-55726/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1607
Date Prepared: 01/27/2011 0806

Analysis Batch: 560-55757
Prep Batch: 560-55726
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01271105.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2789	84	61 - 120	
Bis(2-chloroethyl)ether	3330	2673	80	55 - 120	
2-Chlorophenol	3330	2658	80	61 - 120	
1,3-Dichlorobenzene	3330	2522	76	54 - 120	
1,4-Dichlorobenzene	3330	2573	77	56 - 120	
Benzyl alcohol	3330	2964	89	58 - 120	
1,2-Dichlorobenzene	3330	2474	74	56 - 120	
2-Methylphenol	3330	2829	85	61 - 120	
3 & 4 Methylphenol	6670	5665	85	60 - 120	
N-Nitrosodi-n-propylamine	3330	2678	80	55 - 120	
Hexachloroethane	3330	2547	76	55 - 120	
Nitrobenzene	3330	2723	82	56 - 120	
Isophorone	3330	2873	86	56 - 120	
2-Nitrophenol	3330	2843	85	61 - 120	
2,4-Dimethylphenol	3330	3307	99	72 - 125	
Bis(2-chloroethoxy)methane	3330	2865	86	59 - 120	
2,4-Dichlorophenol	3330	2997	90	65 - 120	
1,2,4-Trichlorobenzene	3330	2772	83	58 - 120	
Naphthalene	3330	2902	87	59 - 120	
4-Chloroaniline	3330	1985	60	30 - 120	
Hexachlorobutadiene	3330	2766	83	57 - 120	
4-Chloro-3-methylphenol	3330	3139	94	67 - 120	
2-Methylnaphthalene	3330	2912	87	63 - 120	
Hexachlorocyclopentadiene	3330	2386	72	40 - 120	
2,4,6-Trichlorophenol	3330	3177	95	67 - 120	
2,4,5-Trichlorophenol	3330	3128	94	68 - 120	
2-Chloronaphthalene	3330	2904	87	60 - 120	
2-Nitroaniline	3330	3664	110	55 - 138	
Dimethyl phthalate	3330	3134	94	64 - 120	
Acenaphthylene	3330	3159	95	64 - 120	
2,6-Dinitrotoluene	3330	3212	96	68 - 120	
3-Nitroaniline	3330	2411	72	39 - 120	
Acenaphthene	3330	3165	95	63 - 120	
2,4-Dinitrophenol	3330	2932	88	50 - 124	
4-Nitrophenol	3330	3232	97	59 - 140	
Dibenzofuran	3330	3004	90	61 - 120	
2,4-Dinitrotoluene	3330	3197	96	65 - 120	
Diethyl phthalate	3330	3207	96	65 - 120	
Fluorene	3330	3261	98	66 - 120	
4-Chlorophenyl phenyl ether	3330	2997	90	64 - 120	
4-Nitroaniline	3330	3214	96	63 - 120	
4,6-Dinitro-2-methylphenol	3330	3057	92	60 - 120	
N-Nitrosodiphenylamine	3330	3272	98	67 - 121	
4-Bromophenyl phenyl ether	3330	3222	97	66 - 120	

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55726

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 560-55726/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/27/2011 1607
Date Prepared: 01/27/2011 0806

Analysis Batch: 560-55757
Prep Batch: 560-55726
Units: ug/Kg

Instrument ID: SVGCMS#3
Lab File ID: 01271105.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobenzene	3330	3213	96	64 - 120	
Phenanthrene	3330	3173	95	67 - 121	
Anthracene	3330	3310	99	67 - 120	
Di-n-butyl phthalate	3330	3318	100	66 - 121	
Fluoranthene	3330	3341	100	67 - 120	
Pyrene	3330	3326	100	65 - 120	
Butyl benzyl phthalate	3330	3345	100	68 - 123	
Benzo[a]anthracene	3330	3368	101	71 - 122	
Chrysene	3330	3330	100	69 - 120	
Bis(2-ethylhexyl) phthalate	3330	3429	103	68 - 124	
Di-n-octyl phthalate	3330	3512	105	68 - 127	
Benzo[b]fluoranthene	3330	3055	92	71 - 135	
Benzo[k]fluoranthene	3330	3387	102	66 - 120	
Benzo[a]pyrene	3330	3706	111	69 - 142	
Indeno[1,2,3-cd]pyrene	3330	3223	97	67 - 124	
Dibenz(a,h)anthracene	3330	3148	94	67 - 125	
Benzo[g,h,i]perylene	3330	3246	97	67 - 122	
3,3'-Dichlorobenzidine	5000	3468	69	41 - 120	
Pentachlorophenol	3330	3494	105	62 - 126	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	74	53 - 120
Phenol-d5	81	59 - 120
Nitrobenzene-d5	80	55 - 120
2-Fluorobiphenyl	86	64 - 120
2,4,6-Tribromophenol	99	65 - 120
Terphenyl-d14	92	67 - 120

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55726

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-42	Analysis Batch:	560-55757	Instrument ID:	SVGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55726	Lab File ID:	01271106.D
Dilution:	1.0			Initial Weight/Volume:	29.96 g
Date Analyzed:	01/27/2011 1633			Final Weight/Volume:	1 mL
Date Prepared:	01/27/2011 0806			Injection Volume:	1 uL

MSD Lab Sample ID:	560-24119-42	Analysis Batch:	560-55757	Instrument ID:	SVGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55726	Lab File ID:	01271107.D
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	01/27/2011 1658			Final Weight/Volume:	1 mL
Date Prepared:	01/27/2011 0806			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	83	84	61 - 120	0	30		
Bis(2-chloroethyl)ether	80	79	55 - 120	3	30		
2-Chlorophenol	80	80	61 - 120	0	30		
1,3-Dichlorobenzene	75	73	54 - 120	4	30		
1,4-Dichlorobenzene	77	75	56 - 120	4	30		
Benzyl alcohol	88	89	58 - 120	1	30		
1,2-Dichlorobenzene	74	73	56 - 120	3	30		
2-Methylphenol	85	85	61 - 120	1	30		
3 & 4 Methylphenol	85	85	60 - 120	0	30		
N-Nitrosodi-n-propylamine	80	80	55 - 120	0	30		
Hexachloroethane	77	75	55 - 120	4	30		
Nitrobenzene	80	82	56 - 120	1	30		
Isophorone	84	87	56 - 120	3	30		
2-Nitrophenol	84	87	61 - 120	3	30		
2,4-Dimethylphenol	99	102	72 - 125	2	30		
Bis(2-chloroethoxy)methane	84	86	59 - 120	2	30		
2,4-Dichlorophenol	88	91	65 - 120	2	30		
1,2,4-Trichlorobenzene	81	84	58 - 120	2	30		
Naphthalene	85	86	59 - 120	1	30		
4-Chloroaniline	67	80	30 - 120	18	30		
Hexachlorobutadiene	80	82	57 - 120	2	30		
4-Chloro-3-methylphenol	93	93	67 - 120	1	30		
2-Methylnaphthalene	87	90	63 - 120	3	30		
Hexachlorocyclopentadiene	71	69	40 - 120	4	30		
2,4,6-Trichlorophenol	94	94	67 - 120	1	30		
2,4,5-Trichlorophenol	96	95	68 - 120	2	30		
2-Chloronaphthalene	86	87	60 - 120	1	30		
2-Nitroaniline	108	109	55 - 138	0	30		
Dimethyl phthalate	93	92	64 - 120	1	30		
Acenaphthylene	93	94	64 - 120	0	30		
2,6-Dinitrotoluene	95	96	68 - 120	0	30		
3-Nitroaniline	80	89	39 - 120	10	30		

