LIMITED SUBSURFACE INVESTIGATION OF A FORMER AUTOMOBILE DEALERSHIP LOCATED AT 1311 EAST BRIGGS DRIVE, IN THE CITY OF MACON, (MACON COUNTY), MISSOURI

(Bob Bickhaus Motors, Inc.)

24-Jun-2009

Prepared for:

ZIONS BANK

Zions First National Bank
Credit Management Department
1 South Main Street, Suite 500
Salt Lake City, Utah 84133-1109

Prepared by:

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1.0 INTRODUCTION

Zions First National Bank (Zions Bank) has a secured interest of a former automobile dealership known as Bickhaus Motors, located at 1311 East Briggs Drive, Macon, (Macon County), Florida (*subject property* or *site*). The subject property is located to the northwest of the intersection of East Briggs Drive (US Highway 36 Business Route) and Kellogg Avenue, to the south of US Highway 36, and roughly ½-mile to the east of the US Highway 36 and US Highway 63 interchange (Figure 1). The city of Macon is situated within the southeastern quadrant of Macon County approximately 140 miles to the southeast of Des Moines (Iowa), roughly 140 miles to the northwest of St. Louis, and approximately 80 miles to the north of Jefferson City, the Missouri state capital. The natural landscape of the site vicinity can be generally described as a relatively flat to gently sloping area (Figure 2). The subject property consists of two contiguous parcels of land that have a combined total of roughly 23 acres and have an irregular shape. Development on the site is limited to the smaller parcel along East Briggs Drive and consists of an approximately 19,900-square foot automobile dealership building that contains sales offices, vehicle maintenance areas, and a carwash that is surrounded by a combination of asphalt and concrete pavement as well as limited landscaping and two outbuildings. The limited subsurface investigation was undertaken to evaluate specific environmental issues identified by a Phase I Environmental Site Assessment (ESA) completed on 17-April-2009. As noted above, this investigation was undertaken prior to the exercise of enforcement of Zions Bank's secured interest in the subject property to identify if operations conducted on the site by the mortgagor and/or current and historic site uses have impacted the subject property.

1.1 Background

A Phase I ESA was conducted on the subject property, "Phase I Environmental Site Assessment of A Former Automobile Dealership Located at 1311 East Briggs Drive, In the City of Macon, (Macon County), Missouri" dated 17-Apr-2009, by EarthTouch, Inc. This document should be referred to as necessary with respect to the background conditions of the subject property. The Phase I ESA identified numerous *recognized environmental conditions* at the subject property associated with automobile maintenance and repair activities, including; the former presence of an underground storage tank (UST) that was installed and removed from the ground without confirmation sampling; three aboveground storage tanks (ASTs) with a combined capacity of roughly 1,000 gallons; approximately 700 gallons of petroleum products and automotive fluids in smaller containers; 55-gallon drums of hazardous substances and petroleum products; three oil-water separators; a below grade hydraulic lift; and a reported release of kerosene from an AST.

1.2 Objectives and Scope of Work

The purpose of the scope of service performed by EarthTouch, Inc. was to perform subsurface sampling in selected areas based on the potential for adverse impact from current and historic site uses in conjunction with pending foreclosure proceedings. Subsurface investigation activities included:

- Advancing up to six subsurface borings up to 30 feet below ground surface (bgs);
- Collecting at least one soil sample per boring;
- Collecting a soil or water sample from one of the three sumps on the site;
- Analyzing selected soil and/or groundwater samples for volatile organic compounds (VOCs), total petroleum hydrocarbons diesel and gasoline range organics (TPH-DRO, TPH-GRO), and/or polychlorinated biphenyls (PCBs); and
- Preparing a summary report of activities and analytical results.

Determination of the location of the sampling points was based on a review of surface features, identified historical uses of the site, underground and overhead utilities, vegetation, structures, as well as accessibility issues. The sample locations (shown in Figure 3) for the subject property are delineated below:

- Boring B-1: located near the western side of the most northwestern building at the site of historic aboveground storage tanks;
- Boring B-2: situated near the northeast corner of the main building by the existing aboveground storage tank;
- Boring B-3: located in the gravel storage yard near the northeast corner of the main building down gradient of the chemical storage room;
- Boring B-4: located along the eastern elevation of the main building within the parking lot area down-gradient of the chemical storage room;
- Boring B-5: located in the parking area to the north of the main building in close proximity to the northwest corner at the location of the former carwash; and
- Boring B-6: Located to the south of the main building in the parking lot area down-gradient of the structures on the subject property.

2.0 LIMITED SUBSURFACE INVESTIGATION

Ms. Buffie Chournos of EarthTouch, Inc. (EarthTouch) conducted limited subsurface sampling activities at the site on 27-May-2009, including the advancement of borings and collection of soil and groundwater samples. At each boring location the one to two soil samples were collected using a stainless steel hand auger and completed using a direct push drilling rig. The direct push drilling rig was operated by Direct Push Analytical Corporation of Elburn, Illinios. Soil samples were continuously collected using a two-inch diameter direct push sampling probe lined with disposable liners; soil samples were collected in the liners which were then removed from the probe and opened for review of the soil. Collected soil samples were reviewed for visual and olfactory evidence of impact; collected soil samples were determined by depth and location of each boring as specified below:

- B-1 S-1: collected from 3 to 4 feet below ground surface (bgs) (analyzed for TPH-DRO and TPH-GRO);
- B-2 S-1: collected from 4 to 6 feet bgs (analyzed for TPH-DRO and TPH-GRO);
- B-3 S-1: collected from 2 to 4 feet bgs (analyzed for VOCs, TPH-DRO, and TPH-GRO);
- B-3 S-2: collected from 21 to 23 feet bgs (analyzed for VOCs, PCBs, THP-DRO, and TPH-GRO);
- B-4 S-1: collected from 16 to 19 feet bgs (analyzed for VOCs, PCBs, TPH-DRO, and TPH-GRO);

- B-5 S-1: collected from 10 to 12 feet bgs (analyzed for VOCs, TPH-DRO, and TPH-GRO);
- B-6 S-1: collected from 1 to 3 feet bgs (analyzed for VOCs, TPH-DRO, and TPH-GRO); and
- CWSMP: collected from the carwash sump and drain (analyzed for VOCs, TPH-DRO, and TPH-GRO).

Liquid samples were collected from a sump located in the northeastern storage room and from the northeast sump within the main building repair and maintenance room and analyzed for VOCs, TPH-DRO, and TPH-GRO.

Each of the borings was backfilled using soil cuttings and/or bentonite chips and the surface restored. Soil and groundwater samples were collected in new, specially cleaned containers provided by the analytical laboratory and specific to the analysis to be performed. If appropriate for the analysis, each sample container was filled completely so that no headspace was present in the containers. Sample containers were labeled with the site name, samples designation, and date and time of collection and placed in a rigid cooler and chilled to approximately four degrees Celsius for transport to the analytical laboratory. A chain-of-custody was completed for the samples, which were delivered to TestAmerica, Inc. of St. Louis, Missouri for analysis.

Analytical results for the analyzed soil and groundwater samples are presented in the attached Table 1. Table 1 also contains the regulatory levels for detected analytes. Copies of the analytical data and laboratory report are attached to this document in Appendix A.

2.1 Discussion of Analytical Results

Laboratory analysis of the soil and groundwater samples collected from each of the six direct push borings indicated that some VOCs were detected at concentrations above the laboratory limit of detection (LLD). However, all of these detected analytes were found at concentrations less than the *Missouri Risk-Based Corrective Action Table B-1 – Lowest Default Target Levels All Soil Types and All Pathways* as found from the Missouri Department of Environmental Quality (DEQ). No other analytes were detected above the LLD.

3.0 SUMMARY OF RELEVANT FINDINGS

The following conclusions are based upon a review of the results of a limited subsurface investigation of the subject property:

- This investigation was undertaken prior to the exercise of enforcement of Zions Banks' secured interest in the subject property to identify if the subject property has been impacted by operations conducted on the site by the mortgagor and historic site uses.

- As identified in the discussion of the analytical results, some analytes were found at concentrations above the LLD but below the referenced regulatory standards. The subject property does not appear to have been significantly impacted by the site or host property uses. Analytical results and analysis are restricted to the locations sampled during the limited subsurface investigation.

- During the site investigation, drums containing waste oil, tanks with petroleum products, and oil products were observed. An auction that included the sale of remaining materials on the site was being conducted during the during the limited subsurface investigation activities and the quantities remaining are unknown at this time. Hazardous or non-hazardous regulated materials, such the sump sediment and water and any remaining drums or above ground storage tanks, remaining on site

would need to be properly disposed of as part of the "winding-up" of business operations after foreclosure.

