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March 28, 2014

Submitted via e-mail on March 28, 2014

Tara M. Blum, PE
Environmental Engineer
NYSDEC Region 7
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, New York 13204-2400

Re: Carrier Corporation, Thompson Road Facility, Syracuse, New York
Corrective Action Order — Index CO 7-20051118-4
NYSDEC Site Registry Number: 734043
Former Building TR-1 Degreaser C/D and Sub-Station I Investigation Report, March 2014

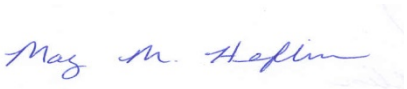
Dear Ms. Blum:

In accordance with the referenced order, Carrier Corporation is providing one hard copy and one electronic copy (PDF via email) of the Former Building TR-1 Degreaser C/D and Sub-Station I Investigation Report.

Please call me at (615) 255-9300 if you have any questions.

Sincerely,

EnSafe Inc.



By: May Mishu Heflin, PE

Enclosure: Former Building TR-1 Degreaser C/D and Sub-Station I Investigation Report, March 2014

cc: Mr. Mark Sergott — NYSDOH
Ms. Krista Anders — NYSDOH
Mr. John Wolski — UTC
Mr. Joe Basile — Carrier Corporation
Ms. Kathleen McFadden — UTC

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CARRIER CORPORATION
THOMPSON ROAD FACILITY
CARRIER PARKWAY
SYRACUSE, NEW YORK

FORMER BUILDING TR-1 DEGREASER C/D AND SUB-STATION I INVESTIGATION

Corrective Action Order — Index CO 7-20051118-4
NYSDEC Site Registry No.: 734043

Prepared for:

United Technologies

UTC Shared Remediation Services
United Technologies Building
Hartford, Connecticut 06101

Prepared by:

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EnSafe Project Number: 0888814332

March 2014

FORMER BUILDING TR-1 DEGREASER C/D AND SUB-STATION I INVESTIGATION

CARRIER CORPORATION
THOMPSON ROAD FACILITY
CARRIER PARKWAY
SYRACUSE, NEW YORK

Corrective Action Order — Index CO 7-20051118-4
NYSDEC Site Registry No.: 734043

Prepared for:
UTC Shared Remediation Services
United Technologies Building
Hartford, Connecticut 06101

Prepared by:

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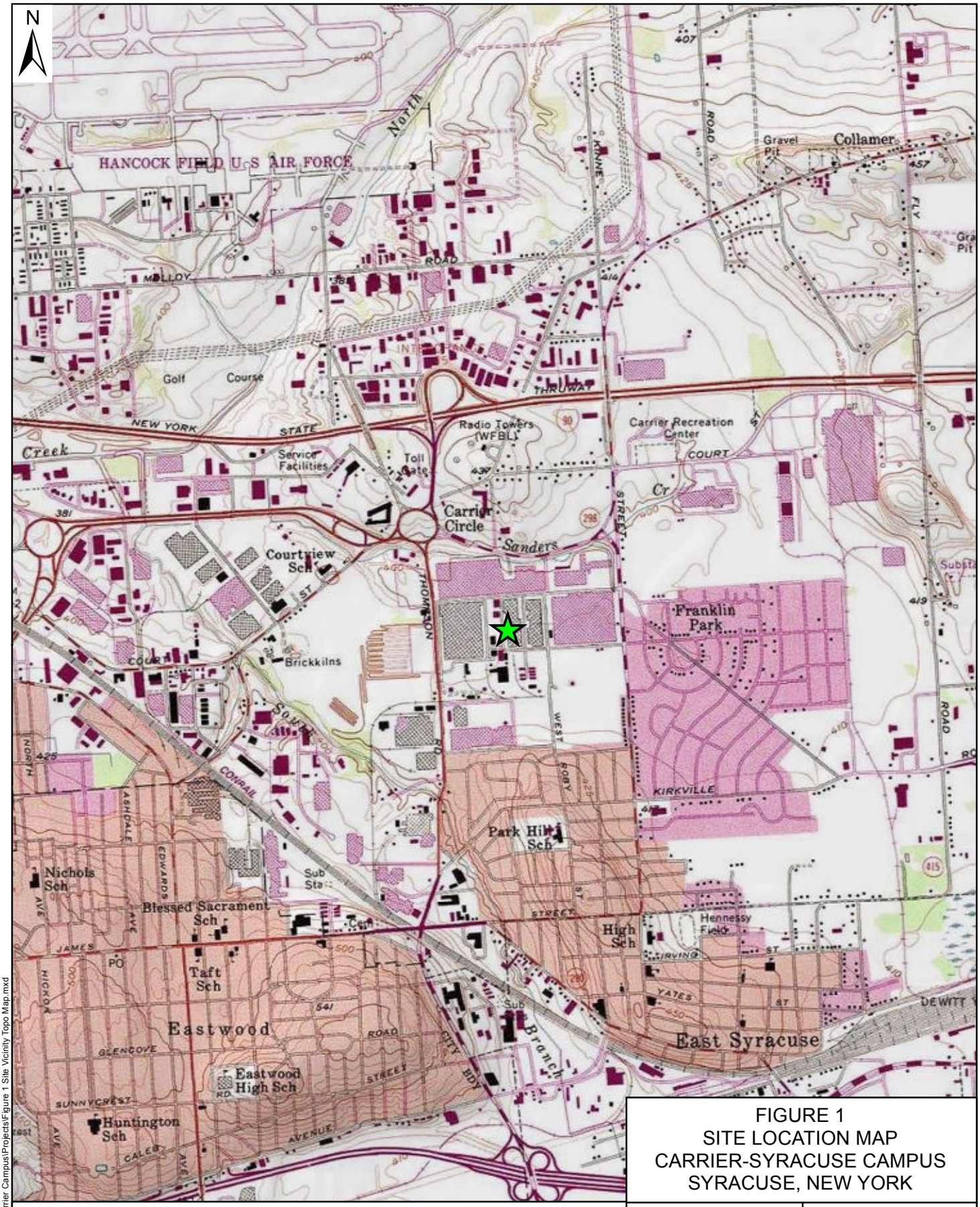
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Appendix B Monitoring Well Construction and Potentiometric Data
Appendix C Monitoring Well Purging Record Forms
Appendix D Laboratory Analytical Reports

1.0 INTRODUCTION

Carrier Corporation (Carrier), a wholly-owned subsidiary of United Technologies Corporation (UTC), retained EnSafe Inc. to conduct a subsurface investigation at its Thompson Road facility located at Carrier Parkway in Syracuse, New York (Site). The Site is subject to a Corrective Action Order – Index CO 7-20051118-4 dated February 13, 2006, with the New York State Department of Environmental Conservation Division of Remediation (NYSDEC-DER). The location of the Site is depicted on Figure 1. The purpose of the former Building TR-1 Degreaser C/D and Sub-Station I sub-slab investigations was to preliminarily assess the extent of polychlorinated bi-phenyl (PCB) and/or volatile organic compound (VOC) contamination in soil and/or groundwater around the Degreaser C/D and Sub-Station I areas of former Building TR-1, to identify the presence of non-aqueous phase liquid (NAPL), and, if present, delineate the extent of NAPL



Legend

★ SITE LOCATION

0 1,000 2,000 3,000 4,000 Feet

Basemap Source: USGS Godwin, Tennessee Quadrangle Topographic Map
http://services.arcgisonline.com/arcgis/services/USA_Topo_Maps
© 2011 National Geographic Society, i-cubed

FIGURE 1
SITE LOCATION MAP
CARRIER-SYRACUSE CAMPUS
SYRACUSE, NEW YORK

REQUESTED BY: S. Goodnight	
DRAWN BY: N. Rinehart	
DATE: 02/14/2014	
PROJECT NO: 0888814331	

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X:\UTC\Syracuse\Carrier Campus\Projects\Figure 1 Site Vicinity Topo Map.mxd

2.0 BACKGROUND

Historical operations in former Building TR-1 include the use of transformers containing PCBs as well as degreasers containing chlorinated solvents; therefore, NYSDEC requested a sub-slab investigation be conducted. The resultant investigation activities were conducted during January and February 2011. Findings of the *Building TR-1 Sub-Slab Investigation Report* prepared by EnSafe in October 2011, identified three areas warranting further investigation: the Floor Drain area at building column D2 (Floor Drain), the former degreaser at building column lines C and D (Degreaser C/D), and a former electrical sub-station (Sub-Station I). Based on findings from 2011 sub-slab investigation activities, Carrier elected to conduct additional subsurface investigations at all three areas. The layout of the Site, including the former Building TR-1 footprint and the location of the Floor Drain, Degreaser C/D, and Sub-Station I investigation areas, is depicted on Figure 2. A fourth investigation area, former Building TR-1 Vault, is also depicted. Investigation activities and findings for the vault area are detailed in a separate report – *Former Building TR-1 Vault Investigation Report* prepared by EnSafe in February 2014.

The 2011 sub-slab investigation included assessment of 12 former electrical substation locations, as well as several other areas identified as potential PCB release areas based on historical use or visual observation (i.e., stained areas). 2011 sub-slab investigation findings identified PCBs present in shallow soils at concentrations exceeding the December 2006 NYSDEC-DER 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Soil Cleanup Objectives (SCOs) Restricted Use Industrial soils screening limit of 25 milligrams per kilogram (mg/kg) at a single Sub-Station I soil sample location. Total PCBs at the Sub-Station I location were reported at 26.4 mg/kg (Figure 3). According to the 2011 *Building TR-1 Sub-Slab Investigation Report*, groundwater assessment indicated PCBs were not associated with the former sub-station areas investigated. Rather, groundwater samples collected near a former degreaser along building column line C/D (Degreaser C/D) yielded low level PCB concentrations of Aroclor 1254 – ranging from non-detect to 85.3 micrograms per liter (µg/L). A "limited thickness" of NAPL was measured in a temporary monitoring well and several open bore holes installed at the former Sub-Station I location. A fingerprint analysis of the NAPL reported a partial match for Fuel Oil #6 and "other patterns" indicative of a heavier petroleum product in the motor oil range. A measureable amount of NAPL was observed in two of the eight temporary monitoring wells installed at the Degreaser C/D location. Fingerprint analysis of NAPL collected from the Degreaser C/D area yielded a partial match for mineral spirits and "other patterns" (i.e., heavier petroleum product). Degreaser C/D groundwater assessment indicated VOCs were present, but "not at concentrations indicative of chlorinated solvent NAPL."



FIGURE 2
FORMER BUILDING TR-1
2013 INVESTIGATION AREAS MAP
CARRIER CORPORATION THOMPSON ROAD FACILITY
SYRACUSE, NEW YORK

REQUESTED BY:	S. Goodnight
DRAWN BY:	S. Goodnight
DATE:	2/14/2014
PROJECT NO:	0888814331

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X:\UTC\Syracuse\Carrier Campus\Projects\TR-1_PLR_Investigation_Oct_2013\TR1_Sub-Slab\TR1_Inv_Areas_Map_Rev_1.mxd

MH195
MH214
MH215
MH199
MH198
MH200
MH201
MH202
MH203
MH203A
MH204A
MH204
MH205
MH158
MH157
MH91
MH156
MH90
MH89
MH84
MH84B
MH84A
MH83
MH83A
MH82
MH82A
MH81
MH81A
MH81B
MH80
MH80A
MH79
MH79A
MH78
MH78A
MH77

STORM LINE 4
STORM LINE 3
STORM LINE 2
STORM LINE 1
STORM LINE

SS@M2 ND
SS@L2 ND
SS@K2 ND
SS@J2 ND
SS@H2 ND
SS@G2 ND
SS@FRD ND
SS@E2 ND
SSD2ETW
SSD2NTW
SS@D2 ND
SSD2STW
SSD2WTW
SSD2TW ND
SS@C2 ND
SS@B2 ND
SS@A2 ND

4" FLOOR DRAINS (FORMER LOCATION-SEALED)
4" FLOOR DRAIN (FORMER LOCATION-SEALED)

SUBSTATION A
ND ND
A1-L6 A3-L7
A2-L6 A4-L7
ND ND

SUBSTATION B
ND ND
B1-J6 B3-J7
B2-J6 B4-J7
ND 527 µg/kg Aroclor 1260

SUBSTATION C
ND ND
C1-G6 C3-G7
C2-G6 C4-G7
ND ND

SUBSTATION T2
NO RECOMMENDED

GE-6
42.6 µg/kg Aroclor 1260
FORMER GE HYDROSTATIC TEST AREA (APPROXIMATE)
GE-7 ND

SUBSTATION D
ND ND
D1-L18 D3-L19
D2-L18 D4-L19
ND ND

SUBSTATION E
ND
E1-J18
E2-J18
ND

SUBSTATION T1
ND ND
T1-1-G13 T1-3-G14
T1-2-G13 T1-4-G14
ND ND

SUBSTATION T3
NO RECOMMENDED

GE-4
GE-3 FORMER GE TURBINE & GENERATOR TEST PITS (APPROXIMATE) GE-5
GE-3ATW ND Soil ND
GE-2
GE-1ATW ND Soil ND
GE-1

SUBSTATION I
I1-D12
64.9 µg/kg Aroclor 1260
I2-D12N 0.43' FP
collapsed
38.4 µg/kg Aroclor 1254
51.6 µg/kg Aroclor 1260
I2-D12
26,400 µg/kg Aroclor 1260
I2D12TW ND
I2-D12W
89.5 µg/kg Aroclor 1260
0.01' FP
I3-D13 565 µg/kg Aroclor 1260
ND 0.12' FP
I4-D13
ND 0.02' FP

Fingerprint Analysis:
- Match - Other Patterns such as Motor Oil
- Partial Match - Fuel Oil #6

SUBSTATION G 46.8 µg/kg Aroclor 1254
69.3 µg/kg Aroclor 1254
94.3 µg/kg Aroclor 1260
G1-D6 G3-D7
G2-D6 G4-D7
1290 µg/kg Aroclor 1254
618 µg/kg Aroclor 1260
138 µg/kg Aroclor 1254
240 µg/kg Aroclor 1260

CDTW1 ND
CDTW5 2.5µg/L Aroclor 1254
CDTW2 7.2µg/L Aroclor 1254
CDTW4 65.3 µg/L Aroclor 1254
CDTW6 0.8 µg/L Aroclor 1254
CDTW8 ND
CDTW3 ND
CDTW7 ND
FP

Fingerprint Analysis:
- Match - Mineral Spirits (not definitive match)
- Partial Match - Other Patterns such as Motor Oil

SUBSTATION H
ND ND
H1-B6 H3-B7
H2-B6 H4-B7

SUBSTATION J
J1-D18 J3-D19
ND ND
J2-D18 J4-D19
ND ND

SUBSTATION J1 & J2
ND ND
J1-1-D20 J2-1-D21
J1-2-D20 J2-2-D21
ND ND

DE-TW2
DE-TW1
DEGREASER

GE-8 GE-9 GE-9
ND ND

SUBSTATION SP
SP1-C22 SP2-C23
ND ND
SP TRENCH ND

SS@A15 ND
SS@A16 ND
SS@A17 ND
SS@A18 ND
MH81-TW
MH80-TW

SS@MH88 ND
SS@MH87 ND
SS@MH86 ND
MH86TW ND
SS@MH85 ND

LEGEND

T	FORMER TRANSFORMER LOCATIONS (SOURCE: 1982 DRAWING ON WALL OF TR-7)
	TEMPORARY WELL
	SOIL BORING CONVERTED TO TEMPORARY WELL (SOIL SAMPLE AT INTERFACE COLLECTED AND GROUNDWATER SAMPLE COLLECTED)
M	DPT SOIL BORING LOCATION – APPROXIMATE
GE-5 M	REFUSAL– NO BORING INSTALLED OR COULD NOT ACCESS DUE TO ABANDONMENT AND/OR EQUIPMENT
DEGREASER	FORMER DEGREASER LOCATION – APPROXIMATE
I2-D12N	EXPANDED SOIL BORING LOCATION
MH201	STORM SEWER LINES – APPROXIMATE
	SOME COMBINATION OF WOODBLOCK AND CONCRETE REMOVAL ACTION PERFORMED AT SUBSTATION A THROUGH G AND T2 AND T3 IN 1995.

NOTES
1. ALL LOCATIONS ARE APPROXIMATE
2. ALL RESULTS IN µg/kg FOR SOIL; µg/L FOR GROUNDWATER
3. TW = TEMPORARY WELL
4. ALL TEMPORARY WELLS HAVE BEEN ABANDONED
5. BUILDING TR1 DEMOLITION ACTIVITIES ARE ONGOING

0 40 80
APPROXIMATE SCALE

PARKING LOT B
THOMPSON ROAD
PARKING LOT A

FIGURE 3
FORMER BUILDING TR-1
2011 SUB-SLAB INVESTIGATION MAP
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY:	M.H.
DRAWN BY:	E.R.
DWG DATE:	17OCT11
DWG NO:	9186R034

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(800) 588-7962
MEMPHIS, TENNESSEE

L:\2011 PROJECTS BY\9186 UTC CARRIER - SYRACUSE, NY\PLANS\BLDG TR-1 SUB-SLAB POD & DEGREASER INVESTIGATION REPORT, OCTOBER 2011\9186R034 FIG1-1 BLDG TR-1 SUB-SLAB SOIL AND GROUNDWATER PCB DATA.DWG

Building TR-1 was demolished in 2010 and 2011 as part of a Basin 002 storm water management consolidation project. The concrete slab was left in place, and an engineered cover was installed atop as a storm water control system to divert storm water runoff to a newly constructed outfall — Outfall 004.

An interim action (IA) soil removal was conducted at the Sub-Station I location in the interval between building demolition and storm water diversion construction activities — August 2011. Approximately 100 cubic yards of PCB-impacted concrete and soils were removed to a depth of approximately 7 feet below the concrete slab and backfilled with flowable fill. IA activities are detailed in the *Substation I Interim Action Report* (EnSafe, February 22, 2013).

In 2012, a large amount of oil/oil emulsion accumulated in a storm water pumping station (PS2) located north of former Building TR-1, which pumps storm water to the on-site treatment system. Treated storm water is then discharged to Sanders Creek under a SPDES permit. PS2 receives storm water, in part, from drains and storm sewer utility lines beneath former Building TR-1. A May 2013 video inspection of the storm sewer utilities leading to PS2 confirmed the presence of oil in a manhole immediately down gradient of storm lines beneath the western half of former Building TR-1.

3.0 SCOPE OF WORK

3.1 Proposed Scope of Work

EnSafe, on behalf of Carrier, prepared and submitted a *Former Building TR-1 Sub-Slab Investigation Work Plan* (EnSafe, August 9, 2013) to NYSDEC detailing objectives and strategies for sub-slab investigation at the Floor Drain, Degreaser C/D, and Sub-Station I areas which included preliminary assessment of the extent of soil and/or groundwater PCB and/or VOC contamination, and, if encountered, delineation of NAPL.

The August 2013 work plan was verbally approved by NYSDEC during a conference call on October 8, 2013. Notification of scheduled field activities was provided to NYSDEC in a letter dated October 1, 2013, and former Building TR-1 Degreaser C/D and Sub-Station I investigation activities were initiated on October 11, 2013. All fieldwork was conducted in general accordance with the approved work plan.

Former Building TR-1 Degreaser C/D and Sub-Station I sub-slab investigation activities were conducted simultaneously with the Floor Drain investigation during October and November 2013. Activities and findings related to the Degreaser C/D and Sub-Station I areas are discussed herein, while Floor Drain sub-slab investigation activities and findings are discussed in a separate report — *Former Building TR-1 Floor Drain Investigation Report* prepared by EnSafe in February 2014.

3.2 Sub-Slab Investigation

Soil

EnSafe, along with personnel from Parratt-Wolff, Inc. (Syracuse, New York), conducted sub-slab soil sampling and monitoring well installation activities in general accordance with the August 2013 *Former Building TR-1 Sub-Slab Investigation Work Plan* submitted to NYSDEC. Figure 4 depicts the Degreaser C/D and Sub-Station I areas and proposed sampling locations from the August 2013 work plan. Fieldwork activities deviated from the work plan as follows:

- Proposed soil borings MW31 and MW35D were co-located; therefore, soil samples for analytical purposes were collected only from soil boring MW31.

- Based on findings from the 2011 Building TR-1 sub-slab investigation, NAPL was anticipated to be encountered in subsurface media beneath the former Degreaser C/D area. However, due to limited field observations of NAPL in this area, proposed recovery well MW29 (Figure 4) was relocated to the Sub-Station I investigation area.