S. Chaffe
FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55726

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-42	Analysis Batch:	560-55757	Instrument ID:	SVGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55726	Lab File ID:	01271106.D
Dilution:	1.0			Initial Weight/Volume:	29.96 g
Date Analyzed:	01/27/2011 1633			Final Weight/Volume:	1 mL
Date Prepared:	01/27/2011 0806			Injection Volume:	1 uL

MSD Lab Sample ID:	560-24119-42	Analysis Batch:	560-55757	Instrument ID:	SVGCMS#3
Client Matrix:	Solid	Prep Batch:	560-55726	Lab File ID:	01271107.D
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	01/27/2011 1658			Final Weight/Volume:	1 mL
Date Prepared:	01/27/2011 0806			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	94	94	63 - 120	1	30		
2,4-Dinitrophenol	82	81	50 - 124	2	30		
4-Nitrophenol	96	96	59 - 140	1	30		
Dibenzofuran	91	91	61 - 120	1	30		
2,4-Dinitrotoluene	93	95	65 - 120	1	30		
Diethyl phthalate	95	94	65 - 120	2	30		
Fluorene	97	97	66 - 120	1	30		
4-Chlorophenyl phenyl ether	89	90	64 - 120	0	30		
4-Nitroaniline	92	95	63 - 120	2	30		
4,6-Dinitro-2-methylphenol	85	86	60 - 120	0	30		
N-Nitrosodiphenylamine	95	94	67 - 121	2	30		
4-Bromophenyl phenyl ether	94	94	66 - 120	1	30		
Hexachlorobenzene	93	93	64 - 120	2	30		
Phenanthrene	93	92	67 - 121	2	30		
Anthracene	96	96	67 - 120	1	30		
Di-n-butyl phthalate	96	95	66 - 121	2	30		
Fluoranthene	95	94	67 - 120	2	30		
Pyrene	98	98	65 - 120	1	30		
Butyl benzyl phthalate	100	98	68 - 123	3	30		
Benzo[a]anthracene	97	97	71 - 122	1	30		
Chrysene	99	97	69 - 120	3	30		
Bis(2-ethylhexyl) phthalate	100	99	68 - 124	2	30		
Di-n-octyl phthalate	106	106	68 - 127	0	30		
Benzo[b]fluoranthene	90	91	71 - 135	0	30		
Benzo[k]fluoranthene	103	99	66 - 120	5	30		
Benzo[a]pyrene	109	110	69 - 142	0	30		
Indeno[1,2,3-cd]pyrene	98	97	67 - 124	1	30		
Dibenz(a,h)anthracene	96	94	67 - 125	2	30		
Benzo[g,h,i]perylene	98	98	67 - 122	1	30		
3,3'-Dichlorobenzidine	63	84	41 - 120	28	30		
Pentachlorophenol	99	99	62 - 126	0	30		

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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	74	74	53 - 120
Phenol-d5	79	80	59 - 120
Nitrobenzene-d5	78	80	55 - 120
2-Fluorobiphenyl	83	84	64 - 120
2,4,6-Tribromophenol	96	96	65 - 120
Terphenyl-d14	91	91	67 - 120

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55726

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-42	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/27/2011 1633		
Date Prepared:	01/27/2011 0806		

MSD Lab Sample ID:	560-24119-42
Client Matrix:	Solid
Dilution:	1.0
Date Analyzed:	01/27/2011 1658
Date Prepared:	01/27/2011 0806

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	18.7	U	3740	3710	3098	3100
Bis(2-chloroethyl)ether	41.8	U	3740	3710	3002	2922
2-Chlorophenol	31.0	U	3740	3710	2973	2971
1,3-Dichlorobenzene	48.9	U	3740	3710	2819	2718
1,4-Dichlorobenzene	51.1	U	3740	3710	2882	2769
Benzyl alcohol	27.4	U	3740	3710	3284	3315
1,2-Dichlorobenzene	58.2	U	3740	3710	2776	2701
2-Methylphenol	36.9	U	3740	3710	3171	3143
3 & 4 Methylphenol	55.8	U	7470	7410	6349	6321
N-Nitrosodi-n-propylamine	18.7	U	3740	3710	2979	2982
Hexachloroethane	56.0	U	3740	3710	2875	2770
Nitrobenzene	40.7	U	3740	3710	3005	3043
Isophorone	18.7	U	3740	3710	3140	3219
2-Nitrophenol	19.0	U	3740	3710	3127	3231
2,4-Dimethylphenol	22.8	U	3740	3710	3692	3767
Bis(2-chloroethoxy)methane	18.7	U	3740	3710	3127	3194
2,4-Dichlorophenol	25.5	U	3740	3710	3294	3374
1,2,4-Trichlorobenzene	51.0	U	3740	3710	3034	3105
Naphthalene	46.6	U	3740	3710	3175	3204
4-Chloroaniline	112	U	3740	3710	2490	2974
Hexachlorobutadiene	49.9	U	3740	3710	3006	3052
4-Chloro-3-methylphenol	18.7	U	3740	3710	3493	3454
2-Methylnaphthalene	34.7	U	3740	3710	3236	3324
Hexachlorocyclopentadiene	55.8	U	3740	3710	2651	2560
2,4,6-Trichlorophenol	18.7	U	3740	3710	3512	3481
2,4,5-Trichlorophenol	18.7	U	3740	3710	3588	3532
2-Chloronaphthalene	18.7	U	3740	3710	3231	3206
2-Nitroaniline	24.8	U	3740	3710	4050	4050
Dimethyl phthalate	18.7	U	3740	3710	3457	3424
Acenaphthylene	18.7	U	3740	3710	3490	3493
2,6-Dinitrotoluene	55.8	U	3740	3710	3535	3551
3-Nitroaniline	112	U	3740	3710	2974	3298
Acenaphthene	18.7	U	3740	3710	3516	3469
2,4-Dinitrophenol	112	U	3740	3710	3070	3006
4-Nitrophenol	112	U	3740	3710	3591	3551
Dibenzofuran	18.7	U	3740	3710	3408	3370
2,4-Dinitrotoluene	55.8	U	3740	3710	3485	3513
Diethyl phthalate	18.7	U	3740	3710	3544	3491
Fluorene	18.7	U	3740	3710	3627	3597
4-Chlorophenyl phenyl ether	18.7	U	3740	3710	3340	3326
4-Nitroaniline	112	U	3740	3710	3446	3526