4.0 LIMITATIONS

This project was performed using, as a minimum, practices consistent with the standards acceptable within the industry at the time of the evaluation, and a level of diligence typically exercised by environmental consultants performing similar services. The methods used in the performance of this scope of work were presented to and discussed with representatives of Zions Bank prior to initiating field activities. These methods may have been altered in the field as a result of actual site conditions. The procedures used attempt to establish a balance between the competing goals of limiting investigative sampling and reporting costs and reducing uncertainty about known field conditions. It is possible that unexpected subsurface conditions could be encountered in areas that were not physically sampled. Therefore, because the conditions of this report were derived from the scope of work, costs, time, access and other limitations, the conclusions should not be construed as a guarantee that all environmental liabilities have been identified and fully addressed.

This report presents the opinion and judgment of EarthTouch, Inc. professionals, which are dependant on the information obtained during the performance of the scope of work. It should be noted that no investigation can be thorough enough to exclude the possible presence of potential liabilities at a site. In cases where contaminants have not been discovered through intrusive exploration and analysis, this should not be construed as a guarantee that contaminants do not exist. At a given site, environmental conditions may exist that cannot be identified by visual observations or through other analytical methodology. Where sample collecting and testing have been performed, EarthTouch, Inc. professional opinions are based in part on the interpretation of data from discrete sampling locations that may not represent conditions at unsampled locations or the subject property as a whole. EarthTouch, Inc. assumes no responsibility for omissions or errors resulting from inaccurate information, or data provided by secondary sources or public records.

No warranty or guarantee, expressed or implied, is made regarding the findings, conclusions or recommendations contained within this report. The limitations presented above supersede the requirements or provisions of all other contracts or scopes of work, implied or otherwise except those stated or acknowledged herein.

5.0 QUALIFICATIONS OF TECHNICAL STAFF

Short resumes for the environmental professionals contributing to the completion of this report are included in this section.

Buffie R. Chournos ***Project Analyst***

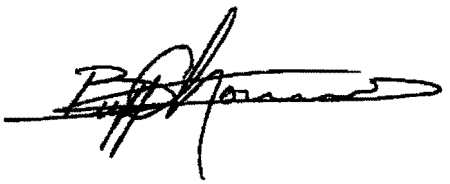
Ms. Chournos has earned a degree in Geology with an emphasis in Environmental Geology from Georgia State University. She has been involved with a range of geophysical projects since her graduation. Ms. Chournos has performed projects like Seismic Refraction, Vibration Monitoring, and Electromagnetic studies throughout Georgia as well as North Carolina and Alabama. She has also performed numerous environmental evaluations including Phase I Environmental Site Assessments, Phase II site evaluations, and NEPA evaluations.

Brett E. Cox ***Senior Scientist***

Mr. Cox has a diverse educational background and professional experience in environmental compliance, air quality, asbestos, geology, and geophysics. He has managed environmental site assessments and subsurface investigations, conducted compliance evaluations, and managed remedial action projects, and developed and implemented large-scale site evaluation programs. Mr. Cox has conducted and managed site assessment programs that have involved hundreds of Phase I ESAs and NEPA checklist evaluations of proposed wireless telecommunications sites in seven western states. As a project manager, he has overseen a multi-disciplinary effort to complete site evaluations, formulate deliverables, interface with relevant regulatory agencies, and complete additional environmental processing in compliance with Federal Communications Commission rules. Scopes of work completed have included FCC-focused NEPA Checklist evaluations, Phase I ESAs, ASTM Transaction Screens, geotechnical analysis, soil and groundwater contaminant assessment, historical/cultural resource inventories, biological assessments/inventories, and Environmental Assessments.

5.1 Technical Staff Signatures

The following EarthTouch, Inc. personnel were responsible for this Site Characterization.



Buffie R. Chournos
Project Analyst
Phase I Environmental Site Assessment

Brett E. Cox
Senior Scientist
Technical Review

FIGURE 1

SITE LOCATION
(Street Map)

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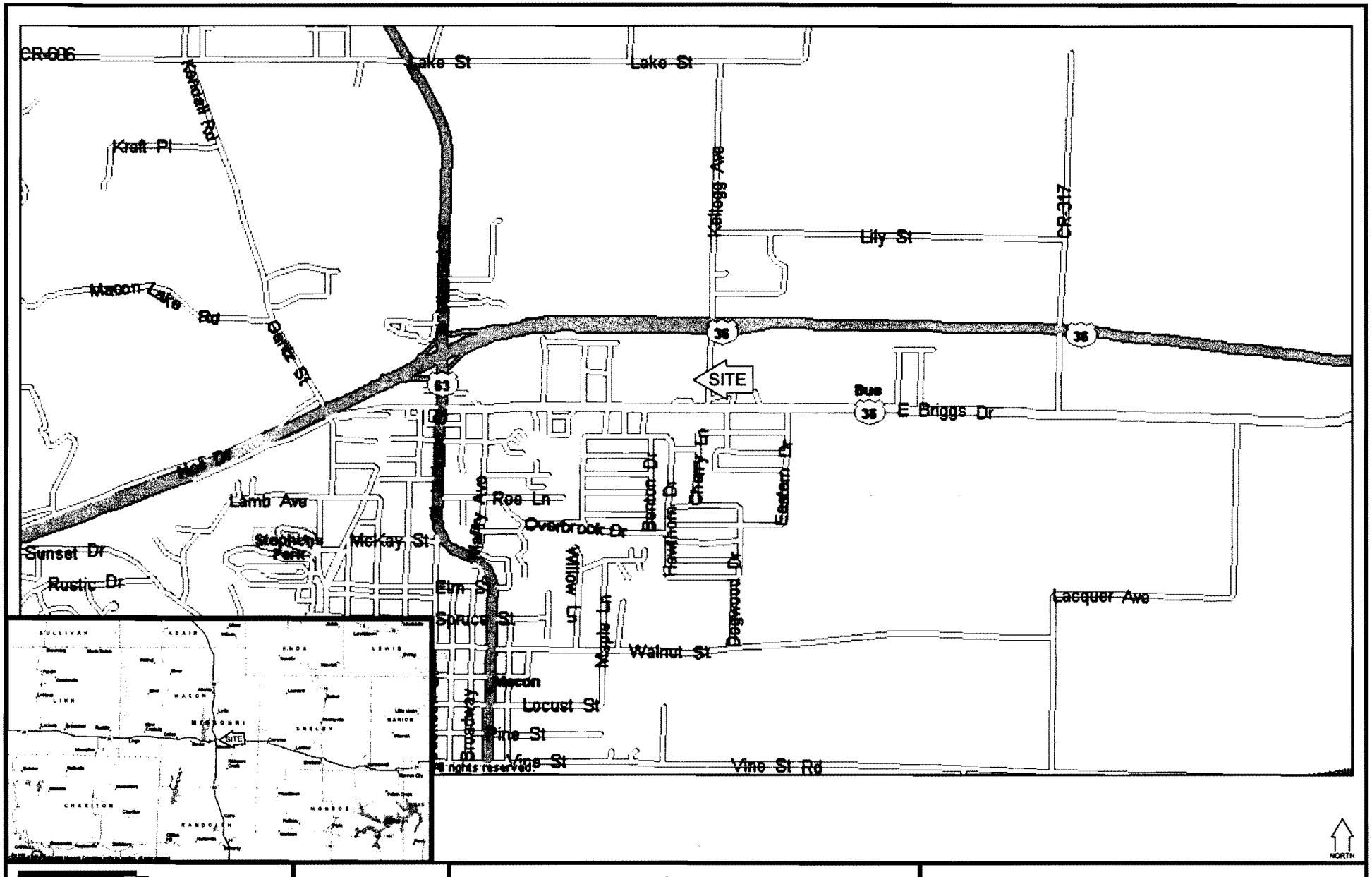


earthTouch inc

EarthTouch, Inc.
3135 North Fairfield Road
Layton, Utah 84041

FIGURE 1
Site Location
(Street Map)

Zion-784 / Bob Bickhaus Motors, Inc.
1311 East Briggs Drive
Macon, (Macon County), Missouri 63552