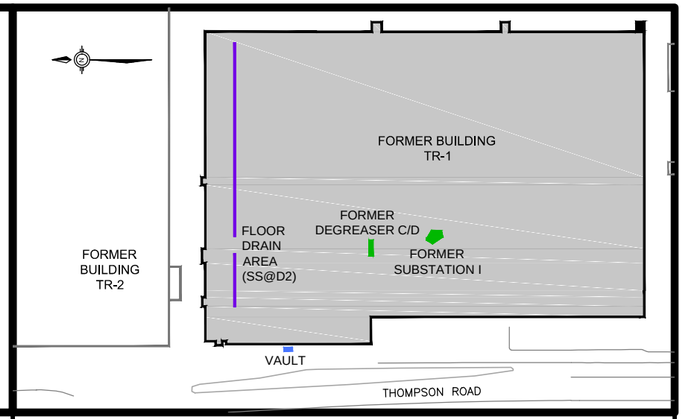
- Based on field observations of NAPL at the monitoring well MW25 location in the Sub-Station I investigation area, an additional piezometer, to determine horizontal extent of NAPL, was advanced south of the 2011 IA excavation.

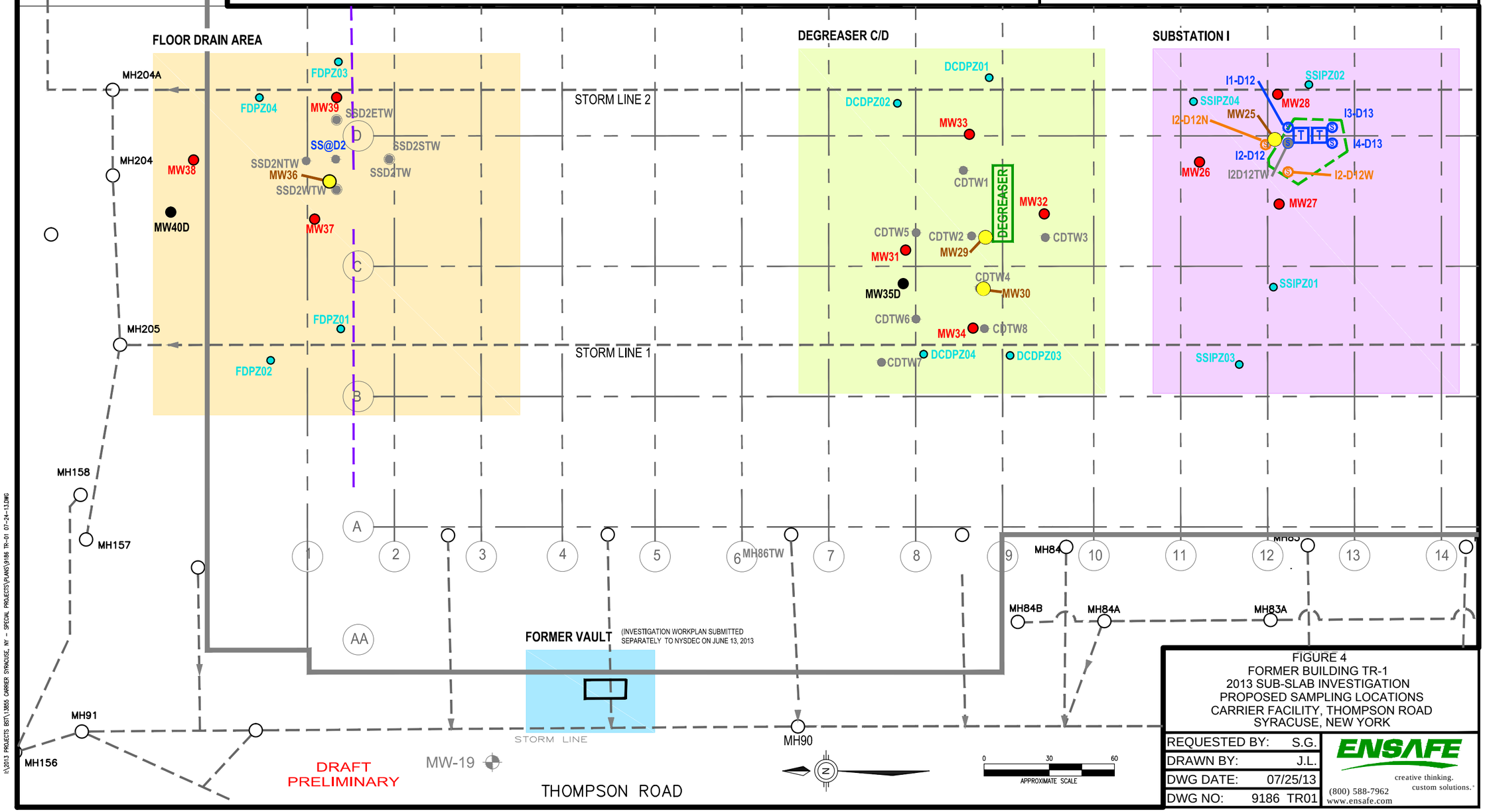
Ten soil borings were advanced and converted to monitoring wells in both the Degreaser C/D and Sub-Station I areas from October 11 to 31, 2013. Table 1 lists soil boring and sampling details as well as the monitoring well type at each location. Soil boring/monitoring well locations for sub-slab investigations at the Degreaser C/D and Sub-Station I areas, as well as the Floor Drain area, are depicted on Figure 5.

LEGEND

- 1" DIAMETER PIEZOMETER
- 2" DIAMETER MONITORING WELL
- 4" DIAMETER MONITORING WELL
- 2" DEEP AQUIFER MONITORING WELL
- T — FORMER TRANSFORMER LOCATIONS (SOURCE: 1982 DRAWING ON WALL OF TR-7)
- TEMPORARY WELL (2011)
- S — SOIL BORING CONVERTED TO TEMPORARY WELL (SOIL SAMPLE AT INTERFACE COLLECTED AND GROUNDWATER SAMPLE COLLECTED – 2011)
- S — DPT SOIL BORING LOCATION – APPROXIMATE (2011)
- I2-D12N — EXPANDED SOIL BORING LOCATION (2011)
- DEGREASER — FORMER DEGREASER LOCATION – APPROXIMATE
- MH201 — STORM SEWER LINES – APPROXIMATE
- 4" FLOOR DRAINS (FORMER LOCATION–SEALED) – APPROXIMATE
- INTERIM ACTION 2011

FORMER TR-1 AREA REFERENCE MAP





I:\2013 PROJECTS BST\13855 CARRIER SYRACUSE, NY - SPECIAL PROJECTS\PLANS\9186 TR-01 07-24-13.DWG

FIGURE 4
FORMER BUILDING TR-1
2013 SUB-SLAB INVESTIGATION
PROPOSED SAMPLING LOCATIONS
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY:	S.G.
DRAWN BY:	J.L.
DWG DATE:	07/25/13
DWG NO:	9186 TR01

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Table 1
Former Building TR-1 Sampling Locations – October 2013

Boring Identification	Soil Boring Total Depth (feet bgs)	Soil Sample Interval (feet bgs)	Monitoring Well Installed	Monitoring Well Total Depth (feet bgs)
Degreaser C/D Area				
MW30	16	10 to 12	Recovery Well (4” Shallow)	21
MW31	16	11 to 13	Monitoring Well (2” Shallow)	21
MW32	16	10 to 12	Monitoring Well (2” Shallow)	21
MW33	16	11 to 13	Monitoring Well (2” Shallow)	21
MW34	16	10 to 12	Monitoring Well (2” Shallow)	21
MW35D	59	Not Sampled	Monitoring Well (2” Deep)	54
DCDPZ01	16	11 to 13	Piezometer (1” Shallow)	21
DCDPZ02	16	11 to 13	Piezometer (1” Shallow)	21
DCDPZ03	16	10 to 12	Piezometer (1” Shallow)	14
DCDPZ04	16	11 to 13	Piezometer (1” Shallow)	16
Sub-Station I Area				
MW25	16	9 to 11	Recovery Well (4” Shallow)	21
MW26	16	9 to 11	Monitoring Well (2” Shallow)	21
MW27	16	9 to 11	Monitoring Well (2” Shallow)	21
MW28	16	9 to 11	Monitoring Well (2” Shallow)	21
MW29	16	11 to 13	Recovery Well (4” Shallow)	21
SSIPZ01	16	Not Sampled*	Piezometer (1” Shallow)	18
SSIPZ02	16	Not Sampled*	Piezometer (1” Shallow)	16
SSIPZ03	16	5 to 7	Piezometer (1” Shallow)	16
SSIPZ04	16	8 to 10	Piezometer (1” Shallow)	16
SSIPZ05	21	Not Sampled*	Piezometer (1” Shallow)	21

Notes:
*Insufficient recovery of soil to sample above the saturated zone; therefore, no sample was submitted for laboratory analysis.
bgs = below ground surface

N

MW10
MW40D
MW38
MW06
FDPZ02
FDPZ04
MW37
MW36
MW39
FDPZ03
FDPZ01
MW19
MW23
MW24
Storm Line #1
Storm Line #2
Storm Line #3
Storm Line #4
MW35D
MW31
DCDPZ02
DCDPZ04
MW33
MW34
MW30
DCDPZ01
DCDPZ03
MW32
MW03S
MW03D
MW13D2
SSIPZ04
MW26
SSIPZ03
MW29
MW25
MW28
SSIPZ01
MW27
SSIPZ02
SSIPZ05

Legend

Investigation Areas

2013 Former TR-1 Investigation Areas

- Floor Drain Area
- Degreaser C/D Area
- Sub-Station I Area
- Storm Lines (Former TR-1)

Site Features

- Stormwater Utility
- Former Site Building Footprint
- Stormwater Ponds
- Site Building Footprint

Former TR-1 Building

Features

- Former TR-1 Column System
- Sub-Station I Excavation (2011)
- Super-Slab Storm Lines
- Former TR-1 Vault Extent

Monitoring Well Network

WellType

- Monitoring Well (2" Diameter)
- Piezometer (1" Diameter)
- Recovery Well (4" Diameter)
- Deep Well (2" Diameter)

Aerial Photographic Source:
NYS GIS Clearinghouse
April 2012

0 25 50 75 100 125 Feet

FIGURE 5
MONITORING WELL AND PIEZOMETER
LOCATIONS AT FORMER TR-1 BUILDING AREA
CARRIER CORPORATION THOMPSON ROAD FACILITY
SYRACUSE, NEW YORK

REQUESTED BY:	S. Goodnight
DRAWN BY:	S. Goodnight
DATE:	3/7/2014
PROJECT NO:	0888814332

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MEMPHIS, TENNESSEE

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Table 2 summarizes the details of drilling and soil sampling methods and installation procedures for the various types and diameters of monitoring wells. Soil borings and monitoring wells were installed in three general steps:

1. A protective polyvinyl chloride (PVC) casing was installed through the engineered cap to maintain bore-hole integrity during soil sampling activities.

2. Soil borings were advanced through the concrete slab to the desired depth using direct-push technology (DPT).

3. PVC piezometers and monitoring wells of varying diameters were installed using equipment and methods described in Table 2.

Table 2
Summary of Drilling Methods at Former Building TR-1 Degreaser C/D and Sub-Station I Areas

Protective Casing Installation		
Drilling Method	**Casing Diameter (Inch)**	**Purpose**
4.25-inch ID HSAs	3	Penetrate EC to install 3-inch PVC Casing at 1-inch piezometer points
4.25-inch ID HSAs	4	Penetrate EC to install 4-inch PVC Casing at 2-inch Type II well points
6.25-inch ID HSAs	6	Penetrate EC to install 6-inch PVC Casing at 4-inch Type II well points
6.25-inch ID HSAs	6	Penetrate EC to install 6-inch PVC Casing at 4-inch conductor casing at Type III well point
HQ Core Barrel (3-inch ID)	3	Install PVC Casing into EC for 1-inch well
PQ Core Barrel (4-inch ID)	4	Install PVC Casing into EC for 2-inch well
Spin-shoe and steel drill pipe (6-inch ID)	6	Install 4-inch PVC (Type II) Recovery Well
Spin-shoe and steel drill pipe (6-inch ID)	6	Install 4-inch steel conductor casing (Type III Well)
Soil Sampling		
Drilling Method	**Casing Diameter (Inches)**	**Purpose**
DPT Geoprobe® DT-22 (2.25-inch OD)	NA	Soil Sampling 1.375 inch soil core
Split-Spoon	NA	24-inch split-spoon sampler driven 30 inches with 140 Lbs hammer
Monitoring Well Installation		
Drilling Method	**Casing Diameter (Inches)**	**Purpose**
DPT Geoprobe® DT-22 (2.25-inch OD)	1	Install 1-inch PVC Type II Piezometer
Spin-shoe and steel drill pipe (6-inch ID)	2	Install 2-inch PVC Type II well
Spin-shoe and steel drill pipe (6-inch ID)	4	Install 4-inch PVC Type II recovery well
Spin-shoe and steel drill pipe (6-inch ID)	4	Install 4-inch Steel Conductor Casing (Type III)
Spin-shoe and steel drill pipe (4-inch ID)	2	Install 2-inch PVC Type III well

Notes:
ID — inside diameter
HSA — hollow-stem auger
EC – Engineered Cover
PVC — polyvinyl chloride
DPT — direct push technology
OD — outside diameter
HQ — 96 millimeter (mm) OD; 63.5 mm ID core barrel
PQ — 122.6 mm OD; 85 mm ID core barrel
Lbs — pounds
NA – not applicable

Protective Casing

Special precautions were taken to preserve the integrity of the engineered cover and concrete slab. Soil borings and monitoring wells were initiated by using hollow-stem augers (HSA) advanced to the top of the concrete floor with a Central Mine Equipment (CME) truck-mounted drilling rig. The HSA was then used as a temporary casing so a hole could be cut through the concrete slab with a core barrel or steel drill pipe with a cutting head (spin-shoe) inserted through the annulus of the HSA. The required diameter of PVC pipe (Table 2) was installed into the cut hole and the sub-slab base materials, and then sealed and secured in place using bentonite chips.

Soil Sampling

Soil samples were collected continuously at each location, as practical, using a track-mounted, DPT drill rig — a Geoprobe® Model 7800 series using DT22 down hole tools. Lithologic information was logged and the soil core was visually examined for indications of contamination (i.e., staining and/or odors). Soil from each 1-foot interval was screened immediately for organic vapors using a photoionization detector (PID) calibrated to 100 parts per million (ppm) isobutylene and measurements were recorded on the soil boring log. Soil from each 2-foot interval above the saturated zone was collected using the laboratory supplied TerraCore sampling kits in accordance with U.S. EPA Method 5035, as required by NYSDEC *DER-10 Technical Guidance for Site Investigation and Remediation,* and stored on ice. As required, the remaining laboratory containers were filled and stored on ice.

Based on the field geologist's observations and field screening results, the sample interval within each soil boring suspected to be the most impacted, or if no notable impacts were identified, the interval immediately above the saturated zone was selected for laboratory analysis. Each soil sample was identified with a unique sample ID identifying the location and depth interval, required analysis, date, and time of collection. Soil samples were stored on ice and hand delivered under chain-of-custody to TestAmerica Laboratories, Inc. (TestAmerica) service center in Syracuse, New York. Samples were then transported via overnight courier under chain-of-custody for analysis at TestAmerica's laboratory in North Canton, Ohio. Lithologic, soil sampling, and field screening data for each location are depicted on boring logs provided in Appendix A.

Soil samples were analyzed for VOCs via U.S. EPA Methods 8260/5035, semi-volatile organic compounds (SVOCs) by U.S. EPA Method 8270, pesticides by U.S. EPA Method 8081, PCBs by U.S. EPA Method 8082, and Resource Conservation and Recovery Act (RCRA) metals by U.S. EPA Methods 6010B/7471, per *NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation* requirements.

Monitoring Well Installation

Monitoring wells were installed with either a DPT rig (piezometers) or a CME truck-mounted drilling rig using the spin-and-wash method (monitoring and recovery wells). Well construction and finishing details are depicted on boring logs provided in Appendix A.

Piezometers were installed using Geoprobe® DT22 tooling. Once soil sampling activities were completed, drilling rods were retracted from the borehole and an expendable drive point was inserted in the drilling string lead rod. The drill string was then advanced to the desired piezometer depth. PVC piezometer well pipe was inserted into the annulus of the drill string, typically including a 15-foot section of 0.01-inch slot monitoring well screen and an appropriate length of PVC casing riser. As the drill string was retracted, 20/24 filter sand pack was placed around the well screen. The retraction of the drill string continued until filter sand was a minimum of 2 feet above the top of the screened interval or 0.5 feet from the base of the former building TR-1 concrete slab. A seal was emplaced in the remainder of the borehole to ground surface by installing hydrated bentonite chips. The bentonite seal was extended from below the bottom of the concrete slab to the ground surface to ensure integrity of the engineered cap and concrete slab.

Monitoring wells and recovery wells were installed with a CME truck-mounted drilling rig using the spin-and-wash method, which utilizes a steel casing with a spin-shoe cutting head advanced to the desired depth. Accumulated soil cuttings in the annulus of the casing were cleared using fluid-rotary with a tri-cone bit and potable water. Soil cuttings and return fluid were containerized and staged on-site for management by Carrier. The minimal amount of potable water was used to complete this process. Once the casing annulus was cleared, PVC monitoring well pipe was installed, typically including a 15-foot section of 0.01-inch slot monitoring well screen and an appropriate length of PVC casing riser. As the drill string was retracted, 20/24 filter sand pack was placed around the well screen. Retraction of the drill string continued until filter sand was a minimum of 2 feet above the top of the monitoring well screen or 0.5 feet from the base of the former building concrete slab. A seal was emplaced in the remainder of the borehole to ground surface by installing hydrated bentonite chips. The bentonite seal was extended from below the bottom of the concrete slab to the ground surface to ensure integrity of the engineered cap and concrete slab.

Monitoring well MW35D, installed into the deep groundwater aquifer, required the installation of a conductor casing to prevent downward movement of shallow groundwater to the deeper zone. The conductor casing was installed using the spin-and-wash method described above and was grouted in place with a cement-bentonite grout. The steel conductor casing was installed through the annulus of the steel drill casing and grouted in place using a cement-bentonite grout tremied through the annular space between the drilling casing and the steel conductor casing. The

cement--grout was allowed to cure for a minimum of 24-hours, at which time, the remainder of the boring was advanced using fluid-rotary with a 4-inch tri-cone bit and potable water as a drilling fluid. Soil samples for lithological classification were collected at 5-foot intervals using a 24-inch carbon steel split-spoon sampler driven by a 140-pound hammer. A shale marker bed was encountered at 59.3 feet bgs, and a 2-inch diameter PVC monitoring well was installed to approximately 54.5 feet bgs through the borehole annulus, including a 15-foot section of 0.01-inch slot monitoring well screen and an appropriate length of PVC casing riser. A 20/24 filter sand pack was tremied around the well screen to a minimum of 2 feet above the top of the monitoring well screen. A bentonite seal was emplaced a minimum of 2 feet above the top of the filter pack, and the remainder of the borehole was grouted to the surface using a cement-bentonite grout.

Groundwater

EnSafe developed monitoring wells MW25 through MW35D, DCDPZ01 through DCDPZ04, and SSIPZ01 through SSIPZ04 from October 15 to November 6, 2013. Recovery wells (4-inch diameter) and monitoring wells (2-inch diameter) were developed using an electrical submersible pump connected to 0.5-inch inside diameter polypropylene tubing. Piezometers (1-inch diameter) were developed using a peristaltic pump and 0.25-inch inside diameter Teflon lined polypropylene tubing. Well development continued until turbidity of the water evacuated from the well was visually clear. A minimum of three to five well volumes were evacuated from each monitoring well. Due to turbidity, some monitoring wells and/or piezometers required the evacuation of additional water volume to achieve adequate development. Waste water from well development activities was disposed by pouring it into the on-site storm water treatment system.

EnSafe collected groundwater samples from each location from October 23 to November 7, 2013. Prior to sampling, each monitoring well was opened and allowed to equilibrate before a water level measurement was obtained using an electronic water level indicator. A tabular summary of well construction and groundwater elevation data for the monitoring well network at the Site (including several groundwater elevation gauging events from November through December 2013) is provided in Appendix B. After collecting depth-to-groundwater measurements, each monitoring well was purged using low flow sampling techniques with a peristaltic pump and dedicated Teflon tubing. Some monitoring wells and piezometers were low yielding and purged dry during sampling activities, and as a consequence, some groundwater samples were collected over the period of a few hours. Groundwater purging forms are provided in Appendix C. During purging activities, water quality parameters (pH, specific conductance, temperature, turbidity, dissolved oxygen, and oxygen-reduction potential) were monitored using a Horiba U-22 water quality meter and recorded on a monitoring well purge field form (Appendix C). After water quality parameter measurements stabilized, groundwater from each monitoring well was collected and poured directly into three 40-milliliter (mL) glass vials preserved with hydrochloric acid using the “straw method.” Additional groundwater sample volume was pumped directly into the appropriate laboratory supplied containers via peristaltic pump. All groundwater samples were immediately stored on ice and hand delivered to the TestAmerica service center under chain-of-custody procedures. Samples were then transported via overnight courier under chain-of-custody procedures for analysis at TestAmerica’s laboratory in North Canton, Ohio.