S. Chaffe
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Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55726

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-24119-42	Units: ug/Kg	MSD Lab Sample ID: 560-24119-42
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/27/2011 1633		Date Analyzed: 01/27/2011 1658
Date Prepared:	01/27/2011 0806		Date Prepared: 01/27/2011 0806

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4,6-Dinitro-2-methylphenol	55.8	U	3740	3710	3185	3172
N-Nitrosodiphenylamine	18.7	U	3740	3710	3558	3489
4-Bromophenyl phenyl ether	18.7	U	3740	3710	3530	3488
Hexachlorobenzene	18.7	U	3740	3710	3487	3433
Phenanthrene	18.7	U	3740	3710	3463	3394
Anthracene	18.7	U	3740	3710	3598	3555
Di-n-butyl phthalate	18.7	U	3740	3710	3591	3513
Fluoranthene	21.0	J	3740	3710	3552	3499
Pyrene	19.0	J	3740	3710	3694	3644
Butyl benzyl phthalate	18.7	U	3740	3710	3725	3633
Benzo[a]anthracene	18.7	U	3740	3710	3628	3582
Chrysene	18.7	U	3740	3710	3691	3587
Bis(2-ethylhexyl) phthalate	94.3	J	3740	3710	3844	3749
Di-n-octyl phthalate	20.9	U	3740	3710	3945	3926
Benzo[b]fluoranthene	20.6	J	3740	3710	3380	3386
Benzo[k]fluoranthene	18.7	U	3740	3710	3832	3656
Benzo[a]pyrene	18.7	U	3740	3710	4069	4077
Indeno[1,2,3-cd]pyrene	18.7	U	3740	3710	3643	3594
Dibenz(a,h)anthracene	18.7	U	3740	3710	3569	3497
Benzo[g,h,i]perylene	18.7	U	3740	3710	3651	3623
3,3'-Dichlorobenzidine	187	U	5600	5560	3511	4667
Pentachlorophenol	112	U	3740	3710	3686	3670

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55842

Method: 8081B
Preparation: 3550B

Lab Sample ID: MB 560-55842/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 1159
Date Prepared: 01/31/2011 0841

Analysis Batch: 560-55896
Prep Batch: 560-55842
Units: ug/Kg

Instrument ID: SVGC#1
Lab File ID: 02011114.D
Initial Weight/Volume: 30.06 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	0.0879	U	0.0879	1.70
4,4'-DDE	0.0831	U	0.0831	1.70
4,4'-DDT	0.134	U	0.134	1.70
Aldrin	0.0855	U	0.0855	1.70
alpha-BHC	0.217	U	0.217	1.70
alpha-Chlordane	0.277	U	0.277	1.70
beta-BHC	0.295	U	0.295	1.70
Chlordane (technical)	1.88	U	1.88	17.0
Chlordane (technical) Peak 1	1.88	U	1.88	17.0
Chlordane (technical) Peak 2	1.88	U	1.88	17.0
Chlordane (technical) Peak 3	1.88	U	1.88	17.0
Chlordane (technical) Peak 4	1.88	U	1.88	17.0
delta-BHC	0.0831	U	0.0831	1.70
Dieldrin	0.0836	U	0.0836	1.70
Endosulfan I	0.0831	U	0.0831	1.70
Endosulfan II	0.0831	U	0.0831	1.70
Endosulfan sulfate	0.108	U	0.108	1.70
Endrin	0.0831	U	0.0831	1.70
Endrin aldehyde	0.140	U	0.140	1.70
Endrin ketone	0.0879	U	0.0879	1.70
gamma-BHC (Lindane)	0.0831	U	0.0831	1.70
gamma-Chlordane	0.380	U	0.380	1.70
Heptachlor	0.448	U	0.448	1.70
Heptachlor epoxide	0.0961	U	0.0961	1.70
Methoxychlor	0.231	U	0.231	1.70
Toxaphene	5.15	U	5.15	32.9

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	55 - 130
Tetrachloro-m-xylene	92	69 - 125

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55842

Method: 8081B
Preparation: 3550B

Lab Sample ID: LCS 560-55842/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 1223
Date Prepared: 01/31/2011 0841

Analysis Batch: 560-55896
Prep Batch: 560-55842
Units: ug/Kg

Instrument ID: SVGC#1
Lab File ID: 02011116.D
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	16.7	12.82	77	30 - 135	
4,4'-DDE	16.7	12.92	78	70 - 125	
4,4'-DDT	16.7	12.92	78	45 - 140	
Aldrin	16.7	12.97	78	45 - 140	
alpha-BHC	16.7	13.59	82	60 - 125	
alpha-Chlordane	16.7	12.16	73	65 - 120	
beta-BHC	16.7	13.42	81	60 - 125	
delta-BHC	16.7	13.17	79	55 - 130	
Dieldrin	16.7	12.52	75	65 - 125	
Endosulfan I	16.7	12.13	73	15 - 135	
Endosulfan II	16.7	12.30	74	35 - 140	
Endosulfan sulfate	16.7	12.47	75	60 - 135	
Endrin	16.7	12.55	75	60 - 135	
Endrin aldehyde	16.7	10.93	66	35 - 145	
Endrin ketone	16.7	13.00	78	65 - 135	
gamma-BHC (Lindane)	16.7	13.49	81	60 - 125	
gamma-Chlordane	16.7	12.20	73	65 - 125	
Heptachlor	16.7	13.27	80	50 - 140	
Heptachlor epoxide	16.7	12.22	73	65 - 130	
Methoxychlor	16.7	12.22	73	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	55 - 130
Tetrachloro-m-xylene	86	69 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	55 - 130
Tetrachloro-m-xylene	94	69 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	55 - 130
Tetrachloro-m-xylene	83	69 - 125