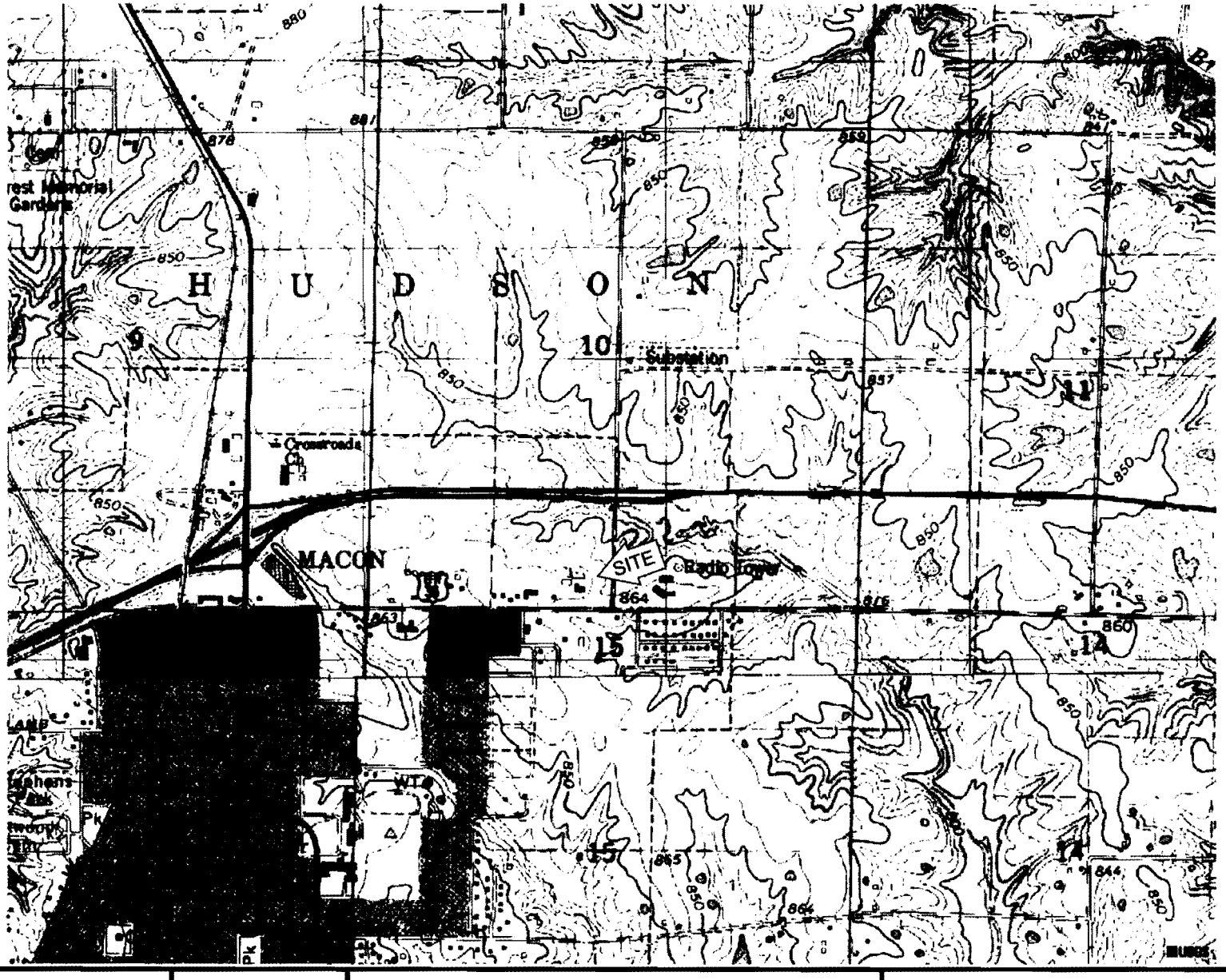
Figure: 1
Append: Limited Subsurface Investigation

Project: Zion-784-MO / Bob Bickhaus Motors, Inc.
Analyst: Buffie Chournos

Source: MS Streets & Trips 2007 Edition
Macon, Missouri

FIGURE 2

TOPOGRAPHIC MAP



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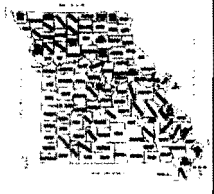

FIGURE 2

Topographic Map

Zion-784 / Bob Bickhaus Motors, Inc.
1311 East Briggs Drive
Macon, (Macon County), Missouri 63552

Figure: 2
Append: Limited Subsurface Investigation

Project: Zion-784-MO / Bob Bickhaus Motors, Inc.
Analyst: Buffie Chournos

Source: US Geological Survey 7.5-minute quadrangle series
Axtel (Missouri) quadrangle map

FIGURE 3

BORING LOCATIONS

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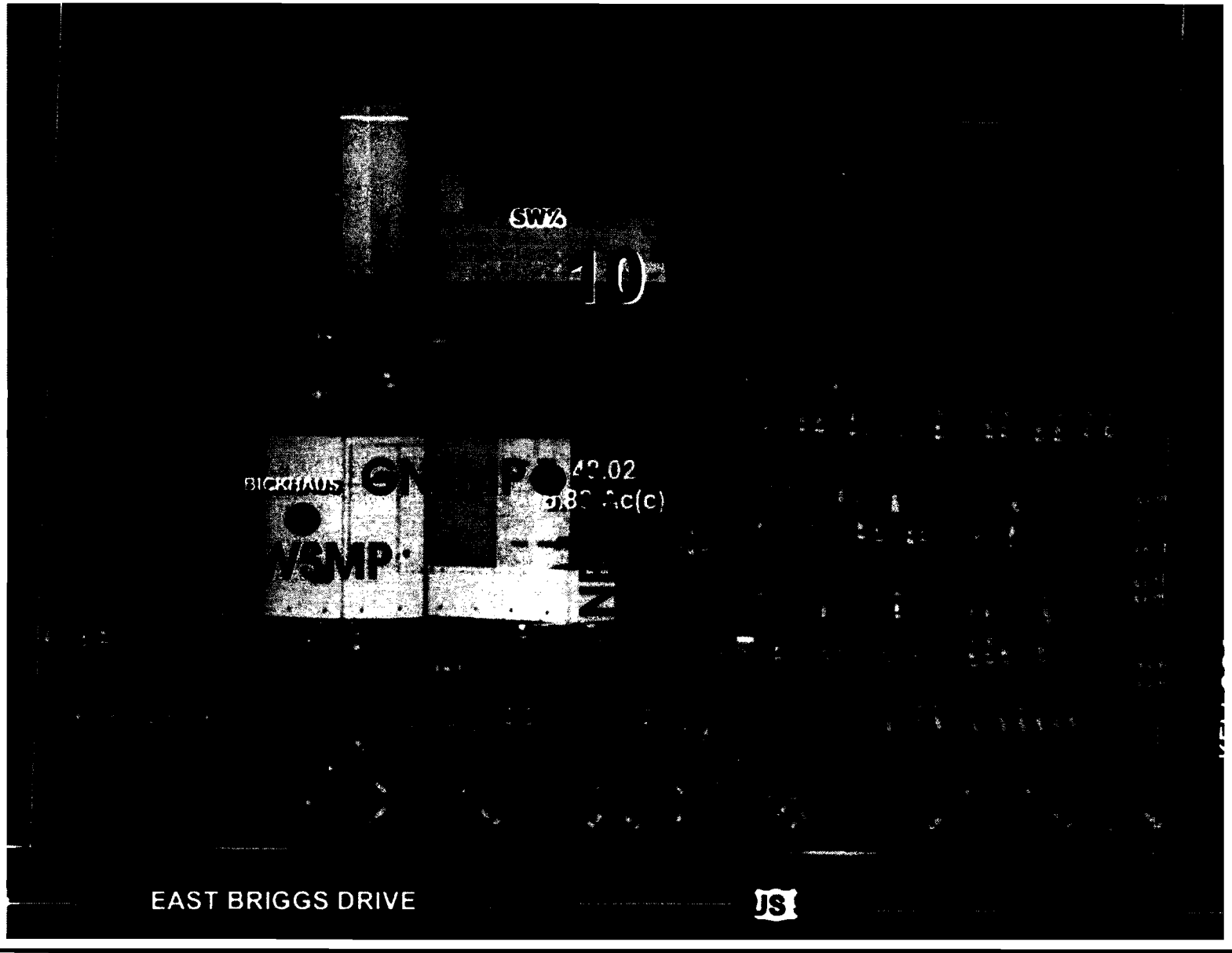

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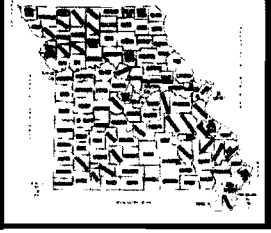

FIGURE 3

Boring Locations

Zion-784 / Bob Bickhaus Motors, Inc.
1311 East Briggs Drive
Macon, (Macon County), Missouri 63552

Figure: 3
Append: Limited Subsurface Investigation

Project: Zion-784-MO / Bob Bickhaus Motors, Inc.
Analyst: Buffie Chournos

Source: Google Earth

TABLE 1

SOIL AND GROUNDWATER ANALYTICAL RESULTS

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Table 1
Soil and Groundwater Analytical Results