Based on conversations with the TestAmerica project manager, EnSafe was incorrectly informed groundwater samples to be submitted for PCB analysis could be analyzed using low volume samples (i.e., 250-mL containers) instead of submitting two 1-liter containers typically required.

TestAmerica was unable to conduct the PCB analysis for low volume samples; therefore, some locations were resampled, in a similar method described above, to obtain the required volume for analysis.

Groundwater samples were analyzed for the following: VOCs via U.S. EPA Methods 8260/5035, SVOCs by U.S. EPA Method 8270, pesticides by U.S. EPA Method 8081, PCBs by U.S. EPA Method 8082, and RCRA metals by U.S. EPA Methods 6010B/7471, per *NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation* requirements. At locations where NAPL was encountered, samples of NAPL or NAPL/groundwater emulsions, if insufficient NAPL volume available, were collected and analyzed for total petroleum hydrocarbons – diesel range organics (TPH-DRO) and fingerprinting by U.S. EPA Method 8015 and for PCBs by U.S. EPA Method 8082.

4.0 FINDINGS

Geology and Hydrogeology

Based on review of soil boring and monitoring well logs (Appendix A) for the Degreaser C/D and Sub-Station I investigation areas, lithology of the uppermost 10 to 14 feet beneath the concrete floor is comprised of silty clay which transitions to clay at approximately 16 to 20 feet bgs. A glacial till composed of moderately cemented, fine grained sand and silty sand was encountered from 20 feet to 54 feet with gravelly coarse-grained sand extending to shale refusal at 59.3 feet bgs. The concrete slab was generally encountered from 3.2 to 3.7 feet bgs. The Degreaser C/D area yielded the highest field screening results which ranged from 0 to 376 ppm. Significant field screening results, ranging from 100 ppm to 376 ppm, were recorded in the 8 to 13 feet bgs intervals at the following locations: DCDPZ02, DCDPZ04, MW31, MW32, MW33, and MW34. The highest field screening measurement recorded, 376 ppm, was observed at location MW33 in the 11 to 12 feet bgs interval. Field screening measurements from the Sub-Station I area ranged from 0 to 21.3 ppm with the maximum measurement recorded at location MW25 in the 10 to 11 feet bgs interval.

NAPL was encountered during former Building TR-1 Degreaser C/D and Sub-Station I investigation activities. NAPL observation locations and measurements during November and December 2013 are tabulated in Appendix B. NAPL measurements ranged from 0.01 to 0.27 feet thick at the Degreaser C/D area and from 0.06 to 2.73 feet thick at the Sub-Station I area. NAPL samples were collected via disposable bailer from piezometer DCDPZ04 within the Degreaser C/D area and from monitoring well MW25 and piezometer SSIPZ04 on December 5, 2013. According to the laboratory, the NAPL sample collected at DCDPZ04 did not contain sufficient free-phase material for analysis of both PCBs and TPH-DRO; therefore, an additional NAPL sample was collected and submitted to the laboratory on January 17, 2014.

Soil boring and monitoring well logs indicate depth to shallow groundwater ranged from 5 to 15 feet bgs at the time of advancement. Depth to groundwater measurements collected at monitoring wells installed in the Degreaser C/D area during several gauging events from November through December 2013 (Appendix B) ranged from 6.86 to 13.50 feet bgs and in the Sub-Station I area they ranged from 4.60 to 10.48 feet bgs. Historically, general groundwater flow direction for the shallow aquifer at the Site is to the west/northwest. Based on review of potentiometric data collected during former building TR-1 Floor Drain investigation activities and subsequent Site-wide gauging events, the historically observed trend of groundwater flowing to the west/northwest was repeated during these events. Potentiometric surface data and groundwater flow trends from three Site-wide gauging events conducted in late 2013 are depicted on Figures 6 through 8.

MW05R
32.36

MW17
27.72

MW21
29.99

MW42
29.09

MW14D
NC

MW14
38.74 (NC)

MW18
28.86

MW11
NM

MW50
32.65

MW43
31.21

MW47
32.77

MW48
32.01

MW46
34.72

MW49
35.62

MW44
37.47

MW45
35.49

MW20
NM

PLR-002
NC

MW41D
NC

PLR-001
NC

MW10
32.90

MW38
33.92

MW06
33.76

FDPZ02
33.73

MW40D
NC

FDPZ04
34.61

MW37
34.31

FDPZ03
34.58

FDPZ01
34.53

MW36
34.41

MW39
34.50

MW19
34.16

MW23
33.48

MW24
34.46

MW35D
NC

MW31
35.10

DCDPZ04
35.32

DCDPZ02
35.52

MW38
35.13

DCDPZ01
38.19

MW34
35.64

MW30
35.76

MW32
36.56

DCDPZ03
35.72

MW26
36.79

SSIPZ04
36.30

SSIPZ03
36.64

MW28
37.40

MW25
36.79

MW29
36.46

SSIPZ01
36.66

MW27
37.01

SSIPZ02
38.73

SSIPZ05
NM

MW03S
36.61

MW03D
NC

MW13D2
NC

MW22D
NC

MW08
NM

30

31

32

33

34

35

36

37

38

Legend

- Monitoring Well (2" Diameter)
- Piezometer (1" Diameter)
- Recovery Well (4" Diameter)
- Deep Well (2" Diameter)
- **MW31** NAPL Observed At Location
- Potentiometric Surface Contour (ft)
- Sanitary - Manways
- Stormwater Utility
- Former Site Building Footprint
- Stormwater Ponds
- Site Building Footprint

NC - Not Considered for Potentiometric Model
NM - Not Measured During Gauging Event

Aerial Photographic Source:
NYS GIS Clearinghouse
April 2012

0 70 140 210 280 350 Feet

FIGURE 6
POTENTIOMETRIC SURFACE MAP
SHALLOW GROUNDWATER AQUIFER
NOVEMBER 25-26, 2013
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY: S. Goodnight	ENSAFE
DRAWN BY: N. Rinehart	
DATE: 2/6/2014	
PROJECT NO: 0888814332	1-800-588-7962 WWW.ENSAFE.COM MEMPHIS, TENNESSEE

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MW05R
32.57

MW17
27.63

MW21
31.35

MW42
29.08

MW14D
NC

MW14
39.31 (NC)

MW18
28.95

MW11
NM

MW50
32.61

MW43
32.03

MW47
33.31

MW48
32.51

MW46
34.79

MW49
35.74

MW44
37.04

MW45
35.04

MW20
NM

FLR-002
NC

MW41D
NC

FLR-001
NC

MW10
33.27

MW38
34.97

MW06
33.98

FDPZ02
34.06

MW40D
NC

FDPZ04
34.89

MW37
34.75

FDPZ03
35.00

FDPZ01
34.84

MW36
34.86

MW39
34.95

MW19
34.77

MW23
33.54

MW24
35.00

MW35D
NC

MW31
35.74

DCDPZ04
35.86

DCDPZ02
35.75

MW39
35.75

DCDPZ01
38.79

MW34
36.09

MW30
36.20

MW32
36.76

DCDPZ03
35.98

MW26
37.14

SSIPZ04
37.20

SSIPZ03
36.87

MW28
37.63

MW25
37.09

MW29
36.81

SSIPZ01
37.00

MW27
37.90

SSIPZ02
37.58

SSIPZ05
39.26

MW03S
36.82

MW03D
NC

MW13D2
NC

MW22D
NC

MW08
NM

29
30
31
32
33
34
35
36
37
38

Legend

- Monitoring Well (2" Diameter)
- Piezometer (1" Diameter)
- Recovery Well (4" Diameter)
- Deep Well (2" Diameter)
- **MW25** NAPL Observed At Location
- Potentiometric Surface Contour (ft)
- Sanitary - Manways
- Stormwater Utility
- Former Site Building Footprint
- Stormwater Ponds
- Site Building Footprint

NC - Not Considered for Potentiometric Model
NM - Not Measured During Gauging Event

Aerial Photographic Source:
NYS GIS Clearinghouse
April 2012

0 70 140 210 280 350 Feet

FIGURE 7
POTENTIOMETRIC SURFACE MAP
SHALLOW GROUNDWATER AQUIFER
DECEMBER 9-10, 2013
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY: S. Goodnight	
DRAWN BY: N. Rinehart	
DATE: 2/6/2014	
PROJECT NO: 0888814332	

ENSAFE
1-800-588-7962
WWW.ENSAFE.COM
MEMPHIS, TENNESSEE

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MW05R
32.84
MW17
28.27
MW21
32.32
MW42
29.15
MW14D
NC
MW14
32.13 (NC)
MW18
29.39
MW11
NM
MW50
32.76
MW43
32.58
MW47
33.27
MW48
32.88
MW46
34.91
MW49
35.81
MW45
35.24
MW44
37.15
MW20
NM
PLR-002
NC
MW41D
NC
PLR-001
NC
MW10
33.36
MW40D
NC
MW38
34.36
MW06
34.09
FDPZ02
NM
MW37
NM
FDPZ04
35.01
FDPZ03
35.10
FDPZ01
35.08
MW36
34.95
MW39
35.09
MW19
34.94
MW23
33.49 (NC)
MW24
35.05
MW35D
NC
MW31
35.73
DCDPZ04
35.88
MW33
NM
DCDPZ02
35.91
DCDPZ01
39.01 (NC)
MW34
36.15
MW30
36.14
MW32
36.96
DCDPZ03
36.11
MW03D
NC
MW03S
36.60
MW13D2
NC
MW26
37.40
SSIPZ04
36.80
SSIPZ03
37.86
MW28
37.96
MW25
37.42
MW29
37.07
SSIPZ01
37.12
MW27
NM
SSIPZ02
37.81
SSIPZ05
NM
MW22D
NC
MW08
NM
30
31
32
33
34
35
36
37
38
39

Legend

- Monitoring Well (2" Diameter)
- Piezometer (1" Diameter)
- Recovery Well (4" Diameter)
- Deep Well (2" Diameter)
- **MW25** NAPL Observed At Location
- Potentiometric Surface Contour (ft)
- Sanitary - Manways
- Stormwater Utility
- Former Site Building Footprint
- Stormwater Ponds
- Site Building Footprint

NC - Not Considered for Potentiometric Model
NM - Not Measured During Gauging Event

Aerial Photographic Source:
NYS GIS Clearinghouse
April 2012

0 70 140 210 280 350 Feet

FIGURE 8
POTENTIOMETRIC SURFACE MAP
SHALLOW GROUNDWATER AQUIFER
DECEMBER 23-24, 2013
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY: S. Goodnight	ENSAFE
DRAWN BY: N. Rinehart	
DATE: 2/6/2014	
PROJECT NO: 0888814332	1-800-588-7962 WWW.ENSAFE.COM MEMPHIS, TENNESSEE

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5.0 LABORATORY ANALYTICAL RESULTS

Reports detailing complete laboratory analytical results (detections and non-detections) for all samples submitted for analysis are presented in Appendix D.

5.1 Soil Analytical Results

Volatile Organic Compounds

Soil laboratory analytical results were compared to December 2006 NYSDEC-DER 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Soil Cleanup Objectives (SCOs), Unrestricted Use, Restricted Use Commercial and Industrial, Protection of Groundwater, and Protection of Ecological Resources screening standards. Laboratory analytical results for soil samples reported several VOCs, SVOCs, pesticides, PCBs, and metal constituents at concentrations greater than laboratory method detection and/or reporting limits; these concentrations are summarized in Table 3. Table 4 lists analytes for which reported concentrations exceeded their respective screening limits.

Table 3
Laboratory Analytical Detections in Shallow Soil Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

							Degreaser C/D Area			
						Sample Location:	DCDPZ01	DCDPZ02	DCDPZ03	DCDPZ04
						Sample ID:	CARDCDPZ01S11	CARDCDPZ02S11	CARDCDPZ03S10	CARDCDPZ04S11
						Sample Date:	10/14/2013	10/14/2013	10/11/2013	10/14/2013
						Sample Type:	Normal	Normal	Normal	Normal
		RESTRICTED USE				**Matrix:**	Soil	Soil	Soil	Soil
Analyte	**UNRESTRICTED (a)**	**COMMERCIAL (b)**	**INDUSTRIAL (c)**	**PROTECTION OF GW (d)**	**PROTECTION OF ECOLOGY (e)**	**Units**				
Volatile Organic Compounds										
1,1,1-Trichloroethane	680	500,000	1,000,000	680		ug/kg	ND	ND	ND	ND
1,1-Dichloroethane	270	240,000	480,000	270		ug/kg	81	1.4 J	12	ND
1,2,4-Trichlorobenzene						ug/kg	1.1 J	ND	ND	ND
1,2-Dichlorobenzene	1,100	500,000	1,000,000	1,100		ug/kg	2.8 J	0.86 J	ND	ND
1,3-Dichlorobenzene	2,400	280,000	560,000	2,400		ug/kg	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	130,000	250,000	1,800	20,000	ug/kg	ND	ND	ND	ND
2-Butanone (MEK)	120	500,000	1,000,000	120	100,000	ug/kg	ND	2.2 J	ND	5.6 J
4-Methyl-2-Pentanone (MIBK)						ug/kg	ND	ND	ND	ND
Acetone	50	500,000	1,000,000	50	2,200	ug/kg	43 B	24	ND	**56 ad**
Carbon disulfide						ug/kg	ND	ND	ND	ND
Chlorobenzene	1,100	500,000	1,000,000	1,100	40,000	ug/kg	ND	ND	ND	ND
Chloroethane						ug/kg	2 J	ND	ND	ND
cis-1,2-Dichloroethene	250	500,000	1,000,000	250		ug/kg	2.3 J	ND	0.85 J	ND
Ethylbenzene	1,000	390,000	780,000	1,000		ug/kg	ND	ND	ND	1.8 J
Methylene chloride	50	500,000	1,000,000	50	12,000	ug/kg	8.3 B	5.5	8.7	5.2
Styrene						ug/kg	ND	ND	ND	ND
Tetrachloroethene	1,300	150,000	300,000	1,300	2,000	ug/kg	ND	ND	ND	ND
Toluene	700	500,000	1,000,000	700	36,000	ug/kg	ND	ND	ND	ND
trans-1,2-Dichloroethene	190	500,000	1,000,000	190		ug/kg	2.6 JB	0.42 J	0.92 J	1.3 J
Trichloroethene	470	200,000	400,000	470	2,000	ug/kg	2.3 J	ND	1.2 J	0.39 J
Trichlorofluoromethane						ug/kg	ND	ND	ND	ND
Vinyl chloride	20	13,000	27,000	20		ug/kg	2.4 J	ND	ND	ND
Xylene (Total)	260	500,000	1,000,000	1,600	260	ug/kg	ND	ND	ND	ND
Semi-volatile Organic Compounds										
2-Methylnaphthalene						ug/kg	ND	120	ND	430
3-Methylphenol/4-Methylphenol						ug/kg	ND	ND	ND	ND
4-Chloro-3-methylphenol						ug/kg	ND	ND	ND	ND
Acenaphthene	20,000	500,000	1,000,000	98,000	20,000	ug/kg	240	ND	ND	21 J
Acenaphthylene	100,000	500,000	1,000,000	107,000		ug/kg	ND	ND	ND	ND
Anthracene	100,000	500,000	1,000,000	1,000,000		ug/kg	310	12	ND	35
Benzo(a)anthracene	1,000	5,600	11,000	1,000		ug/kg	290	25	ND	ND
Benzo(a)pyrene	1,000	1,000	1,100	22,000	2,600	ug/kg	180	14	ND	25 J
Benzo(b)fluoranthene	1,000	5,600	11,000	1,700		ug/kg	270	23	ND	26 J
Benzo(g,h,i)perylene	100,000	500,000	1,000,000	1,000,000		ug/kg	ND	ND	ND	ND
Benzo(k)fluoranthene	800	56,000	110,000	1,700		ug/kg	120 J	7.2 J	ND	ND
bis(2-Chloroethyl)ether						ug/kg	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate						ug/kg	ND	88	36 J	100 J
Carbazole						ug/kg	ND	ND	ND	ND
Chrysene	1,000	56,000	110,000	1,000		ug/kg	310	24	ND	ND
Di-n-butylphthalate						ug/kg	ND	24 JB	130 B	ND
Dibenz(a,h)anthracene	330	560	1,100	1,000,000		ug/kg	ND	ND	ND	ND
Dibenzofuran	7,000	350,000	1,000,000	210,000		ug/kg	270 J	9.7 J	ND	30 J
Fluoranthene	100,000	500,000	1,000,000	1,000,000		ug/kg	1,100	86	ND	160
Fluorene	30,000	500,000	1,000,000	386,000	30,000	ug/kg	350	15	ND	49
Indeno(1,2,3-cd)pyrene	500	5,600	11,000	8,200		ug/kg	ND	7.2 J	ND	ND
Naphthalene	12,000	500,000	1,000,000	12,000		ug/kg	ND	170	ND	660
Phenanthrene	100,000	500,000	1,000,000	1,000,000		ug/kg	1,700	90	ND	190
Phenol	330	500,000	1,000,000	330	30,000	ug/kg	ND	ND	ND	ND
Pyrene	100,000	500,000	1,000,000	1,000,000		ug/kg	860	69	ND	110
Pesticides										
Aldrin	5	680	1,400	190	140	ug/kg	ND	ND	ND	ND
alpha-BHC	20	3,400	6,800	20	40	ug/kg	ND	ND	ND	ND
alpha-Chlordane	94	24,000	47,000	2,900	1,300	ug/kg	1.8 J	ND	ND	ND
beta-BHC	36	3,000	14,000	90	600	ug/kg	ND	ND	ND	ND
Dieldrin	5	1,400	2,800	100	6	ug/kg	ND	ND	ND	ND
Endosulfan sulfate	2,400	200,000	920,000	1,000,000		ug/kg	ND	ND	ND	ND
Endrin aldehyde						ug/kg	ND	ND	ND	ND
Methoxychlor						ug/kg	ND	ND	ND	3.1 J
Polychlorinated Bi-phenyls										
Aroclor 1254	100	1,000	25,000	3,200	1,000	ug/kg	ND	33 J	ND	ND
Aroclor 1260	100	1,000	25,000	3,200	1,000	ug/kg	38 J	ND	ND	ND
RCRA Metals										
Arsenic	13,000	16,000	16,000	16,000	13,000	ug/kg	2,800	5,600	8,900	4,400
Barium	350,000	400,000	10,000,000	820,000	433,000	ug/kg	62,000 B	120,000 B	77,000 B	81,000 B
Cadmium	2,500	9,300	60,000	7,500	4,000	ug/kg	73 J	51 J	49 J	63 J
Chromium	30,000	1,500,000	6,800,000		41,000	ug/kg	14,000	17,000	17,000	18,000
Lead	63,000	1,000,000	3,900,000	450,000	63,000	ug/kg	6,600	7,100	9,400	9,100
Mercury	180	2,800	5,700	730	180	ug/kg	22 J	20 J	32 J	44 J

ND = Non-detect.

NA = Not Analyzed.

a = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Unrestricted Use.

b = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Commercial.

c = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Industrial.

d = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Groundwater.

e = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Ecological Resources.

J = Result is less than the method reporting limit but greater than method detection limit.

B = Analyte was detected in both the sample and the blank sample.

H = Sample was prepped or analyzed beyond the specified holding time.