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55606

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID: MB 560-55606/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/25/2011 1221
Date Prepared: 01/25/2011 0821

Analysis Batch: 560-55628
Prep Batch: 560-55606
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 01251104.D
Initial Weight/Volume: 10.01 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Over C12-C28	9.99	U	9.99	50.0
Over C28-C35	9.99	U	9.99	50.0
C6-C12	9.99	U	9.99	50.0
C6-C35	9.99	U	9.99	50.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	127	70 - 130
1-Chlorooctane (Surr)	114	70 - 130

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 560-55606

Method: TX 1005
Preparation: TX_1005_S_Prep

LCS Lab Sample ID: LCS 560-55606/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/25/2011 1231
Date Prepared: 01/25/2011 0821

Analysis Batch: 560-55628
Prep Batch: 560-55606
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 01251105.D
Initial Weight/Volume: 10.03 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 560-55606/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/25/2011 1240
Date Prepared: 01/25/2011 0821

Analysis Batch: 560-55628
Prep Batch: 560-55606
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 01251106.D
Initial Weight/Volume: 9.97 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C6-C35	109	104	75 - 125	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	126	121	70 - 130
1-Chlorooctane (Surr)	115	113	70 - 130

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 560-55606

Method: TX 1005
Preparation: TX_1005_S_Prep

LCS Lab Sample ID:	LCS 560-55606/2-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 560-55606/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	01/25/2011 1231			Date Analyzed:	01/25/2011 1240
Date Prepared:	01/25/2011 0821			Date Prepared:	01/25/2011 0821

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
C6-C35	249	251	272.9	261.9

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55606

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	560-24119-42	Analysis Batch:	560-55628	Instrument ID:	SVGC#4
Client Matrix:	Solid	Prep Batch:	560-55606	Lab File ID:	01251108.D
Dilution:	1.0			Initial Weight/Volume:	10.00 g
Date Analyzed:	01/25/2011 1300			Final Weight/Volume:	10 mL
Date Prepared:	01/25/2011 0821			Injection Volume:	1 uL

MSD Lab Sample ID:	560-24119-42	Analysis Batch:	560-55628	Instrument ID:	SVGC#4
Client Matrix:	Solid	Prep Batch:	560-55606	Lab File ID:	01251109.D
Dilution:	1.0			Initial Weight/Volume:	9.99 g
Date Analyzed:	01/25/2011 1309			Final Weight/Volume:	10 mL
Date Prepared:	01/25/2011 0821			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C35	101	95	75 - 125	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	124	124	70 - 130
1-Chlorooctane (Surr)	116	116	70 - 130

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55606

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	560-24119-42	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/25/2011 1300		
Date Prepared:	01/25/2011 0821		

MSD Lab Sample ID:	560-24119-42
Client Matrix:	Solid
Dilution:	1.0
Date Analyzed:	01/25/2011 1309
Date Prepared:	01/25/2011 0821

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C35	12.5	J	280	278	296.0	276.3

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55671

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID: MB 560-55671/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1240
Date Prepared: 01/26/2011 0856

Analysis Batch: 560-55688
Prep Batch: 560-55671
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 01261104.D
Initial Weight/Volume: 10.04 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Over C12-C28	9.96	U	9.96	49.8
Over C28-C35	9.96	U	9.96	49.8
C6-C12	9.96	U	9.96	49.8
C6-C35	9.96	U	9.96	49.8

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	116	70 - 130
1-Chlorooctane (Surr)	107	70 - 130

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 560-55671

Method: TX 1005
Preparation: TX_1005_S_Prep

LCS Lab Sample ID: LCS 560-55671/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1249
Date Prepared: 01/26/2011 0856

Analysis Batch: 560-55688
Prep Batch: 560-55671
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 01261105.D
Initial Weight/Volume: 9.96 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 560-55671/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1259
Date Prepared: 01/26/2011 0856

Analysis Batch: 560-55688
Prep Batch: 560-55671
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 01261106.D
Initial Weight/Volume: 9.98 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C6-C35	107	108	75 - 125	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	116	117	70 - 130
1-Chlorooctane (Surr)	111	113	70 - 130

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 560-55671

Method: TX 1005
Preparation: TX_1005_S_Prep

LCS Lab Sample ID:	LCS 560-55671/2-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 560-55671/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	01/26/2011 1249			Date Analyzed:	01/26/2011 1259
Date Prepared:	01/26/2011 0856			Date Prepared:	01/26/2011 0856

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
C6-C35	251	251	267.9	270.6

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55671

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	560-24119-45	Analysis Batch:	560-55688	Instrument ID:	SVGC#4
Client Matrix:	Solid	Prep Batch:	560-55671	Lab File ID:	01261108.D
Dilution:	1.0			Initial Weight/Volume:	10.00 g
Date Analyzed:	01/26/2011 1318			Final Weight/Volume:	10 mL
Date Prepared:	01/26/2011 0856			Injection Volume:	1 uL

MSD Lab Sample ID:	560-24119-45	Analysis Batch:	560-55688	Instrument ID:	SVGC#4
Client Matrix:	Solid	Prep Batch:	560-55671	Lab File ID:	01261109.D
Dilution:	1.0			Initial Weight/Volume:	10.00 g
Date Analyzed:	01/26/2011 1328			Final Weight/Volume:	10 mL
Date Prepared:	01/26/2011 0856			Injection Volume:	1 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C35	108	110	75 - 125	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	117	121	70 - 130
1-Chlorooctane (Surr)	112	116	70 - 130

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55671

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	560-24119-45	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/26/2011 1318		
Date Prepared:	01/26/2011 0856		

MSD Lab Sample ID:	560-24119-45
Client Matrix:	Solid
Dilution:	1.0
Date Analyzed:	01/26/2011 1328
Date Prepared:	01/26/2011 0856

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C35	11.0	U	275	276	297.3	304.4

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55671

Method: TX 1006
Preparation: TX 1006 Frac

Lab Sample ID: MB 560-55671/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/04/2011 0332
Date Prepared: 02/01/2011 1000