Detected Analytes	Water Sample ID		Groundwater Target Cleanup Levels^	Soil Sample ID						Soil Target Cleanup Levels^^
	ug/L			ug/Kg						
	NESMP	CNSMP	Lowest Default Target Level Groundwater	B-3 S-1	B-3 S-2	B-4 S-1	B-5 S-1	B-6 S-1	CWSMP	Lowest Default Target Level
Methyl-Ethyl-Ketone	5.3	1.4	3640	9.9	BLLD	BLLD	BLLD	12	BLLD	7,300
Toluene	0.38	1.5	1000	BLLD	BLLD	BLLD	BLLD	BLLD	BLLD	NA
Total Xylenes	BLLD	3	10,000	BLLD	BLLD	BLLD	BLLD	BLLD	BLLD	NA
1, 2 - Dichlorobenzene	BLLD	2.6	NA	0.52	BLLD	BLLD	BLLD	BLLD	BLLD	56,100
1, 2 - Dichloroethane	BLLD	5.8	NA	BLLD	1.4	BLLD	BLLD	BLLD	BLLD	21
1, 2 - Dichloropropane	BLLD	BLLD	NA	BLLD	0.6	BLLD	BLLD	BLLD	BLLD	42
Styrene	BLLD	BLLD	NA	BLLD	BLLD	0.33	0.28	BLLD	BLLD	11,700
Acetone	16	15	2970	34	BLLD	BLLD	BLLD	96	13	220,000
Ethylbenzene	BLLD	0.58	700	BLLD	BLLD	BLLD	BLLD	BLLD	BLLD	NA

^ Missouri Risk-Based Corrective Action Lowest Default Targel Levels All Soil Types and All Pathways Table B-1
^^ Missouri Risk-Based Corrective Action Lowest Default Targel Levels All Soil Types and All Pathways Table B-1
BLLD - Below the laboratory limit of detection
NA - Not Applicable

APPENDIX A

LABORATORY REPORT

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Residential Monitoring

Lot #: F9E290228

Eve Dunn

Earth Touch, Inc
3135 N Fairfield, Unit D
Layton, UT 84041

TESTAMERICA LABORATORIES, INC.

Kay Clay
Project Manager

June 18, 2009

Case Narrative
LOT NUMBER: F9E290228

This report contains the analytical results for the 10 samples received under chain of custody by TestAmerica St. Louis on May 28, 2009. These samples are associated with your Residential Monitoring project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted below.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by TestAmerica St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Observations/Nonconformances
Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

Volatiles Method: 8260B

Batch 9160394
The CCV recovery was outside the upper QC limit (greater than 20% D) for Dichlorodifluoromethane and Freon-114, indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or were not target analytes in the associated samples. No further action is required.

The LCS recoveries for Dichlorodifluoromethane, Freon-114 and Chloromethane are outside the upper QC limit, indicating a potential positive bias for these analytes. These analytes were not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The LCS recovery for Acrylonitrile is outside the lower QC limit. This compound is not a target for the samples in this batch, therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The MS and/or MSD recoveries for Dichlorodifluoromethane, Freon-114 and Chloromethane are outside the upper QC limit, indicating a potential positive bias for these analytes. These analytes were not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.

The MS and/or MSD recoveries for Ethyl acetate and Acrylonitrile are outside the lower QC limit. These compounds were not target analytes for the associated samples; therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The analyte 2-Chloroethyl vinyl ether was not detected in the MS/MSD due to sample preservation with hydrochloric acid.
Affected Samples:
F9E290228 (9): BB-NESMP
F9E290228 (10): BB-CNSMP

METHODS SUMMARY

F9E290228

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3510
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3550
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3550B/366
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
Volatile Petroleum Hydrocarbons	SW846 8015 MOD	SW846 5030

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F9E290228

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LD1LP	001	BB1-S1	05/27/09	08:35
LD1LR	002	BB2-S1	05/27/09	10:40
LD1LV	003	BB3-S1	05/27/09	12:40
LD1LX	004	BB3-S2	05/27/09	13:05
LD1L6	005	BB4-S1	05/27/09	14:33
LD1L9	006	BB5-S1	05/27/09	15:15
LD1MC	007	BB6-S1	05/27/09	16:05
LD1ME	008	BB6-CWSMP	05/27/09	09:46
LD1MG	009	BB-NESMP	05/27/09	10:30
LD1MM	010	BB-CNSMP	05/27/09	11:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Earth Touch, Inc

Client Sample ID: BB1-S1

General Chemistry

Lot-Sample #...: F9E290228-001 Work Order #...: LD1LP Matrix.....: SOLID
Date Sampled...: 05/27/09 08:35 Date Received..: 05/28/09
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	23.4	0.10	%	MCAWW 160.3 MOD	06/05-06/08/09	9152321
		Dilution Factor: 1		Analysis Time..: 00:00		

Earth Touch, Inc

Client Sample ID: BB2-S1

GC Volatiles

Lot-Sample #...: F9E290228-002 Work Order #...: LD1LR1AD Matrix.....: SOLID
Date Sampled...: 05/27/09 10:40 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161534 Analysis Time..: 20:03
Dilution Factor: 1
% Moisture.....: 22 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Volatile Petroleum Hydrocarbons	ND	0.13	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	80	(55 - 150)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB3-S1

GC/MS Volatiles

Lot-Sample #...: F9E290228-003 Work Order #...: LD1LV1AE Matrix.....: SOLID
Date Sampled...: 05/27/09 12:40 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161547 Analysis Time..: 13:23
Dilution Factor: 1
% Moisture.....: 18 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	12	ug/kg
Vinyl chloride	ND	6.1	ug/kg
Bromomethane	ND	12	ug/kg
Chloroethane	ND	12	ug/kg
Acetone	34	24	ug/kg
1,1-Dichloroethene	ND	6.1	ug/kg
Methylene chloride	ND	6.1	ug/kg
Carbon disulfide	ND	6.1	ug/kg
1,1-Dichloroethane	ND	6.1	ug/kg
2-Butanone	9.9 J	24	ug/kg
1,2-Dichloroethene (total)	ND	12	ug/kg
Chloroform	ND	6.1	ug/kg
1,1,1-Trichloroethane	ND	6.1	ug/kg
Carbon tetrachloride	ND	6.1	ug/kg
1,2-Dichloroethane	ND	6.1	ug/kg
Benzene	ND	6.1	ug/kg
Trichloroethene	ND	6.1	ug/kg
1,2-Dichloropropane	ND	6.1	ug/kg
Bromodichloromethane	ND	6.1	ug/kg
4-Methyl-2-pentanone	ND	24	ug/kg
cis-1,3-Dichloropropene	ND	6.1	ug/kg
Toluene	ND	6.1	ug/kg
trans-1,3-Dichloropropene	ND	6.1	ug/kg
1,1,2-Trichloroethane	ND	6.1	ug/kg
2-Hexanone	ND	24	ug/kg
Tetrachloroethene	ND	6.1	ug/kg
Dibromochloromethane	ND	6.1	ug/kg
Chlorobenzene	ND	6.1	ug/kg
Ethylbenzene	ND	6.1	ug/kg
Xylenes (total)	ND	12	ug/kg
Styrene	ND	6.1	ug/kg
Bromoform	ND	6.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg
1,2-Dichlorobenzene	0.52 J	6.1	ug/kg
1,3-Dichlorobenzene	ND	6.1	ug/kg
1,4-Dichlorobenzene	ND	6.1	ug/kg

(Continued on next page)

TestAmerica St. Louis

Earth Touch, Inc

Client Sample ID: BB3-S1

GC/MS Volatiles

Lot-Sample #...: F9E290228-003 Work Order #...: LD1LV1AE Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(65 - 143)
Dibromofluoromethane	102	(73 - 131)
1,2-Dichloroethane-d4	103	(63 - 145)
4-Bromofluorobenzene	102	(46 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Earth Touch, Inc

Client Sample ID: BB3-S1

General Chemistry

Lot-Sample #...: F9E290228-003 Work Order #...: LD1LV Matrix.....: SOLID
Date Sampled...: 05/27/09 12:40 Date Received..: 05/28/09
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	18.1	0.10	%	MCAWW 160.3 MOD	06/05-06/08/09	9152321
		Dilution Factor: 1		Analysis Time..: 00:00		