ENSAFE

Table 3
Laboratory Analytical Detections in Shallow Soil Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

							Degreaser C/D Area				
						Sample Location:	MW30	MW31	MW32	MW33	MW34
						Sample ID:	CARMW30S10	CARMW31S11	CARMW32S10	CARMW33S11	CARMW34S10
						Sample Date:	10/14/2013	10/14/2013	10/14/2013	10/14/2013	10/11/2013
						Sample Type:	Normal	Normal	Normal	Normal	Normal
		RESTRICTED USE				**Matrix:**	Soil	Soil	Soil	Soil	Soil
Analyte	**UNRESTRICTED (a)**	**COMMERCIAL (b)**	**INDUSTRIAL (c)**	**PROTECTION OF GW (d)**	**PROTECTION OF ECOLOGY (e)**	**Units**					
Volatile Organic Compounds											
1,1,1-Trichloroethane	680	500,000	1,000,000	680		ug/kg	ND	ND	140 J	ND	ND
1,1-Dichloroethane	270	240,000	480,000	270		ug/kg	ND	ND	200 J	ND	ND
1,2,4-Trichlorobenzene						ug/kg	ND	67 J	ND	ND	ND
1,2-Dichlorobenzene	1,100	500,000	1,000,000	1,100		ug/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	280,000	560,000	2,400		ug/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	130,000	250,000	1,800	20,000	ug/kg	ND	ND	ND	ND	ND
2-Butanone (MEK)	120	500,000	1,000,000	120	100,000	ug/kg	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)						ug/kg	ND	ND	ND	ND	ND
Acetone	50	500,000	1,000,000	50	2,200	ug/kg	ND	ND	ND	ND	ND
Carbon disulfide						ug/kg	ND	ND	ND	ND	ND
Chlorobenzene	1,100	500,000	1,000,000	1,100	40,000	ug/kg	ND	ND	ND	ND	ND
Chloroethane						ug/kg	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	500,000	1,000,000	250		ug/kg	ND	ND	210 J	ND	ND
Ethylbenzene	1,000	390,000	780,000	1,000		ug/kg	ND	ND	ND	ND	ND
Methylene chloride	50	500,000	1,000,000	50	12,000	ug/kg	ND	ND	ND	ND	ND
Styrene						ug/kg	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	150,000	300,000	1,300	2,000	ug/kg	ND	ND	66 J	ND	ND
Toluene	700	500,000	1,000,000	700	36,000	ug/kg	ND	ND	99 J	ND	ND
trans-1,2-Dichloroethene	190	500,000	1,000,000	190		ug/kg	17 JB	ND	36 JB	ND	ND
Trichloroethene	470	200,000	400,000	470	2,000	ug/kg	ND	ND	64 J	ND	ND
Trichlorofluoromethane						ug/kg	ND	ND	ND	ND	ND
Vinyl chloride	20	13,000	27,000	20		ug/kg	ND	ND	ND	ND	ND
Xylene (Total)	260	500,000	1,000,000	1,600	260	ug/kg	ND	ND	16 JB	ND	ND
Semi-volatile Organic Compounds											
2-Methylnaphthalene						ug/kg	310	1,200	730	3,400	ND
3-Methylphenol/4-Methylphenol						ug/kg	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol						ug/kg	ND	ND	ND	ND	ND
Acenaphthene	20,000	500,000	1,000,000	98,000	20,000	ug/kg	ND	ND	ND	ND	ND
Acenaphthylene	100,000	500,000	1,000,000	107,000		ug/kg	ND	ND	ND	ND	ND
Anthracene	100,000	500,000	1,000,000	1,000,000		ug/kg	35	120	39	90 J	27 J
Benzo(a)anthracene	1,000	5,600	11,000	1,000		ug/kg	ND	120	ND	170	ND
Benzo(a)pyrene	1,000	1,000	1,100	22,000	2,600	ug/kg	ND	67 J	ND	ND	19 J
Benzo(b)fluoranthene	1,000	5,600	11,000	1,700		ug/kg	29 J	89	ND	130 J	26 J
Benzo(g,h,i)perylene	100,000	500,000	1,000,000	1,000,000		ug/kg	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	800	56,000	110,000	1,700		ug/kg	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether						ug/kg	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate						ug/kg	130 J	ND	ND	ND	100 J
Carbazole						ug/kg	ND	ND	ND	ND	ND
Chrysene	1,000	56,000	110,000	1,000		ug/kg	ND	110	ND	140 J	ND
Di-n-butylphthalate						ug/kg	ND	ND	ND	ND	83 J
Dibenz(a,h)anthracene	330	560	1,100	1,000,000		ug/kg	ND	ND	ND	ND	ND
Dibenzofuran	7,000	350,000	1,000,000	210,000		ug/kg	21 J	86 J	26 J	ND	19 J
Fluoranthene	100,000	500,000	1,000,000	1,000,000		ug/kg	130	390	160	470	110
Fluorene	30,000	500,000	1,000,000	386,000	30,000	ug/kg	33	120	40	120 J	29 J
Indeno(1,2,3-cd)pyrene	500	5,600	11,000	8,200		ug/kg	ND	44 J	ND	ND	ND
Naphthalene	12,000	500,000	1,000,000	12,000		ug/kg	380	2,000	1,500	7,400	18 J
Phenanthrene	100,000	500,000	1,000,000	1,000,000		ug/kg	140	530	180	570	57
Phenol	330	500,000	1,000,000	330	30,000	ug/kg	ND	ND	ND	ND	ND
Pyrene	100,000	500,000	1,000,000	1,000,000		ug/kg	99	290	140	360	88
Pesticides											
Aldrin	5	680	1,400	190	140	ug/kg	ND	ND	ND	ND	ND
alpha-BHC	20	3,400	6,800	20	40	ug/kg	ND	ND	ND	ND	ND
alpha-Chlordane	94	24,000	47,000	2,900	1,300	ug/kg	ND	ND	ND	ND	ND
beta-BHC	36	3,000	14,000	90	600	ug/kg	ND	ND	ND	ND	ND
Dieldrin	5	1,400	2,800	100	6	ug/kg	ND	ND	ND	ND	ND
Endosulfan sulfate	2,400	200,000	920,000	1,000,000		ug/kg	ND	ND	ND	ND	1.1 J
Endrin aldehyde						ug/kg	ND	ND	ND	ND	ND
Methoxychlor						ug/kg	ND	ND	ND	ND	9.2
Polychlorinated Bi-phenyls											
Aroclor 1254	100	1,000	25,000	3,200	1,000	ug/kg	29 J	ND	56	ND	59
Aroclor 1260	100	1,000	25,000	3,200	1,000	ug/kg	ND	ND	ND	ND	ND
RCRA Metals											
Arsenic	13,000	16,000	16,000	16,000	13,000	ug/kg	6,300	8,800	5,800	6,200	2,800
Barium	350,000	400,000	10,000,000	820,000	433,000	ug/kg	70,000 B	89,000 B	90,000 B	80,000 B	67,000 B
Cadmium	2,500	9,300	60,000	7,500	4,000	ug/kg	44 J	63 J	80 J	100 J	100 J
Chromium	30,000	1,500,000	6,800,000		41,000	ug/kg	18,000	20,000	14,000	21,000	14,000
Lead	63,000	1,000,000	3,900,000	450,000	63,000	ug/kg	9,000	8,900	9,300	10,000	6,000
Mercury	180	2,800	5,700	730	180	ug/kg	34 J	38 J	33 J	38 J	36 J

ND = Non-detect.
NA = Not Analyzed.
a = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Unrestricted Use.
b = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Commercial.
c = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Industrial.
d = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Groundwater.
e = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Ecological Resources.
J = Result is less than the method reporting limit but greater than method detection limit.
B = Analyte was detected in both the sample and the blank sample.
H = Sample was prepped or analyzed beyond the specified holding time.

Table 3
Laboratory Analytical Detections in Shallow Soil Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

							Sub-Station I Area			
						Sample Location:	SSIPZ03	SSIPZ04	MW25	MW26
						Sample ID:	CARSSIPZ03S05	CARSSIPZ04S08	CARMW25S09	CARMW26S09
						Sample Date:	10/15/2013	10/15/2013	10/15/2013	10/16/2013
						Sample Type:	Normal	Normal	Normal	Normal
		RESTRICTED USE				**Matrix:**	Soil	Soil	Soil	Soil
Analyte	**UNRESTRICTED (a)**	**COMMERCIAL (b)**	**INDUSTRIAL (c)**	**PROTECTION OF GW (d)**	**PROTECTION OF ECOLOGY (e)**	**Units**				
Volatile Organic Compounds										
1,1,1-Trichloroethane	680	500,000	1,000,000	680		ug/kg	ND	ND	ND	ND
1,1-Dichloroethane	270	240,000	480,000	270		ug/kg	ND	120 J	7.5	ND
1,2,4-Trichlorobenzene						ug/kg	ND	ND	51	ND
1,2-Dichlorobenzene	1,100	500,000	1,000,000	1,100		ug/kg	ND	14 J	1.2 J	ND
1,3-Dichlorobenzene	2,400	280,000	560,000	2,400		ug/kg	ND	ND	13	ND
1,4-Dichlorobenzene	1,800	130,000	250,000	1,800	20,000	ug/kg	ND	ND	20	ND
2-Butanone (MEK)	120	500,000	1,000,000	120	100,000	ug/kg	ND	ND	ND	3 J
4-Methyl-2-Pentanone (MIBK)						ug/kg	ND	170 J	ND	ND
Acetone	50	500,000	1,000,000	50	2,200	ug/kg	16 J	**220 J ad**	47	24
Carbon disulfide						ug/kg	ND	ND	ND	ND
Chlorobenzene	1,100	500,000	1,000,000	1,100	40,000	ug/kg	ND	ND	1.7 J	ND
Chloroethane						ug/kg	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	500,000	1,000,000	250		ug/kg	5.2	**490 ad**	4.8	0.72 J
Ethylbenzene	1,000	390,000	780,000	1,000		ug/kg	ND	ND	ND	ND
Methylene chloride	50	500,000	1,000,000	50	12,000	ug/kg	8.6 B	ND	3.9 JB	7.4 B
Styrene						ug/kg	ND	ND	ND	ND
Tetrachloroethene	1,300	150,000	300,000	1,300	2,000	ug/kg	ND	120 J	20	0.9 J
Toluene	700	500,000	1,000,000	700	36,000	ug/kg	ND	23 J	0.7 J	ND
trans-1,2-Dichloroethene	190	500,000	1,000,000	190		ug/kg	ND	30 J	0.91 J	1.7 J
Trichloroethene	470	200,000	400,000	470	2,000	ug/kg	23	180 J	18	0.47 J
Trichlorofluoromethane						ug/kg	ND	ND	ND	ND
Vinyl chloride	20	13,000	27,000	20		ug/kg	4.7 J	**33 J ad**	0.7 J	ND
Xylene (Total)	260	500,000	1,000,000	1,600	260	ug/kg	ND	ND	2.5 J	ND
Semi-volatile Organic Compounds										
2-Methylnaphthalene						ug/kg	250	32	30	8.7
3-Methylphenol/4-Methylphenol						ug/kg	ND	360 J	ND	ND
4-Chloro-3-methylphenol						ug/kg	ND	62 J	ND	ND
Acenaphthene	20,000	500,000	1,000,000	98,000	20,000	ug/kg	ND	ND	51	25
Acenaphthylene	100,000	500,000	1,000,000	107,000		ug/kg	ND	6.1 J	12	ND
Anthracene	100,000	500,000	1,000,000	1,000,000		ug/kg	ND	35	83	35
Benzo(a)anthracene	1,000	5,600	11,000	1,000		ug/kg	ND	59	130	ND
Benzo(a)pyrene	1,000	1,000	1,100	22,000	2,600	ug/kg	ND	41	ND	52
Benzo(b)fluoranthene	1,000	5,600	11,000	1,700		ug/kg	ND	59	250	63
Benzo(g,h,i)perylene	100,000	500,000	1,000,000	1,000,000		ug/kg	ND	ND	ND	ND
Benzo(k)fluoranthene	800	56,000	110,000	1,700		ug/kg	ND	ND	ND	ND
bis(2-Chloroethyl)ether						ug/kg	ND	27 J	ND	11 J
bis(2-Ethylhexyl)phthalate						ug/kg	48 J	ND	ND	ND
Carbazole						ug/kg	ND	83	ND	ND
Chrysene	1,000	56,000	110,000	1,000		ug/kg	ND	54	160	ND
Di-n-butylphthalate						ug/kg	100 B	50 JB	110 B	120 B
Dibenz(a,h)anthracene	330	560	1,100	1,000,000		ug/kg	ND	ND	ND	ND
Dibenzofuran	7,000	350,000	1,000,000	210,000		ug/kg	61	29 J	45 J	27 J
Fluoranthene	100,000	500,000	1,000,000	1,000,000		ug/kg	6 J	130	310	200
Fluorene	30,000	500,000	1,000,000	386,000	30,000	ug/kg	50	27	75	57
Indeno(1,2,3-cd)pyrene	500	5,600	11,000	8,200		ug/kg	ND	ND	ND	ND
Naphthalene	12,000	500,000	1,000,000	12,000		ug/kg	28	55	39	ND
Phenanthrene	100,000	500,000	1,000,000	1,000,000		ug/kg	22	140	340	19
Phenol	330	500,000	1,000,000	330	30,000	ug/kg	ND	58 J	ND	ND
Pyrene	100,000	500,000	1,000,000	1,000,000		ug/kg	7 J	120	480	220
Pesticides										
Aldrin	5	680	1,400	190	140	ug/kg	ND	**25 H a**	ND	ND
alpha-BHC	20	3,400	6,800	20	40	ug/kg	ND	14 H	6.3 JH	ND
alpha-Chlordane	94	24,000	47,000	2,900	1,300	ug/kg	ND	ND	ND	ND
beta-BHC	36	3,000	14,000	90	600	ug/kg	ND	ND	14 H	ND
Dieldrin	5	1,400	2,800	100	6	ug/kg	ND	ND	**22 H ae**	ND
Endosulfan sulfate	2,400	200,000	920,000	1,000,000		ug/kg	ND	ND	30 H	ND
Endrin aldehyde						ug/kg	ND	ND	21 H	ND
Methoxychlor						ug/kg	ND	ND	55 H	ND
Polychlorinated Bi-phenyls										
Aroclor 1254	100	1,000	25,000	3,200	1,000	ug/kg	ND	ND	ND	ND
Aroclor 1260	100	1,000	25,000	3,200	1,000	ug/kg	ND	ND	**4,300 abde**	ND
RCRA Metals										
Arsenic	13,000	16,000	16,000	16,000	13,000	ug/kg	3,900	3,500	4,300	7,900
Barium	350,000	400,000	10,000,000	820,000	433,000	ug/kg	71,000 B	56,000 B	88,000 B	120,000 B
Cadmium	2,500	9,300	60,000	7,500	4,000	ug/kg	89 J	100 J	100 J	110 J
Chromium	30,000	1,500,000	6,800,000		41,000	ug/kg	10,000	12,000	14,000	14,000
Lead	63,000	1,000,000	3,900,000	450,000	63,000	ug/kg	5,500	8,900	7,100	6,800
Mercury	180	2,800	5,700	730	180	ug/kg	16 J	47 J	25 J	26 J

ND = Non-detect.

NA = Not Analyzed.

a = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Unrestricted Use.

b = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Commercial.

c = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Industrial.

d = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Groundwater.

e = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Ecological Resources.

J = Result is less than the method reporting limit but greater than method detection limit.

B = Analyte was detected in both the sample and the blank sample.

H = Sample was prepped or analyzed beyond the specified holding time.

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Table 3
Laboratory Analytical Detections in Shallow Soil Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

							Sub-Station I Area		
						Sample Location:	MW27	MW28	MW29
						Sample ID:	CARMW27S09	CARMW28S09	CARMW29S11
						Sample Date:	10/16/2013	10/16/2013	10/28/2013
						Sample Type:	Normal	Normal	Normal
		RESTRICTED USE				**Matrix:**	Soil	Soil	Soil
Analyte	**UNRESTRICTED (a)**	**COMMERCIAL (b)**	**INDUSTRIAL (c)**	**PROTECTION OF GW (d)**	**PROTECTION OF ECOLOGY (e)**	**Units**			
Volatile Organic Compounds									
1,1,1-Trichloroethane	680	500,000	1,000,000	680		ug/kg	ND	1.1 J	ND
1,1-Dichloroethane	270	240,000	480,000	270		ug/kg	14	18	ND
1,2,4-Trichlorobenzene						ug/kg	ND	22	ND
1,2-Dichlorobenzene	1,100	500,000	1,000,000	1,100		ug/kg	ND	4.6 J	ND
1,3-Dichlorobenzene	2,400	280,000	560,000	2,400		ug/kg	ND	14	ND
1,4-Dichlorobenzene	1,800	130,000	250,000	1,800	20,000	ug/kg	ND	67	ND
2-Butanone (MEK)	120	500,000	1,000,000	120	100,000	ug/kg	2.8 J	ND	ND
4-Methyl-2-Pentanone (MIBK)						ug/kg	ND	5.5 J	ND
Acetone	50	500,000	1,000,000	50	2,200	ug/kg	20	**160 ad**	39
Carbon disulfide						ug/kg	ND	ND	0.73 J
Chlorobenzene	1,100	500,000	1,000,000	1,100	40,000	ug/kg	ND	1.9 J	ND
Chloroethane						ug/kg	ND	ND	ND
cis-1,2-Dichloroethene	250	500,000	1,000,000	250		ug/kg	ND	6.6	7.7
Ethylbenzene	1,000	390,000	780,000	1,000		ug/kg	ND	ND	ND
Methylene chloride	50	500,000	1,000,000	50	12,000	ug/kg	3.9 JB	3.1 J	ND
Styrene						ug/kg	ND	ND	ND
Tetrachloroethene	1,300	150,000	300,000	1,300	2,000	ug/kg	ND	ND	ND
Toluene	700	500,000	1,000,000	700	36,000	ug/kg	ND	1.8 J	ND
trans-1,2-Dichloroethene	190	500,000	1,000,000	190		ug/kg	0.71 J	0.9 J	ND
Trichloroethene	470	200,000	400,000	470	2,000	ug/kg	ND	ND	72
Trichlorofluoromethane						ug/kg	ND	ND	ND
Vinyl chloride	20	13,000	27,000	20		ug/kg	0.81 J	2.2 J	0.52 J
Xylene (Total)	260	500,000	1,000,000	1,600	260	ug/kg	ND	ND	ND
Semi-volatile Organic Compounds									
2-Methylnaphthalene						ug/kg	5.2 J	8.1	NA
3-Methylphenol/4-Methylphenol						ug/kg	ND	ND	NA
4-Chloro-3-methylphenol						ug/kg	ND	ND	NA
Acenaphthene	20,000	500,000	1,000,000	98,000	20,000	ug/kg	26	ND	NA
Acenaphthylene	100,000	500,000	1,000,000	107,000		ug/kg	4.8 J	ND	NA
Anthracene	100,000	500,000	1,000,000	1,000,000		ug/kg	21	8.1	NA
Benzo(a)anthracene	1,000	5,600	11,000	1,000		ug/kg	ND	ND	NA
Benzo(a)pyrene	1,000	1,000	1,100	22,000	2,600	ug/kg	51	ND	NA
Benzo(b)fluoranthene	1,000	5,600	11,000	1,700		ug/kg	71	14	NA
Benzo(g,h,i)perylene	100,000	500,000	1,000,000	1,000,000		ug/kg	ND	ND	NA
Benzo(k)fluoranthene	800	56,000	110,000	1,700		ug/kg	30	ND	NA
bis(2-Chloroethyl)ether						ug/kg	ND	ND	NA
bis(2-Ethylhexyl)phthalate						ug/kg	ND	250	NA
Carbazole						ug/kg	ND	ND	NA
Chrysene	1,000	56,000	110,000	1,000		ug/kg	ND	ND	NA
Di-n-butylphthalate						ug/kg	100 B	74 JB	NA
Dibenz(a,h)anthracene	330	560	1,100	1,000,000		ug/kg	ND	ND	NA
Dibenzofuran	7,000	350,000	1,000,000	210,000		ug/kg	17 J	8.6 J	NA
Fluoranthene	100,000	500,000	1,000,000	1,000,000		ug/kg	120	52	NA
Fluorene	30,000	500,000	1,000,000	386,000	30,000	ug/kg	26	8.6	NA
Indeno(1,2,3-cd)pyrene	500	5,600	11,000	8,200		ug/kg	ND	ND	NA
Naphthalene	12,000	500,000	1,000,000	12,000		ug/kg	ND	10	NA
Phenanthrene	100,000	500,000	1,000,000	1,000,000		ug/kg	24	40	NA
Phenol	330	500,000	1,000,000	330	30,000	ug/kg	ND	17 J	NA
Pyrene	100,000	500,000	1,000,000	1,000,000		ug/kg	200	40	NA
Pesticides									
Aldrin	5	680	1,400	190	140	ug/kg	ND	ND	ND
alpha-BHC	20	3,400	6,800	20	40	ug/kg	ND	ND	ND
alpha-Chlordane	94	24,000	47,000	2,900	1,300	ug/kg	ND	ND	ND
beta-BHC	36	3,000	14,000	90	600	ug/kg	ND	ND	ND
Dieldrin	5	1,400	2,800	100	6	ug/kg	ND	ND	ND
Endosulfan sulfate	2,400	200,000	920,000	1,000,000		ug/kg	ND	ND	ND
Endrin aldehyde						ug/kg	ND	ND	ND
Methoxychlor						ug/kg	ND	ND	ND
Polychlorinated Bi-phenyls									
Aroclor 1254	100	1,000	25,000	3,200	1,000	ug/kg	ND	ND	ND
Aroclor 1260	100	1,000	25,000	3,200	1,000	ug/kg	ND	**350 a**	ND
RCRA Metals									
Arsenic	13,000	16,000	16,000	16,000	13,000	ug/kg	8,700	3,900	5,200
Barium	350,000	400,000	10,000,000	820,000	433,000	ug/kg	120,000 B	69,000 B	110,000 B
Cadmium	2,500	9,300	60,000	7,500	4,000	ug/kg	69 J	80 J	45 J
Chromium	30,000	1,500,000	6,800,000		41,000	ug/kg	18,000	11,000	20,000
Lead	63,000	1,000,000	3,900,000	450,000	63,000	ug/kg	8,700	4,800	8,800
Mercury	180	2,800	5,700	730	180	ug/kg	31 J	24 J	28 J

ND = Non-detect.