Analysis Batch: 560-56010
Prep Batch: 560-55671
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 02031174.D
Initial Weight/Volume: 10.04 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
nC6 Aliphatics	21.68	J	9.96	49.8
Over C6-C8 aliphatics	9.96	U	9.96	49.8
Over C8-C10 aliphatics	9.96	U	9.96	49.8
Over C10-C12 aliphatics	9.96	U	9.96	49.8
Over C12-C16 aliphatics	9.96	U	9.96	49.8
Over C16-C21 aliphatics	9.96	U	9.96	49.8
Over C21-C35 aliphatics	9.96	U	9.96	49.8
Over C6-C35 aliphatics	21.68	J	9.96	49.8
Over C6-C35	9.96	U	9.96	49.8

Method Blank - Batch: 560-55671

Method: TX 1006
Preparation: TX 1006 Frac

Lab Sample ID: MB 560-55671/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/04/2011 0459
Date Prepared: 02/01/2011 1000

Analysis Batch: 560-56010
Prep Batch: 560-55671
Units: mg/Kg

Instrument ID: SVGC#4
Lab File ID: 02031183.D
Initial Weight/Volume: 10.04 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Over C21-C35 aromatics	9.96	U	9.96	49.8
Over C7-C8 aromatics	9.96	U	9.96	49.8
Over C8-C10 aromatics	9.96	U	9.96	49.8
Over C10-C12 aromatics	9.96	U	9.96	49.8
Over C12-C16 aromatics	9.96	U	9.96	49.8
Over C16-C21 aromatics	9.96	U	9.96	49.8
Over C6-C35 aromatics	9.96	U	9.96	49.8
Over C6-C35	9.96	U	9.96	49.8

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 560-55671

Method: TX 1006
Preparation: TX 1006 Frac

LCS Lab Sample ID:	LCS 560-55671/2-B	Analysis Batch:	560-56010	Instrument ID:	SVGC#4
Client Matrix:	Solid	Prep Batch:	560-55671	Lab File ID:	02031175.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	9.96 g
Date Analyzed:	02/04/2011 0342			Final Weight/Volume:	10 mL
Date Prepared:	02/01/2011 1000			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 560-55671/3-B	Analysis Batch:	560-56010	Instrument ID:	SVGC#4
Client Matrix:	Solid	Prep Batch:	560-55671	Lab File ID:	02031176.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	9.98 g
Date Analyzed:	02/04/2011 0351			Final Weight/Volume:	10 mL
Date Prepared:	02/01/2011 1000			Injection Volume:	1 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Over C6-C35	86	82	60 - 140	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl (Surr)	0	0	
1-Chlorooctane	55	31	

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl (Surr)	92	71	
1-Chlorooctane	28	44	

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 560-55671

Method: TX 1006
Preparation: TX 1006 Frac

LCS Lab Sample ID:	LCS 560-55671/2-B	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 560-55671/3-B
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	02/04/2011 0342			Date Analyzed:	02/04/2011 0351
Date Prepared:	02/01/2011 1000			Date Prepared:	02/01/2011 1000

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Over C6-C35	268	271	229.3	221.2

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55613

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 560-55613/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 0045
Date Prepared: 01/25/2011 0900

Analysis Batch: 560-55875
Prep Batch: 560-55613
Units: mg/Kg

Instrument ID: Micpms
Lab File ID: 139SMPL.D#.raw
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Silver	0.0686	U	0.0686	0.250
Arsenic	0.1120	J	0.0499	0.250
Barium	0.109	U	0.109	0.250
Cadmium	0.0721	U	0.0721	0.250
Chromium	0.112	U	0.112	0.250
Lead	0.205	U	0.205	0.500
Selenium	0.05500	J	0.0435	0.250

Lab Control Sample - Batch: 560-55613

Method: 6020
Preparation: 3050B

Lab Sample ID: LCS 560-55613/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/01/2011 0051
Date Prepared: 01/25/2011 0900

Analysis Batch: 560-55875
Prep Batch: 560-55613
Units: mg/Kg

Instrument ID: Micpms
Lab File ID: 140SMPL.D#.raw
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	20.0	21.41	107	80 - 120	
Arsenic	20.0	20.94	105	80 - 120	
Barium	20.0	21.81	109	80 - 120	
Cadmium	20.0	21.72	109	80 - 120	
Chromium	20.0	20.82	104	80 - 120	
Lead	20.0	21.80	109	80 - 120	
Selenium	20.0	22.73	114	80 - 120	

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55613

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	560-24119-45	Analysis Batch:	560-55875	Instrument ID:	Micpms
Client Matrix:	Solid	Prep Batch:	560-55613	Lab File ID:	145SMPL.D#.raw
Dilution:	1.0			Initial Weight/Volume:	+0001.161 g
Date Analyzed:	02/01/2011 0118			Final Weight/Volume:	50 mL
Date Prepared:	01/25/2011 0900				

MSD Lab Sample ID:	560-24119-45	Analysis Batch:	560-55875	Instrument ID:	Micpms
Client Matrix:	Solid	Prep Batch:	560-55613	Lab File ID:	146SMPL.D#.raw
Dilution:	1.0			Initial Weight/Volume:	+0001.173 g
Date Analyzed:	02/01/2011 0124			Final Weight/Volume:	50 mL
Date Prepared:	01/25/2011 0900				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	93	93	75 - 125	1	25		
Arsenic	72	74	75 - 125	1	25	N	N
Barium	112	91	75 - 125	5	25		
Cadmium	87	86	75 - 125	1	25		
Chromium	103	101	75 - 125	2	25		
Lead	102	97	75 - 125	4	25		
Selenium	89	87	75 - 125	3	25		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55613

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	560-24119-45	Units: mg/Kg	MSD Lab Sample ID: 560-24119-45
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	02/01/2011 0118		Date Analyzed: 02/01/2011 0124
Date Prepared:	01/25/2011 0900		Date Prepared: 01/25/2011 0900

	Sample		MS Spike	MSD Spike	MS		MSD	
Analyte	Result/Qual		Amount	Amount	Result/Qual		Result/Qual	
Silver	0.0734	U	18.9	18.8	17.68		17.43	
Arsenic	1.85		18.9	18.8	15.46	N	15.69	N
Barium	71.7		18.9	18.8	92.85		88.74	
Cadmium	0.0772	U	18.9	18.8	16.42		16.19	
Chromium	7.05		18.9	18.8	26.48		26.06	
Lead	7.14		18.9	18.8	26.52		25.45	
Selenium	0.256	J	18.9	18.8	17.04		16.58	

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FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55617

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 560-55617/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/31/2011 1853
Date Prepared: 01/24/2011 1600