Earth Touch, Inc

Client Sample ID: BB3-S2

GC/MS Volatiles

Lot-Sample #...: F9E290228-004 Work Order #...: LD1LX1AC Matrix.....: SOLID
Date Sampled...: 05/27/09 13:05 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161547 Analysis Time..: 14:00
Dilution Factor: 1
% Moisture.....: 15 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	12	ug/kg
Vinyl chloride	ND	5.9	ug/kg
Bromomethane	ND	12	ug/kg
Chloroethane	ND	12	ug/kg
Acetone	ND	23	ug/kg
1,1-Dichloroethene	ND	5.9	ug/kg
Methylene chloride	ND	5.9	ug/kg
Carbon disulfide	ND	5.9	ug/kg
1,1-Dichloroethane	ND	5.9	ug/kg
2-Butanone	ND	23	ug/kg
1,2-Dichloroethene (total)	ND	12	ug/kg
Chloroform	ND	5.9	ug/kg
1,1,1-Trichloroethane	ND	5.9	ug/kg
Carbon tetrachloride	ND	5.9	ug/kg
1,2-Dichloroethane	**1.4 J**	**5.9**	**ug/kg**
Benzene	ND	5.9	ug/kg
Trichloroethene	ND	5.9	ug/kg
1,2-Dichloropropane	**0.60 J**	**5.9**	**ug/kg**
Bromodichloromethane	ND	5.9	ug/kg
4-Methyl-2-pentanone	ND	23	ug/kg
cis-1,3-Dichloropropene	ND	5.9	ug/kg
Toluene	ND	5.9	ug/kg
trans-1,3-Dichloropropene	ND	5.9	ug/kg
1,1,2-Trichloroethane	ND	5.9	ug/kg
2-Hexanone	ND	23	ug/kg
Tetrachloroethene	ND	5.9	ug/kg
Dibromochloromethane	ND	5.9	ug/kg
Chlorobenzene	ND	5.9	ug/kg
Ethylbenzene	ND	5.9	ug/kg
Xylenes (total)	ND	12	ug/kg
Styrene	ND	5.9	ug/kg
Bromoform	ND	5.9	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg
1,2-Dichlorobenzene	ND	5.9	ug/kg
1,3-Dichlorobenzene	ND	5.9	ug/kg
1,4-Dichlorobenzene	ND	5.9	ug/kg

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Earth Touch, Inc

Client Sample ID: BB3-S2

GC Semivolatiles

Lot-Sample #...: F9E290228-004 Work Order #...: LD1LX1AE Matrix.....: SOLID
Date Sampled...: 05/27/09 13:05 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/15/09
Prep Batch #...: 9161350 Analysis Time..: 19:08
Dilution Factor: 1
% Moisture.....: 15 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	29	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(30 - 150)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB3-S2

GC Semivolatiles

Lot-Sample #...: F9E290228-004 Work Order #...: LD1LX1AD Matrix.....: SOLID
Date Sampled...: 05/27/09 13:05 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/11/09
Prep Batch #...: 9161347 Analysis Time..: 20:22
Dilution Factor: 1
% Moisture.....: 15 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	ND	39	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(42 - 150)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB4-S1

GC/MS Volatiles

Lot-Sample #...: F9E290228-005 Work Order #...: LD1L61AC Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(65 - 143)
Dibromofluoromethane	104	(73 - 131)
1,2-Dichloroethane-d4	109	(63 - 145)
4-Bromofluorobenzene	97	(46 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Earth Touch, Inc

Client Sample ID: BB4-S1

GC Volatiles

Lot-Sample #...: F9E290228-005 Work Order #...: LD1L61AF Matrix.....: SOLID
Date Sampled...: 05/27/09 14:33 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161534 Analysis Time..: 21:48
Dilution Factor: 1
% Moisture.....: 14 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Volatile Petroleum Hydrocarbons	ND	0.12	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	78	(55 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB4-S1

General Chemistry

Lot-Sample #...: F9E290228-005 Work Order #...: LD1L6 Matrix.....: SOLID
Date Sampled...: 05/27/09 14:33 Date Received..: 05/28/09
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	14.3	0.10	%	MCAWW 160.3 MOD	06/05-06/08/09	9152321
		Dilution Factor: 1		Analysis Time..: 00:00		

Earth Touch, Inc

Client Sample ID: BB5-S1

GC/MS Volatiles

Lot-Sample #...: F9E290228-006 Work Order #...: LD1L91AC Matrix.....: SOLID
Date Sampled...: 05/27/09 15:15 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161547 Analysis Time..: 15:12
Dilution Factor: 1
% Moisture.....: 17 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	12	ug/kg
Vinyl chloride	ND	6.1	ug/kg
Bromomethane	ND	12	ug/kg
Chloroethane	ND	12	ug/kg
Acetone	ND	24	ug/kg
1,1-Dichloroethene	ND	6.1	ug/kg
Methylene chloride	ND	6.1	ug/kg
Carbon disulfide	ND	6.1	ug/kg
1,1-Dichloroethane	ND	6.1	ug/kg
2-Butanone	ND	24	ug/kg
1,2-Dichloroethene (total)	ND	12	ug/kg
Chloroform	ND	6.1	ug/kg
1,1,1-Trichloroethane	ND	6.1	ug/kg
Carbon tetrachloride	ND	6.1	ug/kg
1,2-Dichloroethane	ND	6.1	ug/kg
Benzene	ND	6.1	ug/kg
Trichloroethene	ND	6.1	ug/kg
1,2-Dichloropropane	ND	6.1	ug/kg
Bromodichloromethane	ND	6.1	ug/kg
4-Methyl-2-pentanone	ND	24	ug/kg
cis-1,3-Dichloropropene	ND	6.1	ug/kg
Toluene	ND	6.1	ug/kg
trans-1,3-Dichloropropene	ND	6.1	ug/kg
1,1,2-Trichloroethane	ND	6.1	ug/kg
2-Hexanone	ND	24	ug/kg
Tetrachloroethene	ND	6.1	ug/kg
Dibromochloromethane	ND	6.1	ug/kg
Chlorobenzene	ND	6.1	ug/kg
Ethylbenzene	ND	6.1	ug/kg
Xylenes (total)	ND	12	ug/kg
Styrene	0.28 J,B	6.1	ug/kg
Bromoform	ND	6.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg
1,2-Dichlorobenzene	ND	6.1	ug/kg
1,3-Dichlorobenzene	ND	6.1	ug/kg
1,4-Dichlorobenzene	ND	6.1	ug/kg

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Earth Touch, Inc

Client Sample ID: BB5-S1

GC Semivolatiles

Lot-Sample #...: F9E290228-006 Work Order #...: LD1L91AD Matrix.....: SOLID
Date Sampled...: 05/27/09 15:15 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/15/09
Prep Batch #...: 9161350 Analysis Time..: 20:13
Dilution Factor: 1
% Moisture.....: 17 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	30	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	67	(30 - 150)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB5-S1

General Chemistry

Lot-Sample #...: F9E290228-006 Work Order #...: LD1L9 Matrix.....: SOLID
Date Sampled...: 05/27/09 15:15 Date Received..: 05/28/09
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	17.5	0.10	%	MCAWW 160.3 MOD	06/05-06/08/09	9152321
	Dilution Factor: 1			Analysis Time..: 00:00		

Earth Touch, Inc

Client Sample ID: BB6-S1

GC Volatiles

Lot-Sample #...: F9E290228-007 Work Order #...: LD1MC1AE Matrix.....: SOLID
Date Sampled...: 05/27/09 16:05 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/11/09
Prep Batch #...: 9161534 Analysis Time..: 00:08
Dilution Factor: 1
% Moisture.....: 26 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Volatile Petroleum Hydrocarbons	ND	0.13	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	90	(55 - 150)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB6-S1

GC Semivolatiles

Lot-Sample #...: F9E290228-007 Work Order #...: LD1MC1AD Matrix.....: SOLID
Date Sampled...: 05/27/09 16:05 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/15/09
Prep Batch #...: 9161350 Analysis Time..: 21:50
Dilution Factor: 4
% Moisture.....: 26 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	130	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	71	(30 - 150)

NOTE(S):
Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB6-CWSMP

GC/MS Volatiles

Lot-Sample #...: F9E290228-008 Work Order #...: LD1ME1AC Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(65 - 143)
Dibromofluoromethane	103	(73 - 131)
1,2-Dichloroethane-d4	110	(63 - 145)
4-Bromofluorobenzene	113	(46 - 150)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Earth Touch, Inc

Client Sample ID: BB6-CWSMP

GC Volatiles

Lot-Sample #...: F9E290228-008 Work Order #...: LD1ME1AE Matrix.....: SOLID
Date Sampled...: 05/27/09 09:46 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/11/09
Prep Batch #...: 9161534 Analysis Time..: 00:43
Dilution Factor: 1
% Moisture.....: 17 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Volatile Petroleum Hydrocarbons	ND	0.12	mg/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	35 *	(55 - 150)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Earth Touch, Inc