NA = Not Analyzed.

a = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Unrestricted Use.

b = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Commercial.

c = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Restricted Use Industrial.

d = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Groundwater.

e = Concentration exceeds the December 2006 NYSDEC6 NYCRR Part 375 SCOs - Protection of Ecological Resources.

J = Result is less than the method reporting limit but greater than method detection limit.

B = Analyte was detected in both the sample and the blank sample.

H = Sample was prepped or analyzed beyond the specified holding time.

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Table 4
Soil Detections Exceeding
6 NYCRR Part 375 Soil Cleanup Objectives

			Exceeds				
Analyte	**Sample Location**	**Concentration (µg/kg)**	**Unrestricted Use SCO**	**Restricted Use Commercial SCO**	**Restricted Use Industrial SCO**	**Groundwater Protection SCO**	**Ecological Resources Protection SCO**
Degreaser C/D Area							
Volatile Organic Compounds							
Acetone	DCDPZ04	56	Yes	No	No	Yes	No
Semi-volatile Organic Compounds							
None							
Pesticides							
None							
Polychlorinated Bi-phenyls							
None							
RCRA Metals							
None							
Sub-Station I Area							
Volatile Organic Compounds							
Acetone	MW28	160	Yes	No	No	Yes	No
	SSIPZ04	220 J	Yes	No	No	Yes	No
cis-1,2-Dichloroethene	SSIPZ04	490	Yes	No	No	Yes	No Standard
Vinyl chloride		33 J	Yes	No	No	Yes	No Standard
Semi-volatile Organic Compounds							
None							
Pesticides							
Aldrin	SSIPZ04	25 H	Yes	No	No	No	No
Dieldrin	MW25	22 H	Yes	No	No	No	Yes
Polychlorinated Bi-phenyls							
Aroclor 1260	MW25	4,300	Yes	Yes	No	Yes	Yes
	MW28	350	Yes	No	No	No	No
RCRA Metals							
None							

Notes:
µg/kg = microgram per kilogram.
SCO = 6 NYCRR Part 375 Soil Cleanup Objectives
J = concentration exceeds method detection limit but less than method reporting limit; estimated value.
H = sample was prepped or analyzed beyond the specified holding time.
RCRA = Resource Conservation and Recovery Act.

No other laboratory detected concentrations exceeded their respective NYSDEC-DER 6 NYCRR Unrestricted Use, Restricted Use Commercial and Industrial, Protection of Groundwater, or Protection of Ecological Resources SCOs. Laboratory method detection limits for all soil samples analyzed are less than their respective NYSDEC-DER 6 NYCRR SCO screening limits for Unrestricted Use, Restricted Use Commercial, or Restricted Use Industrial Use soils.

Some reported concentrations are estimated values and are J-qualified, or J-flagged. J-flagged analyte concentrations are greater than their respective laboratory method detection limits, but less than laboratory method reporting limits. Another qualifiers of note includes: "H." An H-qualifier indicates the sample was prepared or analyzed outside of the specified method holding time. Reported H-qualified concentrations are considered estimated and not rejected because the difference between the sample date and preparation date was less than 14 days. Additional qualifiers were assigned to various analyte concentrations by the laboratory; however, none of these qualifiers had a negative impact on the data. Qualifiers for soil samples are summarized in the laboratory analytical reports (Appendix D) and Table 3.

5.2 Groundwater Analytical Results

Volatile Organic Compounds

Groundwater laboratory analytical results were compared to December 2006 NYSDEC-DER 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (NYCRR Part 703 Groundwater Quality Standards). Laboratory analytical results for groundwater samples from both the Degreaser C/D and Sub-Station I investigation areas reported several VOCs, SVOCs (Degreaser C/D area only), pesticides, PCBs, and metal constituents at concentrations greater than laboratory method detection and/or reporting limits; these concentrations are summarized in Table 5. Table 6 lists VOC analytes for which concentrations exceeded their respective screening limits for samples from the Degreaser C/D area, while Table 7 lists those from the Sub-Station I area. Table 8 lists SVOC, pesticide, PCB, metal, and TPH-DRO analytes for which concentrations which exceeded their respective screening limits in samples from both areas.

Table 5
Laboratory Analytical Detections in Groundwater Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

		Investigation Area:			**Degreaser C/D Area**			
		Sample Location:	DCDPZ01	DCDPZ01	DCDPZ02	DCDPZ02	DCDPZ03	
		Sample ID:	CARDCDPZ01G20131027	CARDCDPZ01G20131106	CARDCDPZ02G20131030	CARDCDPZ02G20131106	CARDCDPZ03G20131029	
		Sample Date:	10/27/2013	11/06/2013	10/30/2013	11/06/2013	10/29/2013	
		Sample Type:	Normal	Normal	Normal	Normal	Normal	
		Matrix:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	
Analyte	**Groundwater Quality Standards (a)**	**Units**						
Volatile Organic Compounds (8260)								
1,1,1-Trichloroethane	5	ug/l	1	NA	ND	NA	2.8 J	
1,1-Dichloroethane	5	ug/l	**28** a	NA	**110** a	NA	**300** a	
1,1-Dichloroethene	5	ug/l	ND	NA	**150** a	NA	**17** a	
1,2,4-Trichlorobenzene	5	ug/l	ND	NA	ND	NA	ND	
1,2-Dichlorobenzene	3	ug/l	0.52 J	NA	ND	NA	1.2 J	
1,2-Dichloroethane	0.6	ug/l	ND	NA	ND	NA	**2.9** Ja	
1,3-Dichlorobenzene	3	ug/l	ND	NA	ND	NA	ND	
1,4-Dichlorobenzene	3	ug/l	ND	NA	ND	NA	ND	
2-Butanone (MEK)		ug/l	ND	NA	ND	NA	ND	
Acetone	50	ug/l	15 B*	NA	ND	NA	ND	
Bromodichloromethane		ug/l	ND	NA	ND	NA	ND	
Carbon disulfide	60	ug/l	1.6	NA	ND	NA	ND	
Chlorobenzene	5	ug/l	ND	NA	ND	NA	ND	
Chloroethane	5	ug/l	ND	NA	ND	NA	**5.2** Ja	
Chloroform	7	ug/l	ND	NA	ND	NA	ND	
cis-1,2-Dichloroethene	5	ug/l	**6.5** a	NA	**170** a	NA	**130** a	
Dibromochloromethane		ug/l	ND	NA	ND	NA	ND	
Ethylbenzene	5	ug/l	ND	NA	ND	NA	ND	
Tetrachloroethene	5	ug/l	ND	NA	ND	NA	2.5 JB	
Toluene	5	ug/l	ND	NA	ND	NA	ND	
trans-1,2-Dichloroethene	5	ug/l	0.31 J	NA	ND	NA	2.7 J	
Trichloroethene	5	ug/l	**8.5** a	NA	**330** a	NA	**37** a	
Trichlorofluoromethane	5	ug/l	ND	NA	ND	NA	ND	
Vinyl chloride	2	ug/l	**2.7** a	NA	**43** a	NA	**53** a	
Xylene (Total)	5	ug/l	ND	NA	ND	NA	ND	
Semi-Volatile Organic Compounds (8270)								
2-Methylnaphthalene		ug/l	NA	ND	ND	NA	0.34 H	
2-Methylphenol (o-Cresol)		ug/l	NA	ND	ND	NA	ND	
4-Chloro-3-methylphenol		ug/l	NA	ND	ND	NA	35 H	
Acenaphthene	20	ug/l	NA	**390** a	ND	NA	ND	
Acenaphthylene		ug/l	NA	28	ND	NA	ND	
Acetophenone		ug/l	NA	ND	ND	NA	ND	
Anthracene		ug/l	NA	420	ND	NA	ND	
Benzo(a)anthracene		ug/l	NA	400	ND	NA	ND	
Benzo(a)pyrene		ug/l	NA	ND	ND	NA	ND	
Benzo(b)fluoranthene		ug/l	NA	400	ND	NA	ND	
Benzo(g,h,i)perylene		ug/l	NA	59	ND	NA	ND	
Benzo(k)fluoranthene		ug/l	NA	190	ND	NA	ND	
bis(2-Ethylhexyl)phthalate	5	ug/l	NA	ND	ND	NA	ND	
Carbazole		ug/l	NA	ND	ND	NA	0.24 JH	
Chrysene		ug/l	NA	370	ND	NA	ND	
Di-n-butylphthalate	50	ug/l	NA	ND	2.5 B	NA	4.2 H	
Dibenzofuran		ug/l	NA	360	ND	NA	0.23 JH	
Diethylphthalate		ug/l	NA	ND	ND	NA	ND	
Fluoranthene		ug/l	NA	1500	ND	NA	ND	
Fluorene		ug/l	NA	570	ND	NA	0.31 H	
Indeno(1,2,3-cd)pyrene		ug/l	NA	68	ND	NA	ND	
Naphthalene	10	ug/l	NA	ND	0.24	NA	4.9 H	
Phenanthrene		ug/l	NA	2300	ND	NA	ND	
Phenol	1	ug/l	NA	ND	ND	NA	ND	
Pyrene		ug/l	NA	1200	ND	NA	ND	
Pesticides (8081)								
4,4'-DDE	0.2	ug/l	ND	NA	ND	NA	ND	
4,4'-DDT	0.2	ug/l	ND	NA	ND	NA	ND	
alpha-BHC	0.01	ug/l	ND	NA	ND	NA	ND	
beta-BHC	0.04	ug/l	ND	NA	**0.14** Ja	NA	ND	
delta-BHC	0.04	ug/l	0.037 J	NA	ND	NA	ND	
Dieldrin		ug/l	ND	NA	ND	NA	ND	
Endrin	0.2	ug/l	ND	NA	ND	NA	ND	
gamma-BHC (Lindane)	0.05	ug/l	0.016 J	NA	ND	NA	ND	
Heptachlor	0.04	ug/l	ND	NA	ND	NA	ND	
Heptachlor epoxide	0.03	ug/l	ND	NA	ND	NA	ND	
Polychlorinated Bi-Phenyls (8082)								
Aroclor 1242	0.09	ug/l	NA	ND	NA	ND	NA	
Aroclor 1254	0.09	ug/l	NA	ND	NA	ND	NA	
Aroclor 1260	0.09	ug/l	NA	**1**	NA	ND	NA	
Metals (6010/7471)								
Arsenic	25	ug/l	6.8 J	NA	7.5 J	NA	5.1 J	
Barium	1000	ug/l	180 J	NA	180 J	NA	820	
Cadmium	5	ug/l	0.7 J	NA	ND	NA	ND	
Chromium	50	ug/l	20	NA	32	NA	2.9 J	
Lead	25	ug/l	6.9 J	NA	9.1 J	NA	ND	
Mercury	0.7	ug/l	ND	NA	ND	NA	ND	
Total Petroleum Hydrocarbons (6010/7471)								
TPH - C10-C28		ug/l	9100	NA	NA	NA	NA	

ND = Non-detect.
ND = Not Analyzed.
a = Concentration exceeds the December 2006 NYSDEC 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
J = Result is less than the method reporting limit but greater than method detection limit.
B = Analyte was detected in both the sample and the blank sample.
H = Sample was prepped or analyzed beyond the specified holding time.
* = Laboratory Control Sample (LCS) or LCS Duplicate exceeded control limits.

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Table 5
Laboratory Analytical Detections in Groundwater Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

		Investigation Area:	Degreaser C/D Area (Continued)				
		Sample Location:	DCDPZ03	DCDPZ04	DCDPZ04	MW30	MW31
		Sample ID:	CARDCDPZ03G20131105	CARDCDPZ04G20131027	CARDCDPZ04G20131105	CARMW30G20131107	CARMW31G20131027
		Sample Date:	11/05/2013	10/27/2013	11/05/2013	11/07/2013	10/27/2013
		Sample Type:	Normal	Normal	Normal	Normal	Normal
		Matrix:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Analyte	**Groundwater Quality Standards (a)**	**Units**					
Volatile Organic Compounds (8260)							
1,1,1-Trichloroethane	5	ug/l	NA	ND	NA	ND	ND
1,1-Dichloroethane	5	ug/l	NA	3.2	NA	**15** a	**14** a
1,1-Dichloroethene	5	ug/l	NA	ND	NA	0.41 J	4.9 J
1,2,4-Trichlorobenzene	5	ug/l	NA	ND	NA	ND	ND
1,2-Dichlorobenzene	3	ug/l	NA	ND	NA	ND	ND
1,2-Dichloroethane	0.6	ug/l	NA	ND	NA	ND	ND
1,3-Dichlorobenzene	3	ug/l	NA	ND	NA	ND	ND
1,4-Dichlorobenzene	3	ug/l	NA	ND	NA	ND	ND
2-Butanone (MEK)		ug/l	NA	ND	NA	ND	ND
Acetone	50	ug/l	NA	23 B	NA	4 J	ND
Bromodichloromethane		ug/l	NA	ND	NA	ND	ND
Carbon disulfide	60	ug/l	NA	0.3 J	NA	2.3	ND
Chlorobenzene	5	ug/l	NA	ND	NA	ND	ND
Chloroethane	5	ug/l	NA	2	NA	1.1	ND
Chloroform	7	ug/l	NA	ND	NA	ND	ND
cis-1,2-Dichloroethene	5	ug/l	NA	**17** a	NA	**16** a	**110** a
Dibromochloromethane		ug/l	NA	ND	NA	ND	ND
Ethylbenzene	5	ug/l	NA	1.2 J	NA	0.38 J	ND
Tetrachloroethene	5	ug/l	NA	ND	NA	0.38 J	ND
Toluene	5	ug/l	NA	0.36 J	NA	0.4 JB	ND
trans-1,2-Dichloroethene	5	ug/l	NA	1.1 J	NA	0.76 J	3 J
Trichloroethene	5	ug/l	NA	**10** a	NA	**12** a	**310** a
Trichlorofluoromethane	5	ug/l	NA	ND	NA	ND	ND
Vinyl chloride	2	ug/l	NA	**2.2** a	NA	**13** a	**7.5** a
Xylene (Total)	5	ug/l	NA	1.1 J	NA	0.37 J	ND
Semi-Volatile Organic Compounds (8270)							
2-Methylnaphthalene		ug/l	NA	NA	740	ND	NA
2-Methylphenol (o-Cresol)		ug/l	NA	NA	ND	ND	NA
4-Chloro-3-methylphenol		ug/l	NA	NA	ND	10	NA
Acenaphthene	20	ug/l	NA	NA	ND	ND	NA
Acenaphthylene		ug/l	NA	NA	ND	ND	NA
Acetophenone		ug/l	NA	NA	ND	ND	NA
Anthracene		ug/l	NA	NA	31	ND	NA
Benzo(a)anthracene		ug/l	NA	NA	ND	ND	NA
Benzo(a)pyrene		ug/l	NA	NA	19	ND	NA
Benzo(b)fluoranthene		ug/l	NA	NA	30	ND	NA
Benzo(g,h,i)perylene		ug/l	NA	NA	ND	ND	NA
Benzo(k)fluoranthene		ug/l	NA	NA	ND	ND	NA
bis(2-Ethylhexyl)phthalate	5	ug/l	NA	NA	ND	ND	NA
Carbazole		ug/l	NA	NA	ND	2	NA
Chrysene		ug/l	NA	NA	ND	ND	NA
Di-n-butylphthalate	50	ug/l	NA	NA	ND	3.8 B	NA
Dibenzofuran		ug/l	NA	NA	28 J	0.47 J	NA
Diethylphthalate		ug/l	NA	NA	ND	ND	NA
Fluoranthene		ug/l	NA	NA	120	ND	NA
Fluorene		ug/l	NA	NA	45	0.73	NA
Indeno(1,2,3-cd)pyrene		ug/l	NA	NA	ND	ND	NA
Naphthalene	10	ug/l	NA	NA	**1600** a	4.2	NA
Phenanthrene		ug/l	NA	NA	160	ND	NA
Phenol	1	ug/l	NA	NA	ND	ND	NA
Pyrene		ug/l	NA	NA	95	ND	NA
Pesticides (8081)							
4,4'-DDE	0.2	ug/l	NA	ND	NA	ND	ND
4,4'-DDT	0.2	ug/l	NA	ND	NA	ND	ND
alpha-BHC	0.01	ug/l	NA	ND	NA	ND	ND
beta-BHC	0.04	ug/l	NA	ND	NA	ND	ND
delta-BHC	0.04	ug/l	NA	ND	NA	ND	ND
Dieldrin		ug/l	NA	ND	NA	ND	ND
Endrin	0.2	ug/l	NA	ND	NA	ND	ND
gamma-BHC (Lindane)	0.05	ug/l	NA	ND	NA	ND	ND
Heptachlor	0.04	ug/l	NA	ND	NA	ND	ND
Heptachlor epoxide	0.03	ug/l	NA	ND	NA	0.0083 J	ND
Polychlorinated Bi-Phenyls (8082)							
Aroclor 1242	0.09	ug/l	ND	NA	ND	ND	NA
Aroclor 1254	0.09	ug/l	ND	NA	**450** J	ND	NA
Aroclor 1260	0.09	ug/l	ND	NA	ND	ND	NA
Metals (6010/7471)							
Arsenic	25	ug/l	NA	**34** a	NA	20	5.6 J
Barium	1000	ug/l	NA	**1100** a	NA	540 B	160 J
Cadmium	5	ug/l	NA	ND	NA	ND	ND
Chromium	50	ug/l	NA	19	NA	ND	5 J
Lead	25	ug/l	NA	7.7 J	NA	ND	ND
Mercury	0.7	ug/l	NA	ND	NA	ND	ND
Total Petroleum Hydrocarbons (6010/7471)							
TPH - C10-C28		ug/l	NA	25000000	NA	NA	2800

ND = Non-detect.
ND = Not Analyzed.
a = Concentration exceeds the December 2006 NYSDEC 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
J = Result is less than the method reporting limit but greater than method detection limit.
B = Analyte was detected in both the sample and the blank sample.
H = Sample was prepped or analyzed beyond the specified holding time.
* = Laboratory Control Sample (LCS) or LCS Duplicate exceeded control limits.