Analysis Batch: 560-55875
Prep Batch: 560-55617
Units: mg/Kg

Instrument ID: Micpms
Lab File ID: 075SMPL.D#.raw
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Silver	0.0686	U	0.0686	0.250
Arsenic	0.0499	U	0.0499	0.250
Barium	0.109	U	0.109	0.250
Cadmium	0.0721	U	0.0721	0.250
Chromium	0.112	U	0.112	0.250
Lead	0.205	U	0.205	0.500
Selenium	0.06365	J	0.0435	0.250

Lab Control Sample - Batch: 560-55617

Method: 6020
Preparation: 3050B

Lab Sample ID: LCS 560-55617/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/31/2011 1916
Date Prepared: 01/24/2011 1600

Analysis Batch: 560-55875
Prep Batch: 560-55617
Units: mg/Kg

Instrument ID: Micpms
Lab File ID: 079SMPL.D#.raw
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	20.0	20.48	102	80 - 120	
Arsenic	20.0	19.23	96	80 - 120	
Barium	20.0	20.76	104	80 - 120	
Cadmium	20.0	20.29	101	80 - 120	
Chromium	20.0	19.64	98	80 - 120	
Lead	20.0	20.43	102	80 - 120	
Selenium	20.0	21.13	106	80 - 120	

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55617

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	560-24119-42	Analysis Batch:	560-55875	Instrument ID:	Micpms
Client Matrix:	Solid	Prep Batch:	560-55617	Lab File ID:	081SMPL.D#.raw
Dilution:	1.0			Initial Weight/Volume:	1.121 g
Date Analyzed:	01/31/2011 1926			Final Weight/Volume:	50 mL
Date Prepared:	01/24/2011 1600				

MSD Lab Sample ID:	560-24119-42	Analysis Batch:	560-55875	Instrument ID:	Micpms
Client Matrix:	Solid	Prep Batch:	560-55617	Lab File ID:	082SMPL.D#.raw
Dilution:	1.0			Initial Weight/Volume:	1.214 g
Date Analyzed:	01/31/2011 1932			Final Weight/Volume:	50 mL
Date Prepared:	01/24/2011 1600				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	94	89	75 - 125	14	25		
Arsenic	81	82	75 - 125	7	25		
Barium	267	298	75 - 125	2	25	N	N
Cadmium	87	87	75 - 125	8	25		
Chromium	102	106	75 - 125	5	25		
Lead	145	421	75 - 125	75	25	N	N
Selenium	85	86	75 - 125	8	25		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55617

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	560-24119-42	Units: mg/Kg	MSD Lab Sample ID: 560-24119-42
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/31/2011 1926		Date Analyzed: 01/31/2011 1932
Date Prepared:	01/24/2011 1600		Date Prepared: 01/24/2011 1600

	Sample		MS Spike	MSD Spike	MS		MSD	
Analyte	Result/Qual		Amount	Amount	Result/Qual		Result/Qual	
Silver	0.0694	U	20.0	18.3	18.83		16.37	
Arsenic	1.71		20.0	18.3	17.94		16.75	
Barium	25.8		20.0	18.3	79.08	N	80.46	N
Cadmium	0.180	J	20.0	18.3	17.51		16.20	
Chromium	3.70		20.0	18.3	24.14		23.04	
Lead	11.4		20.0	18.3	40.40	N	88.62	N
Selenium	0.208	J	20.0	18.3	17.22		15.96	

S. Charfe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Method Blank - Batch: 560-55716

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 560-55716/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1215
Date Prepared: 01/26/2011 0800

Analysis Batch: 560-55715
Prep Batch: 560-55716
Units: mg/Kg

Instrument ID: Mhg1
Lab File ID: 110126S.PRN
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.0180	U	0.0180	0.200

Method Blank - Batch: 560-55716

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 560-55716/28-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1332
Date Prepared: 01/26/2011 0800

Analysis Batch: 560-55715
Prep Batch: 560-55716
Units: mg/Kg

Instrument ID: Mhg1
Lab File ID: 110126S.PRN
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.0180	U	0.0180	0.200

Method Blank - Batch: 560-55716

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 560-55716/51-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1445
Date Prepared: 01/26/2011 0800

Analysis Batch: 560-55715
Prep Batch: 560-55716
Units: mg/Kg

Instrument ID: Mhg1
Lab File ID: 110126S.PRN
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.0180	U	0.0180	0.200

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55716

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 560-55716/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1218
Date Prepared: 01/26/2011 0800

Analysis Batch: 560-55715
Prep Batch: 560-55716
Units: mg/Kg

Instrument ID: Mhg1
Lab File ID: 110126S.PRN
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.417	0.4808	115	80 - 120	

Lab Control Sample - Batch: 560-55716

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 560-55716/29-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1334
Date Prepared: 01/26/2011 0800

Analysis Batch: 560-55715
Prep Batch: 560-55716
Units: mg/Kg

Instrument ID: Mhg1
Lab File ID: 110126S.PRN
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.417	0.4992	120	80 - 120	

Lab Control Sample - Batch: 560-55716

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 560-55716/52-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/26/2011 1454
Date Prepared: 01/26/2011 0800

Analysis Batch: 560-55715
Prep Batch: 560-55716
Units: mg/Kg

Instrument ID: Mhg1
Lab File ID: 110126S.PRN
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.417	0.4425	106	80 - 120	

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-1	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.950 g
Date Analyzed:	01/26/2011 1225		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

MSD Lab Sample ID:	560-24119-1	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.977 g
Date Analyzed:	01/26/2011 1227		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	118	120	75 - 125	1	30		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-21	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.884 g
Date Analyzed:	01/26/2011 1341		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

MSD Lab Sample ID:	560-24119-21	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.901 g
Date Analyzed:	01/26/2011 1344		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	118	108	75 - 125	10	30		

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-42	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.953 g
Date Analyzed:	01/26/2011 1501		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

MSD Lab Sample ID:	560-24119-42	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.942 g
Date Analyzed:	01/26/2011 1503		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

Analyte	% Rec. MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	130	130	75 - 125	0	30	N	N

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-45	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.993 g
Date Analyzed:	01/26/2011 1513		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

MSD Lab Sample ID:	560-24119-45	Analysis Batch: 560-55715	Instrument ID: Mhg1
Client Matrix:	Solid	Prep Batch: 560-55716	Lab File ID: 110126S.PRN
Dilution:	1.0		Initial Weight/Volume: 0.982 g
Date Analyzed:	01/26/2011 1515		Final Weight/Volume: 50 mL
Date Prepared:	01/26/2011 0800		