Client Sample ID: BB-NRSMP

GC/MS Volatiles

Lot-Sample #...: F9E290228-009 Work Order #...: LD1MG1AA Matrix.....: WATER
Date Sampled...: 05/27/09 10:30 Date Received..: 05/28/09
Prep Date.....: 06/08/09 Analysis Date..: 06/09/09
Prep Batch #...: 9160394 Analysis Time..: 02:08
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	10	ug/L
Vinyl chloride	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Chloroethane	ND	10	ug/L
Acetone	**16 J**	**20**	**ug/L**
1,1-Dichloroethene	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
2-Butanone	**5.3 J**	**20**	**ug/L**
1,2-Dichloroethene (total)	ND	10	ug/L
Chloroform	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
Benzene	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	20	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
Toluene	**0.38 J,B**	**5.0**	**ug/L**
trans-1,3-Dichloropropene	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
2-Hexanone	ND	20	ug/L
Tetrachloroethene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Xylenes (total)	ND	10	ug/L
Styrene	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L

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Earth Touch, Inc

Client Sample ID: BB-NRSMP

GC/MS Volatiles

Lot-Sample #...: F9E290228-009 Work Order #...: LD1MG1AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	111	(85 - 121)
Dibromofluoromethane	107	(85 - 118)
1,2-Dichloroethane-d4	100	(85 - 115)
4-Bromofluorobenzene	107	(85 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Earth Touch, Inc

Client Sample ID: BB-CNSMP

GC/MS Volatiles

Lot-Sample #...: F9E290228-010 Work Order #...: LD1MM1AA Matrix.....: WATER
Date Sampled...: 05/27/09 11:45 Date Received..: 05/28/09
Prep Date.....: 06/08/09 Analysis Date..: 06/09/09
Prep Batch #...: 9160394 Analysis Time..: 02:36
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	10	ug/L
Vinyl chloride	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Chloroethane	ND	10	ug/L
Acetone	15 J	20	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
2-Butanone	ND	20	ug/L
1,2-Dichloroethene (total)	ND	10	ug/L
Chloroform	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
Benzene	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	20	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
Toluene	1.5 J,B	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
2-Hexanone	ND	20	ug/L
Tetrachloroethene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Ethylbenzene	0.58 J	5.0	ug/L
Xylenes (total)	3.0 J	10	ug/L
Styrene	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L

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TestAmerica St. Louis

Earth Touch, Inc

Client Sample ID: BB-CNSMP

GC/MS Volatiles

Lot-Sample #...: F9E290228-010 Work Order #...: LD1MM1AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(85 - 121)
Dibromofluoromethane	104	(85 - 118)
1,2-Dichloroethane-d4	101	(85 - 115)
4-Bromofluorobenzene	111	(85 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TestAmerica St. Louis

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 **Work Order #...:** LEK0A1AA **Matrix.....:** WATER
MB Lot-Sample #: F9F090000-394

Prep Date.....: 06/08/09 **Analysis Time..:** 01:10
Analysis Date..: 06/09/09 **Prep Batch #...:** 9160394
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	10	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Acetone	ND	20	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
2-Butanone	ND	20	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Toluene	**2.0 J**	**5.0**	**ug/L**	**SW846 8260B**
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	20	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	10	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(85 - 121)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 **Work Order #...:** LEK0A1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dibromofluoromethane	101	(85 - 118)		
1,2-Dichloroethane-d4	95	(85 - 115)		
4-Bromofluorobenzene	104	(85 - 120)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: F9E290228
MB Lot-Sample #: F9F100000-532
Work Order #...: LENGV1AA
Matrix.....: WATER
Prep Date.....: 06/10/09
Analysis Time..: 03:38
Analysis Date..: 06/11/09
Prep Batch #...: 9161532
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Volatile Petroleum Hydrocarbons	ND	0.10	mg/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	102	(55 - 150)

NOTE(S):
Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: F9E290228
MB Lot-Sample #: F9F100000-534
Work Order #...: LENG01AA
Matrix.....: SOLID
Prep Date.....: 06/10/09
Analysis Time..: 16:32
Analysis Date..: 06/10/09
Prep Batch #...: 9161534
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Volatile Petroleum Hydrocarbons	ND	0.10	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	107	(55 - 150)

NOTE(S):
Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: F9E290228 Work Order #...: LEMJA1AA Matrix.....: SOLID
MB Lot-Sample #: F9F100000-347
Prep Date.....: 06/10/09 Analysis Time..: 19:50
Analysis Date..: 06/11/09 Prep Batch #...: 9161347
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(42 - 150)

NOTE(S):
Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LEK0A1AC Matrix.....: WATER
LCS Lot-Sample#: F9F090000-394
Prep Date.....: 06/08/09 Analysis Date..: 06/09/09
Prep Batch #...: 9160394 Analysis Time..: 00:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Chloromethane	126 a	(58 - 124)	SW846 8260B
Vinyl chloride	116	(56 - 140)	SW846 8260B
Bromomethane	114	(43 - 140)	SW846 8260B
Chloroethane	118	(54 - 140)	SW846 8260B
Acetone	83	(67 - 140)	SW846 8260B
1,1-Dichloroethene	96	(80 - 123)	SW846 8260B
Methylene chloride	86	(68 - 127)	SW846 8260B
Carbon disulfide	101	(72 - 139)	SW846 8260B
1,1-Dichloroethane	94	(76 - 120)	SW846 8260B
2-Butanone	82	(77 - 134)	SW846 8260B
1,2-Dichloroethene (total)	95	(84 - 118)	SW846 8260B
Chloroform	94	(83 - 117)	SW846 8260B
1,1,1-Trichloroethane	97	(83 - 119)	SW846 8260B
Carbon tetrachloride	99	(83 - 119)	SW846 8260B
1,2-Dichloroethane	96	(84 - 115)	SW846 8260B
Benzene	92	(85 - 115)	SW846 8260B
Trichloroethene	92	(85 - 115)	SW846 8260B
1,2-Dichloropropane	91	(85 - 115)	SW846 8260B
Bromodichloromethane	89	(85 - 117)	SW846 8260B
4-Methyl-2-pentanone	89	(82 - 135)	SW846 8260B
cis-1,3-Dichloropropene	95	(85 - 120)	SW846 8260B
Toluene	97	(85 - 115)	SW846 8260B
trans-1,3-Dichloropropene	98	(85 - 121)	SW846 8260B
1,1,2-Trichloroethane	93	(83 - 115)	SW846 8260B
2-Hexanone	86	(79 - 135)	SW846 8260B
Tetrachloroethene	99	(71 - 127)	SW846 8260B
Dibromochloromethane	94	(85 - 117)	SW846 8260B
Chlorobenzene	93	(85 - 115)	SW846 8260B
Ethylbenzene	95	(85 - 116)	SW846 8260B
Styrene	97	(85 - 124)	SW846 8260B
Bromoform	102	(81 - 123)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(80 - 119)	SW846 8260B
1,2-Dichlorobenzene	93	(85 - 115)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LEK0A1AC Matrix.....: WATER
LCS Lot-Sample#: F9F090000-394

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

s Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LENJW1AC Matrix.....: SOLID
LCS Lot-Sample#: F9F100000-547
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161547 Analysis Time..: 11:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Chloromethane	111	(53 - 133)	SW846 8260B
Vinyl chloride	128	(43 - 140)	SW846 8260B
Bromomethane	134	(51 - 140)	SW846 8260B
Chloroethane	119	(58 - 140)	SW846 8260B
Acetone	84	(59 - 140)	SW846 8260B
1,1-Dichloroethene	104	(75 - 131)	SW846 8260B
Methylene chloride	108	(63 - 140)	SW846 8260B
Carbon disulfide	108	(69 - 140)	SW846 8260B
1,1-Dichloroethane	106	(74 - 130)	SW846 8260B
2-Butanone	84	(69 - 140)	SW846 8260B
1,2-Dichloroethene (total)	106	(82 - 124)	SW846 8260B
Chloroform	102	(83 - 119)	SW846 8260B
1,1,1-Trichloroethane	103	(84 - 121)	SW846 8260B
Carbon tetrachloride	99	(82 - 123)	SW846 8260B
1,2-Dichloroethane	101	(80 - 120)	SW846 8260B
Benzene	101	(83 - 120)	SW846 8260B
Trichloroethene	98	(80 - 121)	SW846 8260B
1,2-Dichloropropane	102	(79 - 121)	SW846 8260B
Bromodichloromethane	100	(84 - 120)	SW846 8260B
4-Methyl-2-pentanone	91	(75 - 140)	SW846 8260B
cis-1,3-Dichloropropene	103	(82 - 127)	SW846 8260B
Toluene	103	(78 - 126)	SW846 8260B
trans-1,3-Dichloropropene	104	(77 - 134)	SW846 8260B
1,1,2-Trichloroethane	99	(80 - 120)	SW846 8260B
2-Hexanone	91	(66 - 140)	SW846 8260B
Tetrachloroethene	102	(67 - 131)	SW846 8260B
Dibromochloromethane	94	(82 - 125)	SW846 8260B
Chlorobenzene	104	(83 - 117)	SW846 8260B
Ethylbenzene	104	(85 - 122)	SW846 8260B
Styrene	98	(85 - 125)	SW846 8260B
Bromoform	98	(80 - 127)	SW846 8260B
1,1,2,2-Tetrachloroethane	104	(77 - 123)	SW846 8260B
1,2-Dichlorobenzene	97	(82 - 118)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LENJW1AC Matrix.....: SOLID
LCS Lot-Sample#: F9F100000-547