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Table 5
Laboratory Analytical Detections in Groundwater Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

		Investigation Area:	Degreaser C/D Area (Continued)				
		Sample Location:	MW31	MW31	MW31	MW32	MW33
		Sample ID:	CARMW31G20131105	CARMW31H20131027	CARMW31H20131105	CARMW32G20131025	CARMW33G20131026
		Sample Date:	11/05/2013	10/27/2013	11/05/2013	10/25/2013	10/26/2013
		Sample Type:	Normal	Field Duplicate	Field Duplicate	Normal	Normal
		Matrix:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Analyte	**Groundwater Quality Standards (a)**	**Units**					
Volatile Organic Compounds (8260)							
1,1,1-Trichloroethane	5	ug/l	NA	ND	NA	**33** a	ND
1,1-Dichloroethane	5	ug/l	NA	**14** a	NA	**220** a	**60** a
1,1-Dichloroethene	5	ug/l	NA	**5.4** a	NA	**18** a	**8.4** a
1,2,4-Trichlorobenzene	5	ug/l	NA	ND	NA	ND	ND
1,2-Dichlorobenzene	3	ug/l	NA	ND	NA	ND	ND
1,2-Dichloroethane	0.6	ug/l	NA	ND	NA	**1.1** Ja	ND
1,3-Dichlorobenzene	3	ug/l	NA	ND	NA	ND	ND
1,4-Dichlorobenzene	3	ug/l	NA	ND	NA	ND	ND
2-Butanone (MEK)		ug/l	NA	ND	NA	ND	ND
Acetone	50	ug/l	NA	11 JB*	NA	8.2 JB*	27 JB
Bromodichloromethane		ug/l	NA	ND	NA	ND	ND
Carbon disulfide	60	ug/l	NA	ND	NA	**62** a	ND
Chlorobenzene	5	ug/l	NA	ND	NA	ND	ND
Chloroethane	5	ug/l	NA	ND	NA	3.4	ND
Chloroform	7	ug/l	NA	ND	NA	1.4 J	3 J
cis-1,2-Dichloroethene	5	ug/l	NA	**120** a	NA	**150** a	**190** a
Dibromochloromethane		ug/l	NA	ND	NA	ND	ND
Ethylbenzene	5	ug/l	NA	ND	NA	ND	ND
Tetrachloroethene	5	ug/l	NA	ND	NA	1.1 J	ND
Toluene	5	ug/l	NA	ND	NA	2.2 J	1.4 J
trans-1,2-Dichloroethene	5	ug/l	NA	3.5 J	NA	1.7 J	2.3 J
Trichloroethene	5	ug/l	NA	**340** a	NA	**40** a	**48** a
Trichlorofluoromethane	5	ug/l	NA	ND	NA	ND	ND
Vinyl chloride	2	ug/l	NA	**8.6** a	NA	**42** a	**33** a
Xylene (Total)	5	ug/l	NA	ND	NA	ND	ND
Semi-Volatile Organic Compounds (8270)							
2-Methylnaphthalene		ug/l	4.8	NA	6.7	0.4	9.1
2-Methylphenol (o-Cresol)		ug/l	ND	NA	ND	ND	ND
4-Chloro-3-methylphenol		ug/l	ND	NA	ND	13	2.6 J
Acenaphthene	20	ug/l	ND	NA	ND	ND	ND
Acenaphthylene		ug/l	ND	NA	ND	ND	ND
Acetophenone		ug/l	ND	NA	ND	ND	ND
Anthracene		ug/l	0.37	NA	0.64	ND	ND
Benzo(a)anthracene		ug/l	ND	NA	0.75	ND	ND
Benzo(a)pyrene		ug/l	ND	NA	ND	ND	ND
Benzo(b)fluoranthene		ug/l	ND	NA	0.66	ND	ND
Benzo(g,h,i)perylene		ug/l	ND	NA	ND	ND	ND
Benzo(k)fluoranthene		ug/l	ND	NA	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ug/l	ND	NA	1.9 J	ND	ND
Carbazole		ug/l	ND	NA	ND	ND	1.3 J
Chrysene		ug/l	ND	NA	0.67	ND	ND
Di-n-butylphthalate	50	ug/l	0.61 JB	NA	0.6 JB	ND	ND
Dibenzofuran		ug/l	0.45 J	NA	0.65 J	ND	ND
Diethylphthalate		ug/l	ND	NA	ND	ND	ND
Fluoranthene		ug/l	0.96	NA	2	ND	ND
Fluorene		ug/l	0.67	NA	1.1	ND	ND
Indeno(1,2,3-cd)pyrene		ug/l	ND	NA	ND	ND	ND
Naphthalene	10	ug/l	**19** a	NA	**22** a	2.3	**52** a
Phenanthrene		ug/l	2	NA	3.6	ND	ND
Phenol	1	ug/l	ND	NA	ND	ND	ND
Pyrene		ug/l	0.74	NA	1.7	ND	ND
Pesticides (8081)							
4,4'-DDE	0.2	ug/l	NA	ND	NA	ND	ND
4,4'-DDT	0.2	ug/l	NA	ND	NA	ND	ND
alpha-BHC	0.01	ug/l	NA	ND	NA	**0.011** Ja	ND
beta-BHC	0.04	ug/l	NA	ND	NA	ND	ND
delta-BHC	0.04	ug/l	NA	ND	NA	ND	ND
Dieldrin		ug/l	NA	ND	NA	ND	ND
Endrin	0.2	ug/l	NA	ND	NA	ND	ND
gamma-BHC (Lindane)	0.05	ug/l	NA	ND	NA	ND	ND
Heptachlor	0.04	ug/l	NA	ND	NA	ND	ND
Heptachlor epoxide	0.03	ug/l	NA	ND	NA	ND	ND
Polychlorinated Bi-Phenyls (8082)							
Aroclor 1242	0.09	ug/l	ND	NA	ND	ND	ND
Aroclor 1254	0.09	ug/l	ND	NA	ND	ND	ND
Aroclor 1260	0.09	ug/l	ND	NA	ND	ND	ND
Metals (6010/7471)							
Arsenic	25	ug/l	NA	3.6 J	NA	ND	9 J
Barium	1000	ug/l	NA	170 J	NA	620 B	180 J
Cadmium	5	ug/l	NA	ND	NA	ND	ND
Chromium	50	ug/l	NA	5.8 J	NA	ND	9.4 J
Lead	25	ug/l	NA	2.2 J	NA	ND	2.7 J
Mercury	0.7	ug/l	NA	ND	NA	ND	ND
Total Petroleum Hydrocarbons (6010/7471)							
TPH - C10-C28		ug/l	NA	NA	NA	NA	NA

ND = Non-detect.
ND = Not Analyzed.
a = Concentration exceeds the December 2006 NYSDEC 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
J = Result is less than the method reporting limit but greater than method detection limit.
B = Analyte was detected in both the sample and the blank sample.
H = Sample was prepped or analyzed beyond the specified holding time.
* = Laboratory Control Sample (LCS) or LCS Duplicate exceeded control limits.

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Table 5
Laboratory Analytical Detections in Groundwater Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

		Investigation Area:	Degreaser C/D Area (Continued)			Sub-Station I Area	
		Sample Location:	MW34	MW35D	MW35D	SSIPZ01	SSIPZ02
		Sample ID:	CARMW34G20131024	CARMW35DG20131028	CARMW35DG20131105	CARSSIPZ01G20131026	CARSSIPZ02G20131024
		Sample Date:	10/24/2013	10/28/2013	11/05/2013	10/26/2013	10/24/2013
		Sample Type:	Normal	Normal	Normal	Normal	Normal
		Matrix:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Analyte	**Groundwater Quality Standards (a)**	**Units**					
Volatile Organic Compounds (8260)							
1,1,1-Trichloroethane	5	ug/l	ND	ND	NA	ND	ND
1,1-Dichloroethane	5	ug/l	**17** a	ND	NA	ND	4.8
1,1-Dichloroethene	5	ug/l	ND	ND	NA	ND	0.48 J
1,2,4-Trichlorobenzene	5	ug/l	ND	ND	NA	ND	ND
1,2-Dichlorobenzene	3	ug/l	0.35 J	ND	NA	ND	ND
1,2-Dichloroethane	0.6	ug/l	ND	ND	NA	ND	ND
1,3-Dichlorobenzene	3	ug/l	ND	ND	NA	ND	ND
1,4-Dichlorobenzene	3	ug/l	ND	ND	NA	ND	ND
2-Butanone (MEK)		ug/l	ND	ND	NA	ND	ND
Acetone	50	ug/l	3.3 JB*	2.5 JB*	NA	ND	1.3 JB*
Bromodichloromethane		ug/l	ND	0.34 J*	NA	ND	ND
Carbon disulfide	60	ug/l	2.6	0.85 J	NA	ND	0.38 J
Chlorobenzene	5	ug/l	ND	ND	NA	ND	ND
Chloroethane	5	ug/l	1.9	ND	NA	ND	ND
Chloroform	7	ug/l	ND	2.6	NA	ND	ND
cis-1,2-Dichloroethene	5	ug/l	2.9	ND	NA	**82** a	2.1
Dibromochloromethane		ug/l	ND	ND	NA	ND	ND
Ethylbenzene	5	ug/l	ND	ND	NA	ND	ND
Tetrachloroethene	5	ug/l	0.43 J	ND	NA	ND	ND
Toluene	5	ug/l	ND	ND	NA	ND	ND
trans-1,2-Dichloroethene	5	ug/l	0.71 J	ND	NA	**15** Ja	ND
Trichloroethene	5	ug/l	1.7	ND	NA	**1300** a	4.9
Trichlorofluoromethane	5	ug/l	ND	ND	NA	ND	ND
Vinyl chloride	2	ug/l	**3.8** a	ND	NA	ND	**3.3** a
Xylene (Total)	5	ug/l	ND	ND	NA	ND	ND
Semi-Volatile Organic Compounds (8270)							
2-Methylnaphthalene		ug/l	ND	NA	ND	ND	ND
2-Methylphenol (o-Cresol)		ug/l	ND	NA	ND	ND	ND
4-Chloro-3-methylphenol		ug/l	13	NA	ND	ND	ND
Acenaphthene	20	ug/l	ND	NA	ND	ND	ND
Acenaphthylene		ug/l	ND	NA	ND	ND	ND
Acetophenone		ug/l	ND	NA	ND	ND	ND
Anthracene		ug/l	ND	NA	ND	ND	ND
Benzo(a)anthracene		ug/l	ND	NA	ND	ND	ND
Benzo(a)pyrene		ug/l	ND	NA	ND	ND	ND
Benzo(b)fluoranthene		ug/l	ND	NA	ND	ND	ND
Benzo(g,h,i)perylene		ug/l	ND	NA	ND	ND	ND
Benzo(k)fluoranthene		ug/l	ND	NA	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ug/l	ND	NA	ND	ND	0.26 JB
Carbazole		ug/l	1.6 J	NA	ND	ND	ND
Chrysene		ug/l	ND	NA	ND	ND	ND
Di-n-butylphthalate	50	ug/l	ND	NA	0.67 JB	ND	ND
Dibenzofuran		ug/l	ND	NA	ND	ND	ND
Diethylphthalate		ug/l	ND	NA	ND	ND	ND
Fluoranthene		ug/l	ND	NA	ND	ND	0.19
Fluorene		ug/l	0.71 J	NA	ND	ND	0.1 J
Indeno(1,2,3-cd)pyrene		ug/l	ND	NA	ND	ND	ND
Naphthalene	10	ug/l	ND	NA	ND	ND	0.16 J
Phenanthrene		ug/l	0.4 J	NA	ND	ND	0.14 J
Phenol	1	ug/l	ND	NA	ND	ND	ND
Pyrene		ug/l	ND	NA	ND	ND	0.13 J
Pesticides (8081)							
4,4'-DDE	0.2	ug/l	ND	ND	NA	ND	ND
4,4'-DDT	0.2	ug/l	ND	ND	NA	ND	ND
alpha-BHC	0.01	ug/l	ND	ND	NA	ND	ND
beta-BHC	0.04	ug/l	ND	ND	NA	ND	ND
delta-BHC	0.04	ug/l	0.022 J	ND	NA	ND	ND
Dieldrin		ug/l	ND	ND	NA	ND	ND
Endrin	0.2	ug/l	ND	ND	NA	ND	ND
gamma-BHC (Lindane)	0.05	ug/l	ND	ND	NA	ND	ND
Heptachlor	0.04	ug/l	ND	ND	NA	ND	ND
Heptachlor epoxide	0.03	ug/l	ND	ND	NA	ND	ND
Polychlorinated Bi-Phenyls (8082)							
Aroclor 1242	0.09	ug/l	ND	NA	ND	ND	ND
Aroclor 1254	0.09	ug/l	ND	NA	ND	ND	ND
Aroclor 1260	0.09	ug/l	ND	NA	ND	ND	ND
Metals (6010/7471)							
Arsenic	25	ug/l	10 J	6.4 J	NA	9.9 J	ND
Barium	1000	ug/l	520 B	100 J	NA	300 B	180 JB
Cadmium	5	ug/l	ND	ND	NA	ND	ND
Chromium	50	ug/l	8.9 J	ND	NA	23	ND
Lead	25	ug/l	2.2 J	ND	NA	11	ND
Mercury	0.7	ug/l	ND	ND	NA	ND	ND
Total Petroleum Hydrocarbons (6010/7471)							
TPH - C10-C28		ug/l	NA	NA	NA	NA	680

ND = Non-detect.
ND = Not Analyzed.
a = Concentration exceeds the December 2006 NYSDEC 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
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B = Analyte was detected in both the sample and the blank sample.
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Table 5
Laboratory Analytical Detections in Groundwater Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

		Investigation Area:			**Sub-Station I Area (Continued)**			
		Sample Location:	SSIPZ03	SSIPZ03	SSIPZ04	SSIPZ05	MW25	
		Sample ID:	CARSSIPZ03G20131028	CARSSIPZ03G20131107	CARSSIPZ04G20131024	CARSSIPZ05G20131106	CARMW25G20131106	
		Sample Date:	10/28/2013	11/07/2013	10/24/2013	11/06/2013	11/06/2013	
		Sample Type:	Normal	Normal	Normal	Normal	Normal	
		Matrix:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	
Analyte	**Groundwater Quality Standards (a)**	**Units**						
Volatile Organic Compounds (8260)								
1,1,1-Trichloroethane	5	ug/l	ND	NA	**70** a	**0.64** J	ND	
1,1-Dichloroethane	5	ug/l	ND	NA	**230** a	1.1	**9.5** a	
1,1-Dichloroethene	5	ug/l	ND	NA	**20** a	ND	1.4	
1,2,4-Trichlorobenzene	5	ug/l	ND	NA	ND	ND	2.9	
1,2-Dichlorobenzene	3	ug/l	ND	NA	ND	ND	2	
1,2-Dichloroethane	0.6	ug/l	ND	NA	ND	ND	ND	
1,3-Dichlorobenzene	3	ug/l	ND	NA	ND	ND	**8.6** a	
1,4-Dichlorobenzene	3	ug/l	ND	NA	ND	0.37 J	**57** a	
2-Butanone (MEK)		ug/l	ND	NA	ND	ND	ND	
Acetone	50	ug/l	1.7 JB*	NA	ND	6 J	3.2 J	
Bromodichloromethane		ug/l	ND	NA	ND	ND	ND	
Carbon disulfide	60	ug/l	0.23 J	NA	39	0.22 J	0.5 J	
Chlorobenzene	5	ug/l	ND	NA	ND	ND	3	
Chloroethane	5	ug/l	ND	NA	ND	ND	ND	
Chloroform	7	ug/l	ND	NA	ND	ND	ND	
cis-1,2-Dichloroethene	5	ug/l	2.3	NA	**340** a	**7.7** a	**17** a	
Dibromochloromethane		ug/l	ND	NA	ND	ND	ND	
Ethylbenzene	5	ug/l	ND	NA	ND	ND	ND	
Tetrachloroethene	5	ug/l	ND	NA	ND	ND	4.9	
Toluene	5	ug/l	ND	NA	**5.5** Ja	0.59 J	0.72 J	
trans-1,2-Dichloroethene	5	ug/l	ND	NA	4.9 J	ND	0.23 J	
Trichloroethene	5	ug/l	**25** a	NA	**11** a	**16** a	**11** a	
Trichlorofluoromethane	5	ug/l	ND	NA	ND	ND	ND	
Vinyl chloride	2	ug/l	ND	NA	**34** a	ND	**2.2** a	
Xylene (Total)	5	ug/l	ND	NA	ND	ND	0.87 J	
Semi-Volatile Organic Compounds (8270)								
2-Methylnaphthalene		ug/l	NA	ND	ND	0.19 J	0.24	
2-Methylphenol (o-Cresol)		ug/l	NA	ND	ND	ND	ND	
4-Chloro-3-methylphenol		ug/l	NA	ND	9 J	ND	ND	
Acenaphthene	20	ug/l	NA	ND	ND	0.43	ND	
Acenaphthylene		ug/l	NA	ND	ND	ND	ND	
Acetophenone		ug/l	NA	ND	ND	ND	ND	
Anthracene		ug/l	NA	ND	ND	ND	ND	
Benzo(a)anthracene		ug/l	NA	ND	ND	ND	ND	
Benzo(a)pyrene		ug/l	NA	ND	ND	ND	ND	
Benzo(b)fluoranthene		ug/l	NA	ND	ND	ND	ND	
Benzo(g,h,i)perylene		ug/l	NA	ND	ND	ND	ND	
Benzo(k)fluoranthene		ug/l	NA	ND	ND	ND	ND	
bis(2-Ethylhexyl)phthalate	5	ug/l	NA	1.7 J	ND	ND	ND	
Carbazole		ug/l	NA	ND	ND	0.39 J	ND	
Chrysene		ug/l	NA	ND	ND	ND	ND	
Di-n-butylphthalate	50	ug/l	NA	4.3 B	ND	0.61 JB	0.7 JB	
Dibenzofuran		ug/l	NA	ND	ND	ND	ND	
Diethylphthalate		ug/l	NA	ND	ND	ND	ND	
Fluoranthene		ug/l	NA	ND	ND	ND	ND	
Fluorene		ug/l	NA	ND	ND	0.22 J	ND	
Indeno(1,2,3-cd)pyrene		ug/l	NA	ND	ND	ND	ND	
Naphthalene	10	ug/l	NA	ND	1 J	1.6	0.87	
Phenanthrene		ug/l	NA	ND	ND	ND	ND	
Phenol	1	ug/l	NA	ND	ND	ND	ND	
Pyrene		ug/l	NA	ND	ND	ND	ND	
Pesticides (8081)								
4,4'-DDE	0.2	ug/l	ND	NA	ND	ND	ND	
4,4'-DDT	0.2	ug/l	ND	NA	ND	ND	ND	
alpha-BHC	0.01	ug/l	ND	NA	ND	ND	ND	
beta-BHC	0.04	ug/l	ND	NA	ND	ND	ND	
delta-BHC	0.04	ug/l	ND	NA	ND	ND	ND	
Dieldrin		ug/l	ND	NA	ND	ND	ND	
Endrin	0.2	ug/l	ND	NA	ND	ND	ND	
gamma-BHC (Lindane)	0.05	ug/l	ND	NA	ND	ND	ND	
Heptachlor	0.04	ug/l	ND	NA	ND	ND	ND	
Heptachlor epoxide	0.03	ug/l	ND	NA	ND	ND	ND	
Polychlorinated Bi-Phenyls (8082)								
Aroclor 1242	0.09	ug/l	NA	ND	ND	ND	**1.8** J	
Aroclor 1254	0.09	ug/l	NA	ND	ND	ND	0.87 J	
Aroclor 1260	0.09	ug/l	NA	ND	**0.22** J	ND	ND	
Metals (6010/7471)								
Arsenic	25	ug/l	**55** a	NA	3.2 J	ND	12 J	
Barium	1000	ug/l	**1300** a	NA	510 B	63 JB	270 B	
Cadmium	5	ug/l	1.1 J	NA	ND	ND	ND	
Chromium	50	ug/l	**140** a	NA	ND	ND	ND	
Lead	25	ug/l	**82** a	NA	ND	4.2 J	ND	
Mercury	0.7	ug/l	0.33	NA	ND	ND	ND	
Total Petroleum Hydrocarbons (6010/7471)								
TPH - C10-C28		ug/l	NA	NA	NA	NA	2900 HB	

ND = Non-detect.
ND = Not Analyzed.
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* = Laboratory Control Sample (LCS) or LCS Duplicate exceeded control limits.