Analyte	% Rec. MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	110	94	75 - 125	14	30		

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-1	Units: mg/Kg	MSD Lab Sample ID: 560-24119-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/26/2011 1225		Date Analyzed: 01/26/2011 1227
Date Prepared:	01/26/2011 0800		Date Prepared: 01/26/2011 0800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.0125	U	0.305	0.296	0.3591	0.3569

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-21	Units: mg/Kg	MSD Lab Sample ID: 560-24119-21
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/26/2011 1341		Date Analyzed: 01/26/2011 1344
Date Prepared:	01/26/2011 0800		Date Prepared: 01/26/2011 0800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.0114	U	0.345	0.339	0.4075	0.3673

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-42	Units: mg/Kg	MSD Lab Sample ID: 560-24119-42
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	01/26/2011 1501		Date Analyzed: 01/26/2011 1503
Date Prepared:	01/26/2011 0800		Date Prepared: 01/26/2011 0800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Mercury	0.0128	U	0.294	0.295	0.3823	N	0.3832	N

S. Charre

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-55716

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-24119-45	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Date Analyzed:	01/26/2011 1513		
Date Prepared:	01/26/2011 0800		

MSD Lab Sample ID:	560-24119-45
Client Matrix:	Solid
Dilution:	1.0
Date Analyzed:	01/26/2011 1515
Date Prepared:	01/26/2011 0800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.0125	U	0.277	0.281	0.3057	0.2650

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Lab Control Sample - Batch: 560-55659

Method: 9045D
Preparation: N/A

Lab Sample ID: LCS 560-55659/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/25/2011 0830
Date Prepared: N/A

Analysis Batch: 560-55659
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	4.99	5.050	101	98 - 102	

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual

S. Chaffe

FEB 25 11

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
Sdg Number: Project # 56002807

Duplicate - Batch: 560-55615

Method: Moisture
Preparation: N/A

Lab Sample ID: 560-24119-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/24/2011 1600
Date Prepared: N/A

Analysis Batch: 560-55615
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	9.7	9.9	2	20	

Duplicate - Batch: 560-55615

Method: Moisture
Preparation: N/A

Lab Sample ID: 560-24119-30
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/25/2011 0935
Date Prepared: N/A

Analysis Batch: 560-55615
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	5.6	6.3	12	20	

Duplicate - Batch: 560-55615

Method: Moisture
Preparation: N/A

Lab Sample ID: 560-24119-43
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/25/2011 0935
Date Prepared: N/A

Analysis Batch: 560-55615
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	16	15	6	20	

S. Chaffe

FEB 25 11

TPH & 5035 Frozen 01/22 @ 1130

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

Client Information	Sampler: O.A/J.G/P.J	Lab PM: Maingot, Lindy	Carrier Tracking No(s): FedEx 871312148964	COC No: 560-3164.1
Client Contact: David Beeson	Phone: (214)245-1000	E-Mail: lindy.maingot@testamericainc.com		Page: Page 1 of 1
Company: Ecology and Environment, Inc.				Job #: 002338.T101.02
Address: 1412 Main Street Suite 1500	Due Date Requested:			
City: Dallas	TAT Requested (days): 10 day			
State, Zip: TX, 75202				
Phone: 214-245-1000(Fax)	PO #: Purchase Order not requir			
Email: dbeeson@ene.com	WO #:			
Project Name: Bastrop TBA	Project #: 56002807			
Site: Bastrop	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020, 7471A, 8081B, 9045D	8270C - Routine SVOCs	8260B - Routine VOCs	TX_1005, TX_1006	pH (9045D)	Pesticides (8081)	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N				
SB7-0-0.5	1/21/11	1110	G	Solid			X	X	X	X	X		8	
SB7-2-3	1/21/11	1115	G	Solid			X	X	X	X			8	
SB11-0-0.5	1/20/11	1310	G	Solid			X	X	X	X			8	
SB11-2-3	1/20/11	1320	G	Solid			X	X	X	X			8	
SB12-0-0.5	1/20/11	1335	G	Solid			X	X	X	X		X	8	
SB12-2-3	1/20/11	1345	G	Solid			X	X	X	X			8	
IDW-5	1/21/11	1150	C	Solid			X	X	X	X			8	
Trip blank 011311-A	1/21/11	—		~~Solid~~ W					X				2	
SB5-0-0.5	1/21/11	1015	G	Solid			X	X	X	X			8	
SB5-2-3	1/21/11	1020	G	Solid			X	X	X	X			8	
SB6-0-0.5	1/21/11	1045	G	Solid			X	X	X	X			8	

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please use the Chain of Custody for Analysis requested

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1/21/11 1440			1/22/11 1030	TACC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.8C 3.1C 1.1C 1.9 1.6 2.7C IR4

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TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

Client Information	Sampler: O.B/T.G/P.J	Lab PM: Maingot, Lindy	Carrier Tracking No(s): Fedex 871312148964	COC No: 560-3164.2
Client Contact: David Beeson	Phone: (214) 245-1000	E-Mail: lindy.maingot@testamericainc.com		Page: Page 2 of 15
Company: Ecology and Environment, Inc.				Job #: 002338 TULIA
Address: 1412 Main Street Suite 1500	Due Date Requested:			
City: Dallas	TAT Requested (days): 10 day			
State, Zip: TX, 75202				
Phone: 214-245-1000(Fax)	PO #: Purchase Order not requir			
Email: dbeeson@ene.com	WO #:			
Project Name: Bastrop TBA	Project #: 56002807			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020, 7471A, 8081B, 9045D	8270C - Routine SVOCs	8260B - Routine VOCs	TX_1005, TX_1006	pH (9045D)	Pesticides (8081)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N				
SB6-2-3	1/21/11	1050	G	Solid			X	X	X	X			8	
SBDUP-2	1/21/11	—	G	Solid			X	X	X	X			8	
SBDUP-3	1/21/11	—	G	Solid			X	X	X	X			8	
Trip blank 01/31/11-B	1/21/11	—		Solid					X				2	
SB1-0-0.5	1/20/11	1000	G	Solid			X	X	X	X			8	
SB1-2-3	1/20/11	1020	G	Solid			X	X	X	X			8	
SB2-0-0.5	1/20/11	1035	G	Solid			X	X	X	X			8	
SB2-2-3	1/20/11	1050	G	Solid			X	X	X	X			8	
SB3-0-0.5	1/20/11	1125	G	Solid			X	X	X	X	X		8	
SB3-2-3	1/20/11	1135	G	Solid			X	X	X	X			8	
SB4-0-0.5	1/20/11	1100	G	Solid			X	X	X	X			8	