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: F9E290228 Work Order #...: LENGV1AC Matrix.....: WATER
LCS Lot-Sample#: F9F100000-532
Prep Date.....: 06/10/09 Analysis Date..: 06/11/09
Prep Batch #...: 9161532 Analysis Time..: 04:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Volatile Petroleum Hydrocarbons	**99**	**(74 - 111)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	131	(82 - 145)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: F9E290228 Work Order #...: LEMH3 1AC Matrix.....: SOLID
LCS Lot-Sample#: F9P100000-350
Prep Date.....: 06/10/09 Analysis Date..: 06/15/09
Prep Batch #...: 9161350 Analysis Time..: 15:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**84**	**(45 - 119)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	115	(30 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: F9E290228 Work Order #...: LEMJA1AC Matrix.....: SOLID
LCS Lot-Sample#: F9F100000-347
Prep Date.....: 06/10/09 Analysis Date..: 06/11/09
Prep Batch #...: 9161347 Analysis Time..: 20:06
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**108**	**(74 - 130)**	**SW846 8082**
Aroclor 1260	**116**	**(73 - 139)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	114	(64 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

TestAmerica St. Louis

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LD6R71A4-MS Matrix.....: WATER
MS Lot-Sample #: F9F020229-003 LD6R71A5-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
sec-Butylbenzene	101	(85 - 124)			SW846 8260B
	97	(85 - 124)	3.7	(0-20)	SW846 8260B
tert-Butylbenzene	102	(85 - 124)			SW846 8260B
	98	(85 - 124)	4.4	(0-20)	SW846 8260B
Allyl chloride	101	(80 - 126)			SW846 8260B
	97	(80 - 126)	4.0	(0-20)	SW846 8260B
2-Chlorotoluene	94	(75 - 136)			SW846 8260B
	91	(75 - 136)	3.2	(0-20)	SW846 8260B
4-Chlorotoluene	94	(79 - 127)			SW846 8260B
	92	(79 - 127)	1.6	(0-20)	SW846 8260B
Cyclohexanone	95	(45 - 119)			SW846 8260B
	86	(45 - 119)	9.2	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	101	(77 - 122)			SW846 8260B
	88	(77 - 122)	13	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	95	(85 - 115)			SW846 8260B
	91	(85 - 115)	3.7	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	90	(79 - 126)			SW846 8260B
	80	(79 - 126)	12	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	148	(29 - 150)			SW846 8260B
	158 a	(29 - 150)	6.5	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	96	(80 - 123)			SW846 8260B
	98	(80 - 123)	2.2	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	90	(78 - 124)			SW846 8260B
	91	(78 - 124)	0.88	(0-20)	SW846 8260B
1,3-Dichloropropane	92	(85 - 115)			SW846 8260B
	88	(85 - 115)	5.3	(0-20)	SW846 8260B
2,2-Dichloropropane	98	(75 - 123)			SW846 8260B
	96	(75 - 123)	1.9	(0-20)	SW846 8260B
1,1-Dichloropropene	97	(85 - 116)			SW846 8260B
	94	(85 - 116)	2.5	(0-20)	SW846 8260B
Ethyl ether	91	(76 - 126)			SW846 8260B
	97	(76 - 126)	6.5	(0-20)	SW846 8260B
Ethyl methacrylate	95	(73 - 123)			SW846 8260B
	91	(73 - 123)	4.4	(0-20)	SW846 8260B
Freon 113	96	(53 - 134)			SW846 8260B
	104	(53 - 134)	7.4	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LD6R71A4-MS Matrix.....: WATER
MS Lot-Sample #: F9F020229-003 LD6R71A5-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	103	(64 - 131)			SW846 8260B
	97	(64 - 131)	5.5	(0-20)	SW846 8260B
n-Hexane	99	(79 - 120)			SW846 8260B
	102	(79 - 120)	3.3	(0-20)	SW846 8260B
Isopropylbenzene	98	(85 - 121)			SW846 8260B
	99	(85 - 121)	0.95	(0-20)	SW846 8260B
4-Isopropyltoluene	101	(85 - 124)			SW846 8260B
	97	(85 - 124)	4.0	(0-20)	SW846 8260B
Methyl methacrylate	94	(75 - 116)			SW846 8260B
	88	(75 - 116)	6.6	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	98	(74 - 125)			SW846 8260B
	94	(74 - 125)	4.8	(0-20)	SW846 8260B
Naphthalene	101	(77 - 123)			SW846 8260B
	95	(77 - 123)	5.9	(0-20)	SW846 8260B
2-Nitropropane	98	(65 - 133)			SW846 8260B
	91	(65 - 133)	7.9	(0-20)	SW846 8260B
n-Propylbenzene	99	(85 - 124)			SW846 8260B
	97	(85 - 124)	2.1	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	97	(85 - 115)			SW846 8260B
	93	(85 - 115)	3.4	(0-20)	SW846 8260B
Tetrahydrofuran	90	(73 - 124)			SW846 8260B
	87	(73 - 124)	3.5	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	98	(74 - 123)			SW846 8260B
	94	(74 - 123)	4.1	(0-20)	SW846 8260B
1,2,4-Trichlorobenzene	94	(75 - 125)			SW846 8260B
	96	(75 - 125)	2.7	(0-20)	SW846 8260B
Trichlorofluoromethane	106	(72 - 127)			SW846 8260B
	110	(72 - 127)	4.3	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	98	(85 - 123)			SW846 8260B
	95	(85 - 123)	2.8	(0-20)	SW846 8260B
1-Butanol	94	(62 - 122)			SW846 8260B
	86	(62 - 122)	8.0	(0-20)	SW846 8260B
Acetonitrile	88	(63 - 140)			SW846 8260B
	84	(63 - 140)	3.7	(0-20)	SW846 8260B
Ethyl acetate	87	(80 - 115)			SW846 8260B
	75 a	(80 - 115)	14	(0-20)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(10 - 50)			SW846 8260B
	0.0 a	(10 - 50)	0.0	(0-20)	SW846 8260B

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TestAmerica St. Louis

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LD1N41AG-MS Matrix.....: SOLID
MS Lot-Sample #: F9E290240-005 LD1N41AH-MSD
Date Sampled...: 05/28/09 13:20 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/10/09
Prep Batch #...: 9161547 Analysis Time..: 20:02
Dilution Factor: 1 % Moisture.....: 19