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Table 5
Laboratory Analytical Detections in Groundwater Samples
Former Building TR-1 Degreaser C/D and Sub-Station I Investigations
Carrier Corporation Thompson Road Facility
Syracuse, New York

		Investigation Area:	Sub-Station I Area (Continued)			
		Sample Location:	MW26	MW27	MW28	MW29
		Sample ID:	CARMW26G20131024	CARMW27G20131024	CARMW28G20131023	CARMW29G20131107
		Sample Date:	10/24/2013	10/24/2013	10/23/2013	11/07/2013
		Sample Type:	Normal	Normal	Normal	Normal
		Matrix:	Groundwater	Groundwater	Groundwater	Groundwater
Analyte	**Groundwater Quality Standards (a)**	**Units**				
Volatile Organic Compounds (8260)						
1,1,1-Trichloroethane	5	ug/l	ND	3.3	**5.3** a	**6** a
1,1-Dichloroethane	5	ug/l	4.2	**23** a	**9.8** a	**18** a
1,1-Dichloroethene	5	ug/l	1.3	3.1	0.19 J	2.9 J
1,2,4-Trichlorobenzene	5	ug/l	1.1	ND	ND	ND
1,2-Dichlorobenzene	3	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ug/l	2.3	ND	2.6	ND
2-Butanone (MEK)		ug/l	ND	ND	ND	ND
Acetone	50	ug/l	3.5 JB	ND	1.1 JB*	ND
Bromodichloromethane		ug/l	ND	ND	ND	ND
Carbon disulfide	60	ug/l	0.23 J	1.8	0.31 J	1.2 J
Chlorobenzene	5	ug/l	ND	ND	ND	ND
Chloroethane	5	ug/l	ND	ND	ND	ND
Chloroform	7	ug/l	1.9	2.3	0.37 J	ND
cis-1,2-Dichloroethene	5	ug/l	**8.1** a	**14** a	**20** a	**29** a
Dibromochloromethane		ug/l	ND	ND	ND	ND
Ethylbenzene	5	ug/l	ND	ND	ND	ND
Tetrachloroethene	5	ug/l	ND	ND	0.76 J	ND
Toluene	5	ug/l	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ug/l	0.27 J	0.45 J	ND	1.8 J
Trichloroethene	5	ug/l	**22** a	**59** a	**41** a	**360** a
Trichlorofluoromethane	5	ug/l	ND	ND	ND	ND
Vinyl chloride	2	ug/l	**3.7** a	**2.8** a	0.44 J	**2.6** Ja
Xylene (Total)	5	ug/l	ND	ND	ND	ND
Semi-Volatile Organic Compounds (8270)						
2-Methylnaphthalene		ug/l	ND	ND	ND	ND
2-Methylphenol (o-Cresol)		ug/l	ND	ND	ND	ND
4-Chloro-3-methylphenol		ug/l	ND	ND	ND	ND
Acenaphthene	20	ug/l	ND	ND	ND	ND
Acenaphthylene		ug/l	ND	ND	ND	ND
Acetophenone		ug/l	ND	ND	ND	0.56 J
Anthracene		ug/l	ND	0.57	ND	ND
Benzo(a)anthracene		ug/l	ND	ND	ND	ND
Benzo(a)pyrene		ug/l	ND	ND	ND	ND
Benzo(b)fluoranthene		ug/l	ND	ND	ND	ND
Benzo(g,h,i)perylene		ug/l	ND	ND	ND	ND
Benzo(k)fluoranthene		ug/l	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ug/l	ND	ND	ND	1.7 J
Carbazole		ug/l	0.46 J	ND	ND	ND
Chrysene		ug/l	ND	ND	ND	ND
Di-n-butylphthalate	50	ug/l	0.82 J	0.98 J	ND	5.4 B
Dibenzofuran		ug/l	ND	ND	ND	ND
Diethylphthalate		ug/l	ND	ND	ND	ND
Fluoranthene		ug/l	ND	ND	ND	ND
Fluorene		ug/l	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene		ug/l	ND	ND	ND	ND
Naphthalene	10	ug/l	ND	ND	ND	ND
Phenanthrene		ug/l	ND	ND	ND	ND
Phenol	1	ug/l	ND	ND	ND	ND
Pyrene		ug/l	ND	ND	ND	ND
Pesticides (8081)						
4,4'-DDE	0.2	ug/l	**0.37** a	ND	ND	ND
4,4'-DDT	0.2	ug/l	ND	ND	ND	ND
alpha-BHC	0.01	ug/l	ND	ND	ND	ND
beta-BHC	0.04	ug/l	ND	ND	ND	ND
delta-BHC	0.04	ug/l	ND	0.026 J	0.031 J	ND
Dieldrin		ug/l	ND	ND	ND	ND
Endrin	0.2	ug/l	0.036 Ja	ND	ND	ND
gamma-BHC (Lindane)	0.05	ug/l	ND	0.013 J	0.047 J	ND
Heptachlor	0.04	ug/l	0.019 J	ND	ND	ND
Heptachlor epoxide	0.03	ug/l	ND	ND	ND	ND
Polychlorinated Bi-Phenyls (8082)						
Aroclor 1242	0.09	ug/l	ND	ND	ND	ND
Aroclor 1254	0.09	ug/l	ND	ND	ND	ND
Aroclor 1260	0.09	ug/l	ND	ND	ND	ND
Metals (6010/7471)						
Arsenic	25	ug/l	ND	ND	ND	5.9 J
Barium	1000	ug/l	140 JB	130 JB	140 JB	160 JB
Cadmium	5	ug/l	ND	ND	ND	ND
Chromium	50	ug/l	3.2 J	ND	ND	ND
Lead	25	ug/l	ND	ND	ND	ND
Mercury	0.7	ug/l	ND	ND	ND	ND
Total Petroleum Hydrocarbons (6010/7471)						
TPH - C10-C28		ug/l	NA	NA	NA	NA

ND = Non-detect.
ND = Not Analyzed.
a = Concentration exceeds the December 2006 NYSDEC 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
J = Result is less than the method reporting limit but greater than method detection limit.
B = Analyte was detected in both the sample and the blank sample.
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Table 6
Degreaser C/D Groundwater VOC Detections Exceeding
6 NYCRR Part 703 Surface Water and Groundwater Quality Standards
and Groundwater Effluent Limitations

Analyte	Sample Location	Concentration (µg/L)	Exceeds Groundwater Screening Limit
Volatile Organic Compounds			
1,1,1-Trichloroethene	MW32	33	Yes
1,1-Dichloroethane	DCDPZ01	28	Yes
	DCDPZ02	110	Yes
	DCDPZ03	300	Yes
	MW30	15	Yes
	MW31	14	Yes
	MW32	220	Yes
	MW33	60	Yes
	MW34	17	Yes
1,1-Dichloroethene	DCDPZ02	150	Yes
	DCDPZ03	17	Yes
	MW31	5.4*	Yes
	MW32	18	Yes
	MW33	8.4	Yes
1,2-Dichloroethane	DCDPZ03	2.9J	Yes
	MW32	1.1J	Yes
Carbon disulfide	MW32	62	Yes
Chloroethane	DCDPZ03	5.2J	Yes
cis-1,2-Dichloroethene	DCDPZ01	6.5	Yes
	DCDPZ02	170	Yes
	DCDPZ03	130	Yes
	DCDPZ04	17	Yes
	MW30	16	Yes
	MW31	110	Yes
	MW32	150	Yes
	MW33	190	Yes

Notes:
µg/L = microgram per liter.
* = concentration detected in a field duplicate sample.
J = concentration exceeds method detection limit but less than method reporting limit; estimated value.

Table 6 (Continued)
Degreaser C/D Groundwater VOC Detections Exceeding
6 NYCRR Part 703 Surface Water and Groundwater Quality Standards
and Groundwater Effluent Limitations

Analyte	Sample Location	Concentration (µg/L)	Exceeds Groundwater Screening Limit
Volatile Organic Compounds (Continued)			
Trichloroethene	DCDPZ01	8.5	Yes
	DCDPZ02	330	Yes
	DCDPZ03	37	Yes
	DCDPZ04	10	Yes
	MW30	12	Yes
	MW31	310	Yes
	MW32	40	Yes
	MW33	48	Yes
Vinyl chloride	DCDPZ01	2.7	Yes
	DCDPZ02	43	Yes
	DCDPZ03	53	Yes
	DCDPZ04	2.2	Yes
	MW30	13	Yes
	MW31	7.5	Yes
	MW32	42	Yes
	MW33	33	Yes
	MW34	3.8	Yes

Notes:
µg/L = microgram per liter.

Table 7
Sub-Station I Groundwater VOC Detections Exceeding
6 NYCRR Part 703 Surface Water and Groundwater Quality Standards
and Groundwater Effluent Limitations

Analyte	Sample Location	Concentration (µg/L)	Exceeds Groundwater Screening Limit
Volatile Organic Compounds			
1,1,1-trichloroethene	SSIPZ04	70	Yes
	MW28	5.3	Yes
	MW29	6	Yes
1,1-dichloroethane	SSIPZ04	230	Yes
	MW25	9.5	Yes
	MW27	23	Yes
	MW28	9.8	Yes
	MW29	18	Yes
1,1-dichloroethene	SSIPZ04	20	Yes
1,3-dichlorobenzene	MW25	8.6	Yes
1,4-dichlorobenzene	MW25	57	Yes
cis-1,2-dichloroethane	SSIPZ01	82	Yes
	SSIPZ04	340	Yes
	SSIPZ05	7.7	Yes
	MW25	17	Yes
	MW26	8.1	Yes
	MW27	14	Yes
	MW28	20	Yes
	MW29	29	Yes
toluene	SSIPZ04	5.5J	Yes
trans-1,2-dichloroethane	SSIPZ01	15J	Yes
trichloroethene	SSIPZ01	1,300	Yes
	SSIPZ03	25	Yes
	SSIPZ04	11	Yes
	SSIPZ05	16	Yes
	MW25	11	Yes
	MW26	22	Yes
	MW27	59	Yes
	MW28	41	Yes
	MW29	360	Yes

Notes:
µg/L = microgram per liter.
J = concentration exceeds method detection limit but less than method reporting limit; estimated value.

Table 7 (Continued)
Sub-Station I Groundwater VOC Detections Exceeding
6 NYCRR Part 703 Surface Water and Groundwater Quality Standards
and Groundwater Effluent Limitations

Analyte	Sample Location	Concentration (µg/L)	Exceeds Groundwater Screening Limit
Volatile Organic Compounds			
vinyl chloride	SSIPZ02	3.3	Yes
	SSIPZ04	34	Yes
	MW25	2.2	Yes
	MW26	3.7	Yes
	MW27	2.8	Yes
	MW29	2.6J	Yes

Notes:
µg/L = microgram per liter.
J = concentration exceeds method detection limit but less than method reporting limit; estimated value.

Table 8
Groundwater SVOC, Pesticide, PCB, Metal, and TPH-DRO Detections Exceeding
6 NYCRR Part 703 Surface Water and Groundwater Quality Standards
and Groundwater Effluent Limitations

Analyte	Sample Location	Concentration (µg/L)	Exceeds Groundwater Screening Limit
Degreaser C/D Area			
Semi-volatile Organic Compounds			
acenaphthene	DCDPZ01	390	Yes
naphthalene	DCDPZ04	1,600	Yes
	MW31	19	Yes
	MW33	52	Yes
Pesticides			
alpha-BHC	MW32	0.011J	Yes
beta-BHC	DCDPZ02	0.14J	Yes
Polychlorinated Bi-phenyls			
aroclor 1260	DCDPZ01	1	Yes
aroclor 1254	DCDPZ04	450J	Yes
RCRA Metals			
arsenic	DCDPZ04	34	Yes
barium		1,100	Yes
Total Petroleum Hydrocarbons – Diesel Range Organics			
TPH C10-C28	DCDPZ01	9,100	No Standard
	DCDPZ04	25,000,000	
	MW31	2,800	

Notes:

µg/L = microgram per liter.
J = concentration exceeds method detection limit but less than method reporting limit; estimated value.
B = Analyte was detected in both the sample and the method blank sample.
RCRA = Resource Conservation and Recovery Act.
[1] = Samples from locations in which NAPL was encountered, were analyzed for TPH-DRO.

Table 8 (Continued)
Groundwater SVOC, Pesticide, PCB, and Metal Detections Exceeding
6 NYCRR Part 703 Surface Water and Groundwater Quality Standards
and Groundwater Effluent Limitations

Analyte	Sample Location	Concentration (µg/L)	Exceeds Groundwater Screening Limit
Sub-Station I Area			
Semi-volatile Organic Compounds			
None			
Pesticides			
4,4'-DDE	MW26	0.37	Yes
Polychlorinated Bi-phenyls			
aroclor 1242	MW25	1.8J	Yes
aroclor 1260	SSIPZ04	0.22J	Yes
RCRA Metals			
arsenic	SSIPZ03	55	Yes
barium		1,300	Yes
chromium		140	Yes
lead		82	Yes
Total Petroleum Hydrocarbons – Diesel Range Organics			
TPH C10-C28[1]	SSIPZ02	680	No Standard
	MW25	2,900HB	

Notes:

µg/L = microgram per liter.

J = concentration exceeds method detection limit but less than method reporting limit; estimated value.

B = Analyte was detected in both the sample and the method blank sample.

H = Sample was prepped or analyzed outside the specified holding time.

RCRA = Resource Conservation and Recovery Act.

[1] = Samples from locations in which NAPL was encountered at time of sampling, were analyzed for TPH-DRO.

No other reported concentrations exceeded their respective NYCRR Part 703 Groundwater Quality Standards screening limits. Laboratory method detection limits for all groundwater samples analyzed are less than their respective NYCRR Part 703 Groundwater Quality Standards screening limits, with the exception of PCBs. In some cases, the reported laboratory method detection limit for a specific Aroclor exceeded the 6 NYCRR Part 703 Groundwater Quality Standards screening limit of 0.09 ug/L. Groundwater samples were analyzed for PCBs via U.S. EPA Method 8082 in accordance with the NYSDEC approved work plan.

Some laboratory reported concentrations are estimated values and are J-qualified or J-flagged. J-flagged analyte concentrations are greater than the respective laboratory method detection limits, but less than the laboratory method reporting limits. Other qualifiers of note include "H" and "B." An H-qualifier indicates the sample was prepared or analyzed outside of the specified method holding time. Reported H-qualified concentrations are considered estimated and not rejected because the difference between the sample date and preparation date was less than 14 days. A B-qualifier denotes the analyte was detected in both the sample and the laboratory method blank sample indicating these particular concentrations may be viewed as "non-detect" due to the method blank artifacts. Additional qualifiers were assigned to various analytes in the laboratory analytical reports; however, none of these qualifiers had a negative impact on the data. Qualifiers for groundwater samples are summarized in the laboratory analytical reports (Appendix D) and Table 4.

5.3 NAPL Analytical Results

NAPL samples were collected at locations in which sufficient amounts were encountered and analyzed for characterization purposes; therefore, these concentrations were not compared to NYSDEC screening values.

Polychlorinated Bi-Phenyls

No PCBs were detected above laboratory method detection limits in a December 5, 2013, NAPL sample collected from the Degreaser C/D piezometer DCDPZ04. However, a second NAPL sample collected on January 17, 2014, yielded an Aroclor 1254 concentration of 53,000 µg/kg.

Only Aroclor 1260 was detected in December 5, 2013, NAPL samples from Sub-Station I monitoring well MW25 and piezometer SSIPZ04 – at concentrations of 1,300,000 and 8,900 µg/kg respectively.

Total Petroleum Hydrocarbons

A NAPL sample collected at Degreaser C/D piezometer DCDPZ04 on December 5, 2013, did not contain sufficient free-phase material for analysis; therefore, TPH-DRO analysis was performed on the NAPL/groundwater emulsion sample, which was assigned a matrix of water by TestAmerica. Laboratory analytical results yielded a TPH-DRO concentration of 6,100,000 µg/L for this sample. Hydrocarbon fingerprinting results indicate the NAPL/groundwater emulsion sample yielded a match closest to a mineral spirits reference sample. Laboratory analytical results yielded a TPH-DRO concentration of 420,000 mg/kg in a NAPL sample collected from the DCDPZ04 location on January 17, 2014, and a fingerprint result which most closely matched a reference sample for jet fuel.

Laboratory analytical results for December 5, 2013, NAPL samples yielded TPH-DRO concentrations ranging from 480,000 – 490,000 milligrams per kilogram (mg/kg) in NAPL samples at monitoring well MW25 and piezometer SSIPZ04 within the Sub-Station I investigation area. Hydrocarbon fingerprinting results for the MW25 and SSIPZ04 samples indicated a match to a hydraulic fluid reference sample.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Findings from former Building TR-1 Degreaser C/D and Sub-Station I area investigation activities identified impacts to shallow subsurface soils and groundwater, including observations of NAPL. NAPL was encountered to a lesser extent at the Degreaser C/D area when compared to the Sub-Station I area. Consistent NAPL measurements at the Degreaser C/D area ranged from 0.01 to 0.27 feet thick at only one location, DCDPZ04, while consistent NAPL thickness was measured at more than 2 feet thick at two locations in the Sub-Station I area – monitoring well MW25 and piezometer SSIPZ04. NAPL samples from each investigation area yielded PCB detections ranging from 8,900 to 1,300,000 µg/kg as well as a match to a reference sample for jet fuel at the Degreaser C/D area and a match to a hydraulic fluid reference sample at the Sub-Station I area.

EnSafe conducted bail down testing at locations within the Degreaser C/D and Sub-Station I investigation areas in which NAPL was encountered from January 15 to 21, 2014. Based on results of the bail down testing, EnSafe's conceptual understanding is several, thin, isolated lenses of relatively immobile NAPL are present beneath the former Building TR-1 sub-slab in the investigation areas – approximately seven to eleven feet bgs. Findings suggest a relatively small and immobile NAPL mass beneath the former Building TR-1 Degreaser C/D and Sub-Station I areas. Combining these findings with those from the May 2013 video inspection, the location of monitoring wells and piezometers in which NAPL was encountered during Degreaser C/D and Sub-Station I investigation activities, and oil encountered at PS2, we believe that NAPL associated with the former Sub-Station I transformer may be preferentially accumulating within the bedding of former Building TR-1 storm sewer utility lines. Methods, findings, and recommendations associated with the January 2014 bail down testing are detailed in a separate report prepared by EnSafe in February 2014 – *Former Building TR-1 Sub-Slab Free Product Evaluation Bail Down Testing Report*.

Laboratory analytical results for soil samples reported VOCs, pesticides, and PCBs at concentrations which exceeded their respective December 2006 NYSDEC-DER 6 NYCRR Part 375 SCO Unrestricted Use screening limits; however, only two detections of Aroclor 1260, at concentrations of 4,300 and 350 µg/kg at monitoring wells MW25 and MW28 respectively, exceeded the Restricted Use Commercial SCO of 1,000 µg/kg. Both concentrations were less than the Industrial Use SCO of 25,000 µg/kg.

Groundwater samples from the Degreaser C/D investigation area yielded concentrations of several VOCs, two SVOCs (acenaphthene and naphthalene), two pesticides (alpha-BHC and beta-BHC), two PCBs (Aroclors 1254 and 1260), and two metal analytes (arsenic and barium) in excess of their respective NYCRR Part 703 Groundwater Quality Standards screening limits. Most VOC

concentrations ranged between one and two orders of magnitude greater than their respective screening limits and were not indicative of a source area. Reported PCB concentrations ranged from two to four orders of magnitude greater than the screening limit of 0.09 µg/L.

Based on review of boring log data and laboratory analytical results reported for deep monitoring well MW35D, impacts appear to be limited to shallow soil and the shallow groundwater aquifer in the area of former Degreaser C/D. Previous investigations at the Site have also identified limited communication between the shallow and deep groundwater aquifers due to an aquitard zone consisting of dense clayey silt and silt documented at an approximate depth of 20 to 25 feet bgs. Deep groundwater aquifer monitoring wells recently installed in other areas of the Site with elevated VOCs and/or NAPL identified in the shallow groundwater aquifer have yielded no significant detections of VOCs. Only two previously existing deep groundwater aquifer monitoring wells at the Site, located in a source area associated with solid waste management units 1 through 4, have historically yielded significant detections of VOC analytes – monitoring wells MW3D and MW13D2. However, VOC concentrations at these two locations have been orders of magnitude less than their shallow groundwater aquifer counterpart – monitoring well MW3S.

Laboratory analytical results for groundwater samples from the Sub-Station I investigation area yielded concentrations of several VOCs, one pesticide (4,4'-DDE), two PCBs (Aroclors 1242 and 1260), and four metal analytes (arsenic, barium, chromium, and lead) in excess of their respective screening limits. Most VOC concentrations ranged between one and two orders of magnitude greater than their respective screening limits, with the exception of a reported TCE concentration, 1,300 µg/L, at piezometer SSIPZ01. While the TCE concentration is slightly elevated compared to other reported concentrations for Sub-station I, it is not indicative of a VOC source area. Two groundwater PCB concentrations slightly exceeded the screening limit of 0.09 µg/L.

In some cases, the reported laboratory method detection limit for a specific Aroclor exceeded the 6 NYCRR Part 703 Groundwater Quality Standards screening limit of 0.09 ug/L. No further sampling and analysis is recommended with regard to PCBs in this case.

Investigation activities summarized herein have not fully delineated the horizontal extent of shallow soil and groundwater impacts in the former building TR-1 Degreaser C/D and Sub-Station I areas. However, based on review of historical groundwater monitoring results for proximal and Site-wide network monitoring wells, horizontal impacts to shallow groundwater do not appear to be widespread across the Site. Rather, they appear to be limited in extent to point sources. Additionally, the former Building TR-1 concrete slab was left in place to protect potentially impacted

underlying media, and diversion of storm water to prevent infiltration to sub-slab media was achieved by installation of an engineered cover atop the existing concrete slab. Although, groundwater infiltration into the storm sewer system at the Site has been documented, storm sewer utilities beneath former Building TR-1, which receive infiltration of impacted groundwater from the Degreaser C/D and Sub-Station I areas, are connected to the on-site treatment system and treated prior to being discharged to Sanders Creek.