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Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please use the Chain of Custody for analysis requested

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 1/21/11 1440	Company	Received by:	Date/Time: 01/22/11 1030	Company TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

Client Information	Sampler: O.A/J.G/A.J	Lab PM: Maingot, Lindy	Carrier Tracking No(s): Fed Ex 871312148964	COC No: 560-3164.3
Client Contact: David Beeson	Phone: 214)245-1000	E-Mail: lindy.maingot@testamericainc.com		Page: Page 3 of 5
Company: Ecology and Environment, Inc.				Job #: AQ2338: TUH.02
Address: 1412 Main Street Suite 1500	Due Date Requested:			Preservation Codes:
City: Dallas	TAT Requested (days): 10 day			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
State, Zip: TX, 75202				
Phone: 214-245-1000(Fax)	PO #: Purchase Order not requir			Other:
Email: dbeeson@ene.com	WO #:			
Project Name: Bastrop TBA	Project #: 56002807			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020, 7471A, 8081B, 9045D	8270C - Routine SVOCs	8260B - Routine VOCs	TX_1005, TX_1006	pH (9045D)	Pesticides (8081)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N				
SB4-2-3	1/20/11	1110	G	Solid			X	X	X	X			8	
Trip blank 011311-C	—	—	—	W Solid					X				2	
SBDup-1	1/20/11	—	G	Solid			X	X	X	X			8	
SB8-0-0.5	1/20/11	1210	G	Solid			X	X	X	X			8	
SB8-2-3	1/20/11	1220	G	Solid			X	X	X	X			8	
SB17-0-0.5	1/20/11	1510	G	Solid			X	X	X	X			8	
SB17-2-3	1/20/11	1520	G	Solid			X	X	X	X			8	
SB18-0-0.5	1/20/11	1525	G	Solid			X	X	X	X	X		8	
SB18-2-3	1/20/11	1530	G	Solid			X	X	X	X			8	
Trip blank 011311-D	—	—	—	W Solid					X				2	
				Solid										

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Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements: Please use the Chain of Custody for the Analysis Requested

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1/21/11 1440		[signature]	01/22/11 1030	TACC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

Client Information	Sampler: O.R/S. G/P.J	Lab PM: Maingot, Lindy	Carrier Tracking No(s): Fed Ex 871312/48964	COC No: 560-3164.4
Client Contact: David Beeson	Phone: 214)245-1000	E-Mail: lindy.maingot@testamericainc.com		Page: Page 4 of 5
Company: Ecology and Environment, Inc.				Job #: 002338.TUH.02
Address: 1412 Main Street Suite 1500	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Dallas	TAT Requested (days): 10 day			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
State, Zip: TX, 75202	PO #: Purchase Order not requir			
Phone: 214-245-1000(Fax)	WO #:			
Email: dbeeson@ene.com	Project #: 56002807			Other:
Project Name: Bastrop TBA	SSOW#:			
Site: Bastrop				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020, 7471A, 8081B, 9045D	8270C - Routine SVOCs	8260B - Routine VOCs	TX_1005, TX_1006	pH (9045D)	Pesticides (8081)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N				
SB13-0-0.5	1/20/11	1350	G	Solid			X	X	X	X			8	
SB13-2-3	1/20/11	1400	G	Solid			X	X	X	X			8	
SB14-0-0.5	1/20/11	1410	G	Solid			X	X	X	X			8	
SB14-2-3	1/20/11	1420	G	Solid			X	X	X	X			8	
SB15-0-0.5	1/20/11	1425	G	Solid			X	X	X	X			8	
SB15-2-3	1/20/11	1435	G	Solid			X	X	X	X			8	
SB16-0-0.5	1/20/11	1450	G	Solid			X	X	X	X		X	8	
SB16-2-3	1/20/11	1500	G	Solid			X	X	X	X			8	
Trip blank 011311-E	1/21/11	—	—	W Solid					X				2	
				Solid										
				Solid										

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please use the Chain of Custody for the Analysis Requested

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Cliatte	Date/Time: 1/21/11 1440	Company	Received by:	Date/Time: 01/22/11 1030	Company: TACC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

Client Information	Sampler: O.A/J.G./P.J	Lab PM: Maingot, Lindy	Carrier Tracking No(s): FedEx 871312148964	COC No: 560-3164.4
Client Contact: David Beeson	Phone: 214) 245-1000	E-Mail: lindy.maingot@testamericainc.com		Page: 5 Page 4 of 4 5
Company: Ecology and Environment, Inc.				Job #: 002338.TV11.02
Address: 1412 Main Street Suite 1500	Due Date Requested:			
City: Dallas	TAT Requested (days): 10 day			
State, Zip: TX, 75202				
Phone: 214-245-1000(Fax)	PO #: Purchase Order not requir			
Email: dbeeson@ene.com	WO #:			
Project Name: Bastrop TBA	Project #: 56002807			
Site: Bastrop	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020, 7471A, 8081B, 9045D	8270C - Routine SVOCs	8260B - Routine VOCs	TX_1005, TX_1006	pH (9045D)	pesticides (8081)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N				
SB9-0-0.5	1/21/11	0920	G	Solid		Y	X	X	X	X	X		24	Includes MS/MSD
~~SB9-0~~ SB9-2-3	1/21/11	0925	G	Solid			X	X	X	X			8	
SB10-0-0.5	1/20/11	1600	G	Solid			X	X	X	X			8	
SB10-2-3	1/20/11	1610	G	Solid		Y	X	X	X	X			24	Includes MS/MSD
Trip blank 011311-F	1/21/11	—	—	W ~~Solid~~					X				2	
				Solid										
				Solid										
				Solid										
				Solid										
				Solid										
				Solid										

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please used the Chain of Custody for the Analysis Requested

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1/21/11 1440		[signature]	01221 1030	TACA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

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S. Chanie FEB 23 11

Login Sample Receipt Check List

Client: Ecology and Environment, Inc.

Job Number: 560-24119-1
SDG Number: Project # 56002807

Login Number: 24119
List Source: TestAmerica Corpus Christi
Creator: McDermott, Vivian
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8°, 3.1°, 1.°, 1.9°, 1.6°, 2.7°C IR 4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	False	5035/TPH Frozen 01/22 @1130: 7 samples collected 01/20 before 1130
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

S. Chaffe

FEB 25 11