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloromethane	99	(47 - 140)			SW846 8260B
	106	(47 - 140)	8.1	(0-30)	SW846 8260B
Vinyl chloride	120	(42 - 150)			SW846 8260B
	124	(42 - 150)	4.8	(0-30)	SW846 8260B
Bromomethane	128	(29 - 150)			SW846 8260B
	127	(29 - 150)	0.54	(0-30)	SW846 8260B
Chloroethane	107	(48 - 150)			SW846 8260B
	109	(48 - 150)	3.9	(0-30)	SW846 8260B
Acetone	89	(40 - 150)			SW846 8260B
	96	(40 - 150)	9.4	(0-30)	SW846 8260B
1,1-Dichloroethene	101	(65 - 141)			SW846 8260B
	102	(65 - 141)	2.0	(0-30)	SW846 8260B
Methylene chloride	114	(51 - 150)			SW846 8260B
	115	(51 - 150)	2.0	(0-30)	SW846 8260B
Carbon disulfide	103	(59 - 148)			SW846 8260B
	106	(59 - 148)	4.8	(0-30)	SW846 8260B
1,1-Dichloroethane	103	(67 - 142)			SW846 8260B
	105	(67 - 142)	3.1	(0-30)	SW846 8260B
2-Butanone	81	(56 - 150)			SW846 8260B
	92	(56 - 150)	15	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	102	(73 - 130)			SW846 8260B
	102	(73 - 130)	2.0	(0-30)	SW846 8260B
Chloroform	105	(74 - 131)			SW846 8260B
	104	(74 - 131)	0.90	(0-30)	SW846 8260B
1,1,1-Trichloroethane	104	(74 - 130)			SW846 8260B
	103	(74 - 130)	0.81	(0-30)	SW846 8260B
Carbon tetrachloride	105	(70 - 130)			SW846 8260B
	103	(70 - 130)	0.42	(0-30)	SW846 8260B
1,2-Dichloroethane	101	(65 - 143)			SW846 8260B
	101	(65 - 143)	2.0	(0-30)	SW846 8260B
Benzene	103	(77 - 123)			SW846 8260B
	101	(77 - 123)	0.80	(0-30)	SW846 8260B
Trichloroethene	99	(65 - 136)			SW846 8260B
	99	(65 - 136)	1.8	(0-30)	SW846 8260B
1,2-Dichloropropane	100	(74 - 130)			SW846 8260B
	101	(74 - 130)	3.0	(0-30)	SW846 8260B
Bromodichloromethane	101	(72 - 135)			SW846 8260B
	100	(72 - 135)	0.89	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LD1N41AG-MS Matrix.....: SOLID
MS Lot-Sample #: F9E290240-005 LD1N41AH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Methyl-2-pentanone	80	(46 - 150)			SW846 8260B
	82	(46 - 150)	4.0	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	96	(67 - 134)			SW846 8260B
	99	(67 - 134)	4.9	(0-30)	SW846 8260B
Toluene	99	(65 - 137)			SW846 8260B
	99	(65 - 137)	1.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	93	(63 - 150)			SW846 8260B
	97	(63 - 150)	5.9	(0-30)	SW846 8260B
1,1,2-Trichloroethane	97	(59 - 150)			SW846 8260B
	98	(59 - 150)	3.5	(0-30)	SW846 8260B
2-Hexanone	82	(18 - 150)			SW846 8260B
	86	(18 - 150)	6.8	(0-30)	SW846 8260B
Tetrachloroethene	98	(26 - 150)			SW846 8260B
	116	(26 - 150)	19	(0-30)	SW846 8260B
Dibromochloromethane	99	(67 - 145)			SW846 8260B
	98	(67 - 145)	0.61	(0-30)	SW846 8260B
Chlorobenzene	96	(70 - 125)			SW846 8260B
	96	(70 - 125)	2.0	(0-30)	SW846 8260B
Ethylbenzene	98	(68 - 131)			SW846 8260B
	96	(68 - 131)	0.51	(0-30)	SW846 8260B
Styrene	97	(69 - 129)			SW846 8260B
	93	(69 - 129)	1.8	(0-30)	SW846 8260B
Bromoform	91	(56 - 150)			SW846 8260B
	92	(56 - 150)	3.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	95	(44 - 150)			SW846 8260B
	97	(44 - 150)	4.1	(0-30)	SW846 8260B
1,2-Dichlorobenzene	100	(64 - 128)			SW846 8260B
	96	(64 - 128)	1.9	(0-30)	SW846 8260B
m-Xylene & p-Xylene	95	(66 - 130)			SW846 8260B
	95	(66 - 130)	1.9	(0-30)	SW846 8260B
1,3-Dichlorobenzene	97	(65 - 127)			SW846 8260B
	94	(65 - 127)	1.9	(0-30)	SW846 8260B
o-Xylene	94	(68 - 127)			SW846 8260B
	95	(68 - 127)	2.4	(0-30)	SW846 8260B
1,4-Dichlorobenzene	98	(65 - 125)			SW846 8260B
	98	(65 - 125)	2.6	(0-30)	SW846 8260B
Bromobenzene	108	(51 - 150)			SW846 8260B
	103	(51 - 150)	2.6	(0-30)	SW846 8260B
Bromochloromethane	104	(66 - 139)			SW846 8260B
	105	(66 - 139)	3.1	(0-30)	SW846 8260B
n-Butylbenzene	77	(31 - 147)			SW846 8260B
	82	(31 - 147)	8.2	(0-30)	SW846 8260B

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TestAmerica St. Louis

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LD1N41AG-MS Matrix.....: SOLID
MS Lot-Sample #: F9E290240-005 LD1N41AH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	86	(10 - 146)			SW846 8260B
	82	(10 - 146)	3.5	(0-20)	SW846 8260B
Acrolein	72	(10 - 150)			SW846 8260B
	88 p	(10 - 150)	23	(0-20)	SW846 8260B
Acrylonitrile	62	(41 - 150)			SW846 8260B
	63	(41 - 150)	3.1	(0-20)	SW846 8260B
Cyclohexane	102	(59 - 134)			SW846 8260B
	100	(59 - 134)	0.59	(0-20)	SW846 8260B
Isobutanol	91	(40 - 150)			SW846 8260B
	93	(40 - 150)	3.4	(0-20)	SW846 8260B
Methacrylonitrile	98	(43 - 150)			SW846 8260B
	100	(43 - 150)	3.6	(0-20)	SW846 8260B
Methylcyclohexane	96	(43 - 140)			SW846 8260B
	97	(43 - 140)	2.9	(0-20)	SW846 8260B
Propionitrile	100	(56 - 150)			SW846 8260B
	101	(56 - 150)	3.3	(0-20)	SW846 8260B
1,4-Dioxane	85	(42 - 150)			SW846 8260B
	82	(42 - 150)	1.8	(0-20)	SW846 8260B
Pentachloroethane	93	(10 - 150)			SW846 8260B
	72 p	(10 - 150)	24	(0-20)	SW846 8260B
Methyl acetate	96	(31 - 150)			SW846 8260B
	96	(31 - 150)	1.8	(0-20)	SW846 8260B
2-Chloro-1,3-butadiene	104	(57 - 149)			SW846 8260B
	105	(57 - 149)	2.0	(0-20)	SW846 8260B
1,2-Dichloro-1,1,2,2-tetrafluoroethane	123	(31 - 150)			SW846 8260B
	125	(31 - 150)	2.8	(0-30)	SW846 8260B
1,2,3-Trichloropropane	107	(50 - 150)			SW846 8260B
	110	(50 - 150)	4.0	(0-30)	SW846 8260B
Dibromomethane	101	(50 - 150)			SW846 8260B
	101	(50 - 150)	1.8	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(65 - 143)
	100	(65 - 143)
Dibromofluoromethane	105	(73 - 131)
	104	(73 - 131)
1,2-Dichloroethane-d4	103	(63 - 145)
	105	(63 - 145)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F9E290228 Work Order #...: LD1N41AG-MS Matrix.....: SOLID
MS Lot-Sample #: F9E290240-005 LD1N41AH-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	107	(46 - 150)
	105	(46 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: F9E290228 Work Order #...: LD1LP1AB-MS Matrix.....: SOLID
MS Lot-Sample #: F9E290228-001 LD1LP1AF-MSD
Date Sampled...: 05/27/09 08:35 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/15/09
Prep Batch #...: 9161350 Analysis Time..: 16:58
Dilution Factor: 1 % Moisture.....: 23

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	82	(36 - 139)			SW846 8015 MOD
	89	(36 - 139)	8.0	(0-30)	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	124	(30 - 150)
	130	(30 - 150)

NOTE(S):

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: F9E290228 Work Order #...: LD1LX1AG-MS Matrix.....: SOLID
MS Lot-Sample #: F9E290228-004 LD1LX1AH-MSD
Date Sampled...: 05/27/09 13:05 Date Received..: 05/28/09
Prep Date.....: 06/10/09 Analysis Date..: 06/11/09
Prep Batch #...: 9161347 Analysis Time..: 20:38
Dilution Factor: 1 % Moisture.....: 15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	96	(42 - 150)			SW846 8082
	105	(42 - 150)	8.5	(0-30)	SW846 8082
Aroclor 1260	106	(44 - 150)			SW846 8082
	114	(44 - 150)	7.4	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	98	(42 - 150)
	109	(42 - 150)

NOTE(S):

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Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F9E290228 240

CONDITION UPON RECEIPT FORM

Client: Earth Touch
Quote No: 83089
COC/RFA No: 127885; 127886

196

Initiated By: AB Date: 5-28-07 Time: 16:50

Shipping Information

Shipper: FedEx UPS DHL Courier (Client) Other: _____ Multiple Packages: Y N

Shipping # (s):*				Sample Temperature (s):**			
1.		6.		1.	3	6.	
2.		7.		2.	6	7.	
3.		8.		3.	6	8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y N (N/A)	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y (N) N/A	Was sample received with proper pH!? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N (N/A)	Was pH taken by original TestAmerica lab?

! For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

* Samples BB-NESMP & BBSNSMP had so much mud in water sample could not get pH.

Corrective Action:
- ☐ Client Contact Name: _____ Informed by: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____ If released, notify: _____
- Project Management Review: _____ Date: 06 22 07