It is recommended that monitoring wells in the former Building TR-1 Degreaser C/D and Sub-Station I areas be sampled one additional time as part of the next annual Site-wide groundwater monitoring event conducted under Consent Order agreement Index CO 7-20051118-4. The next annual groundwater monitoring event is tentatively scheduled for June 2014. At that time, a decision to include select monitoring wells from the former Building TR-1 Floor Drain area into the annual monitoring network will be discussed with NYSDEC.

7.0 LIMITATIONS

The information presented in this report was obtained through performance of a Scope of Work outlined in the *Former Building TR-1 Sub-Slab Investigation Work Plan* (EnSafe, August 9, 2013). Report users should recognize that any sampling or testing activities are inherently limited, in that conditions at other locations and depths may vary from those at the locations where samples or measurements were obtained. The ability of EnSafe to interpret results and draw conclusions about Site conditions are similarly limited, and subject to the availability and quality of information that led us to select sampling or measurement locations, and to practical limits in the extent of sampling that was conducted. EnSafe has conducted the professional assessment services with a level of care and skill consistent with generally accepted environmental consulting industry standards.

In any event, report results apply solely to conditions existing at the time that EnSafe obtained samples or conducted tests. Only the party for whom this report was originally prepared and/or other parties specifically named in our proposal have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose shall be at the user's sole risk. Conditions in other parts of the Site may vary from those at the locations where data were collected. As such, EnSafe does not provide any guarantees, certifications, or warranties regarding the presence or extent of environmental contamination or contaminant sources on the Site. This assessment was intended for the purpose of determining the potential for contamination through limited assessment activities, and in no way represents a conclusive or complete site characterization.

Appendix A
Soil Boring and Monitoring Well Construction Logs

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: DCDPZ01

Project: Degreaser C/D Investigation

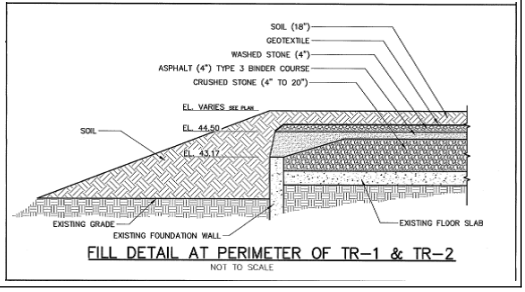
Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632181.0843
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123853.023
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.87
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21.0

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		Topsoil	0		0-0.5 ft. Topsoil.	Well Cap
			Gravel	0		0-3.2 ft. Gravel (DGA) and Asphalt.	
				0			3-Inch Casing
				0			1-Inch PVC Riser
			Concrete	0		3.2-4.1 ft. Concrete.	
-5	40		Gravel	0		4.1-7 ft. Gravel (DGA).	Bentonite Seal
				0			
				0			
			CL	0		7-8 ft. Gravelly Clay: Clay medium brown, low plasticity, firm; Gravel small (<1-inch), sub-angular; moist.	
				0			
				3.2		8-9 ft. Sandy Clay: Clay, light brown, low plasticity, firm; Sand, fine-grained; moist.	
-10	35					9-12 ft. Clay: medium gray, low plasticity, stiff; moist; hydrocarbon odor.	Filter Sand
					1		
				12.8		12-15.5 ft. Silty Clay: light brown, Clay; medium grayish-brown, low plasticity, firm; moist and becoming saturated below 15.5 ft; no odor.	1-Inch PVC Screen - 0.010 Slot
				1.2			
-15	30			2.7		15.5-16 ft. Clay: gray, low plasticity, soft; wet (saturated); no odor.	
				2.5		16-18 ft. Silty Clay: gray, low plasticity, soft; wet (saturated); no odor.	
			SP			18-20 ft. Sand with some fines: reddish-gray, fine- to medium-grained; wet (saturated); no odor.	
-20	25						

NOTES: Boring terminated at 20 feet below ground surface (No Refusal).
Boring converted to piezometer DCDPZ01.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARDCDPZ01S11 collected on October 14, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

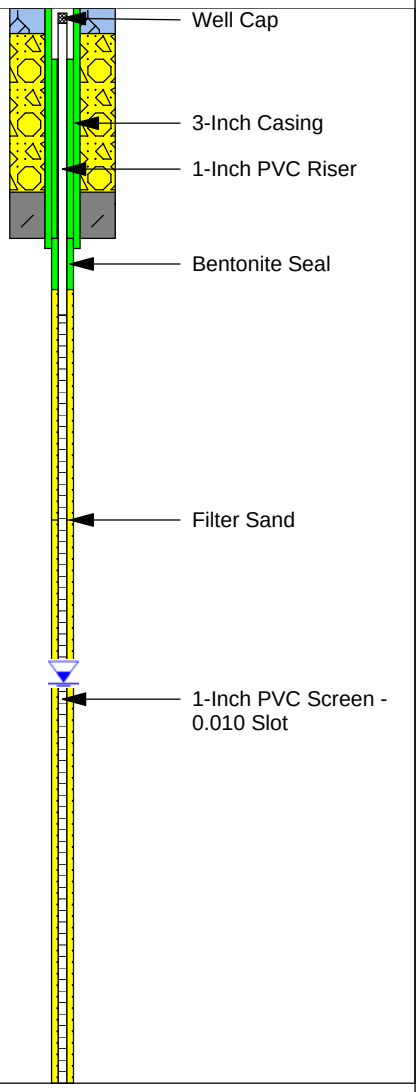
ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: DCDPZ02

Project: Degreaser C/D Investigation

Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632169.9347
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123896.716
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.59
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21.0

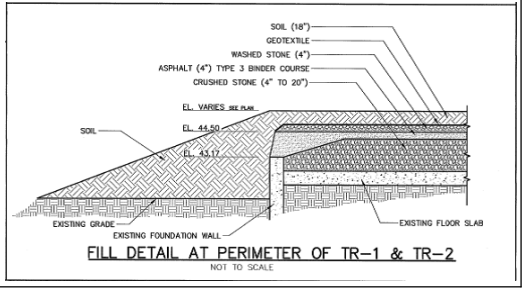
DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)
0	45		Topsoil	0		0-0.5 ft. Topsoil.
			Gravel	0		0.5-3.6 ft. Gravel (DGA) and Asphalt.
				0		
				0		
			Concrete			3.6-4.5 ft. Concrete.
-5	40		Gravel	0		4.5-6 ft. Gravel (DGA).
			CL	1.6		6-8 ft. Silty Clay with minor Gravel: Silty Clay, dark grayish-brown, low plasticity, firm; Gravel small (<1-inch), sub-rounded.
				1.7		8-9 ft. Gravelly Clay: Clay, dark grayish-brown, low plasticity, firm; Gravel, small (<1-inch), sub-rounded; moist.
-10	35			63.9		9-10 ft. Clay: dark grayish-brown, low plasticity, firm; moist; slight hydrocarbon odor.
				100.2	1	10-12 ft. Clay: medium grayish-brown, low plasticity, firm; moist; strong hydrocarbon odor.
						12-13 ft. Gravelly-Silty Clay: dark brown, low plasticity, firm; Gravel small (<1-inch) , sub-rounded; moist.
-15	30			34.3		13-16 ft. Silty Clay: medium brown, low to medium plasticity, firm; wet (saturated); slight hydrocarbon odor.
						16-18 ft. Sandy Clay: medium brown, low to medium plasticity, medium firm; wet; no odor.
			SP			18-20 ft. Sand with some fines: reddish-brown, fine- to medium-grained, loose; wet (saturated); no odor.
-20	25					



NOTES: Boring terminated at 20 feet below ground surface (No Refusal).
Boring converted to piezometer DCDPZ02.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARDCDPZ02S11 collected on October 14, 2013.



ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: DCDPZ03

Project: Degreaser C/D Investigation

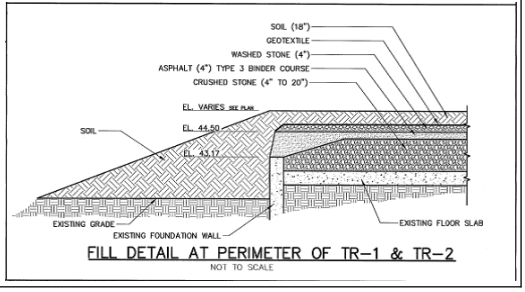
Client:	Carrier Corporation	**Start Date:**	10/11/2013	**Northing:**	632053.9287
Location:	Carrier Syracuse	**End Date:**	10/11/2013	**Easting:**	1123839.699
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.82
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	16

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		Topsoil / Gravel	0		0-0.5 ft. Topsoil.	Well Cap
				0		0.5-3.6 ft. Gravel (DGA) and Asphalt.	
				0			3-Inch Casing
				0			1-Inch PVC Riser
			Concrete	0		3.6-4.3 ft. Concrete.	
-5	40		GC	0		4.3-8 ft. Gravel-sand-clay mixture (fill).	Bentonite Seal
				0			
				0			
			CL	0		8-11 ft. Sandy Clay: Clay, medium brown, low to medium plasticity, firm; Sand, very fine-grained, loose to medium dense; moist becoming very wet (saturated) at 11 ft.	
-10	35			0	1		Filter Sand
				0		11-13.2 ft. Silty Clay: medium brown, low to medium plasticity, firm to stiff; slightly moist.	1-Inch PVC Screen - 0.010 Slot
				0			
			CH			13.2-13.8 ft. Silt and Clay: Transition from Silty Clay to Clay.	
-15	30					13.8-16 ft. Clay: gray, highly plastic, soft; wet (saturated).	

NOTES: Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to piezometer DCDPZ03.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARDCDPZ03S10 collected on October 11, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: DCDPZ04

Project: Degreaser C/D Investigation

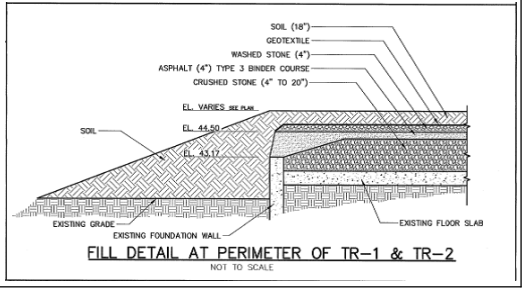
Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632053.9287
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123839.699
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.95
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	16

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		Topsoil / Gravel	0		0-0.5 ft. Topsoil.	Well Cap
				0		0.5-3.3 ft. Gravel (DGA) and Asphalt.	
				0			3-Inch Casing
				0			1-Inch PVC Riser
			Concrete	0		3.3-4.5 ft. Concrete.	
-5	40		Gravel	0		4.5-8 ft. Gravel (DGA).	Bentonite Seal
				0			
				0			
			CL	0		8-9 ft. Silty Clay: dark gray, medium plasticity, firm; moist; slight hydrocarbon odor.	
-10				0			
	35			314		9-11 ft. Clay: dark gray, medium plasticity, firm; very moist; strong hydrocarbon odor.	Filter Sand
			CH		1	11-16 ft. Clay: medium grayish-brown, highly plastic, firm; wet (saturated); strong hydrocarbon odor.	1-Inch PVC Screen - 0.010 Slot
-15	30						

NOTES: Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to piezometer DCDPZ04.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARDCDPZ04S11 collected on October 14, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: MW30

Project: Degreaser C/D Investigation

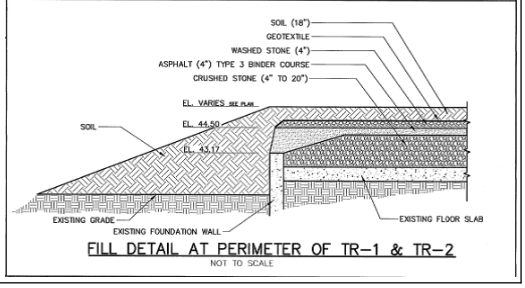
Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632079.1158
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123853.155
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	45.67
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45	Topsoil / Gravel		0		0-0.5 ft. Topsoil.	Well Cap
				0		0.5-4 ft. Gravel (DGA), Asphalt, and Gravel (DGA).	6-Inch Casing
				0			4-Inch PVC Riser
		Concrete		0		3.6-4.3 ft. Concrete.	
-5	40		CL	0		4-8 ft. Gravelly Clay: medium brownish-gray; Clay, medium plasticity, firm; Gravel, small (<1-inch), sub-rounded; moist.	Bentonite Seal
				0			
				0			
			CL	0		8.5-11 ft. Silty Clay: medium brownish-gray, low plasticity, firm; moist.	
-10	35			25			Filter Sand
				38	1	11-13 ft. Silty Clay: medium gray, low to medium plasticity, firm; wet (saturated).	
				6.7			
			CH			13-13.5 ft. Silty Clay and Clay: transition from Silty Clay to Clay.	4-Inch PVC Screen - 0.010 Slot
-15	30					13.5-16 ft. Clay: gray, medium to highly plastic, soft; wet (saturated).	
						Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW30.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW30S10 collected on October 14, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: MW31

Project: Degreaser C/D Investigation

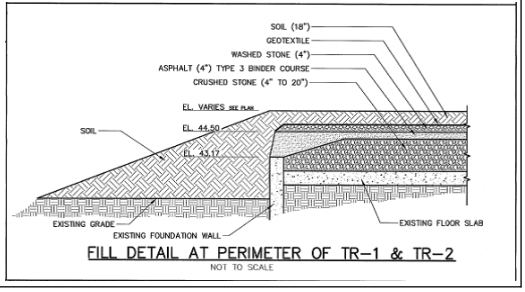
Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632092.0703
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123890.092
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	45.05
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		Topsoil / Gravel	0		0-0.5 ft. Topsoil.	Well Cap
				0		0.5-3.7 ft. Gravel (DGA), Asphalt, and Gravel (DGA).	4-Inch Casing
				0			2-Inch PVC Riser
				0			Bentonite Seal
			Concrete / Gravel	0		3.7-4.2 ft. Concrete.	
-5	40			8.2		4-6 ft. Gravel (DGA).	
			CL	0		6-8 ft. Silty Clay: dark gray, low to medium plasticity, firm; moist.	
				0			
				19.7		8-10 ft. Clay: dark gray, medium plasticity, firm; moist; slight hydrocarbon odor.	
-10	35			29.3		10-12 ft. Clay: dark gray, medium plasticity, soft; moist; strong hydrocarbon odor.	Filter Sand
				367.4	1		
			CH			12-16 ft. Clay: dark gray, high plasticity, soft; wet (saturated); hydrocarbon odor.	2-Inch PVC Screen - 0.010 Slot
-15	30					Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW31.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW31S11 collected on October 14, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

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Memphis TN 38134

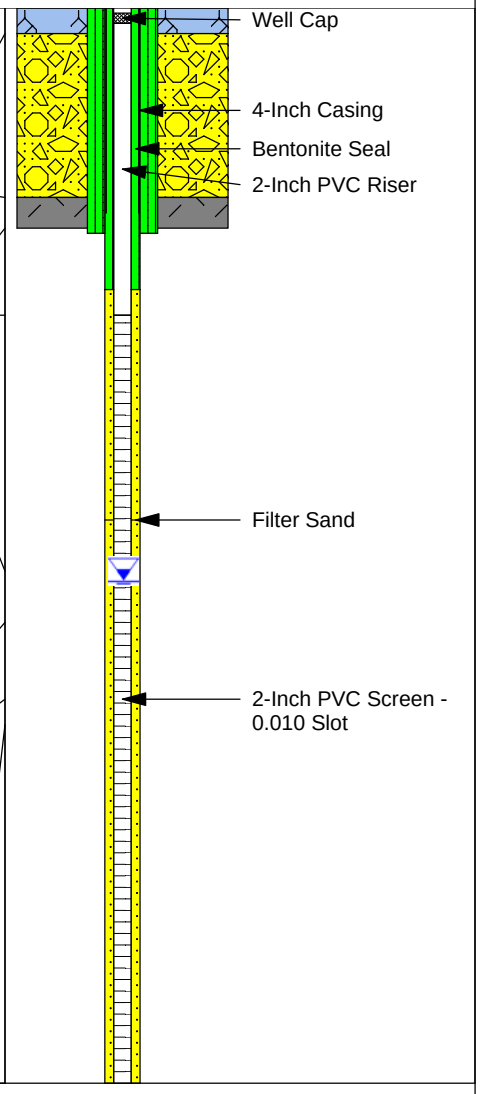
Monitoring Well: MW32

Project: Degreaser C/D Investigation

Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632110.9686
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123824.673
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	45.26
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)
0	45		Topsoil	0		0-0.5 ft. Topsoil.
			Gravel	0		0.5-3.7 ft. Gravel (DGA) and Asphalt.
				0		
				0		
			Concrete	0		3.7-4.3 ft. Concrete.
			Gravel	0		4.3-6 ft. Gravel (DGA).
-5	40		CL	0		6-7 ft. Gravelly Clay: Clay, medium brown, low to medium plasticity, firm; Gravel, small to medium (1 to 2-inch), sub-angular; moist.
				81.8		7-8 ft. Clay with less Gravel than above.
				135.5		8-11 ft. Silty Clay: gray and brown, low to medium plasticity, firm; moist; hydrocarbon odor.
-10	35			169.8		
			SC		1	11-12 ft. Clayey Sand: medium brown; Clay, low plasticity, soft; Sand fine-grained, loose; wet (saturated).
			SP			12-13.5 ft. Sand: medium brown, well sorted, loose; wet (saturated).
			SC CH			13.5-14 ft. Sand and Clay with minor Silt: brown and gray, transitions from Sand to Clay minor Silt, Sand fine-grained, loose; Clay, low plasticity, soft; wet (saturated).
-15	30					14-16 ft. Clay: Gray, highly plastic, soft; wet (saturated).
						Not sampled below 16 ft.
-20	25					

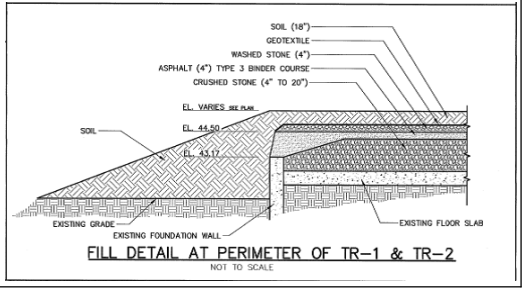
Well Construction



NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW32.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW32S10 collected on October 14, 2013.



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Monitoring Well: MW33

Project: Degreaser C/D Investigation

Client: Carrier Corporation
Location: Carrier Syracuse
Project #: 0888814332
Purpose: Investigation
Well Owner: Carrier Corporation

Start Date: 10/14/2013
End Date: 10/14/2013
Drilling Method: DPT/Spin & Wash
Drilling Contractor: Parratt-Wolff
Geologist: C. Ellis

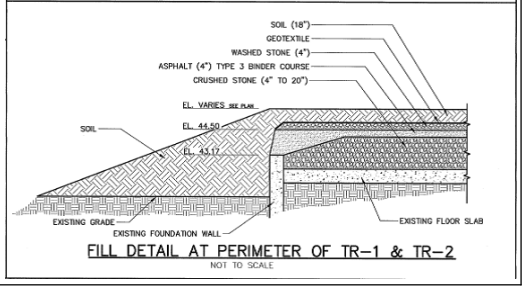
Northing: 632147.8106
Easting: 1123861.987
TOC Elevation: 45.3
Surface Elevation FT: GSE
Total Depth FT: 21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		Topsoil	0		0-0.5 ft. Topsoil.	Well Cap
			Gravel	0		0.5-3.6 ft. Gravel (DGA) and Asphalt.	4-Inch Casing
				0			Bentonite Seal
			Concrete	0		3.6-4.2 ft. Concrete.	2-Inch PVC Riser
-5	40		GC	64.1		4.2-8 ft. Gravelly Clay: medium brown; Clay, low plasticity, firm; Gravel small (<1-inch), sub-angular to sub-rounded.	
			CL	17.8		8-10 ft. Silty Clay: dark gray, medium plasticity, firm; moist; hydrocarbon odor.	
				309			Filter Sand
-10	35		CH	158		10-12 ft. Clay: dark gray, high plasticity, soft to firm; strong hydrocarbon odor with free product present at 12 ft.	
				376	1		
				253		12-16 ft. Clay: gray, medium to high plasticity, soft; wet (saturated); odor diminishing at 13 ft.	2-Inch PVC Screen - 0.010 Slot
-15	30					Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW33.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW33S11 collected on October 14, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

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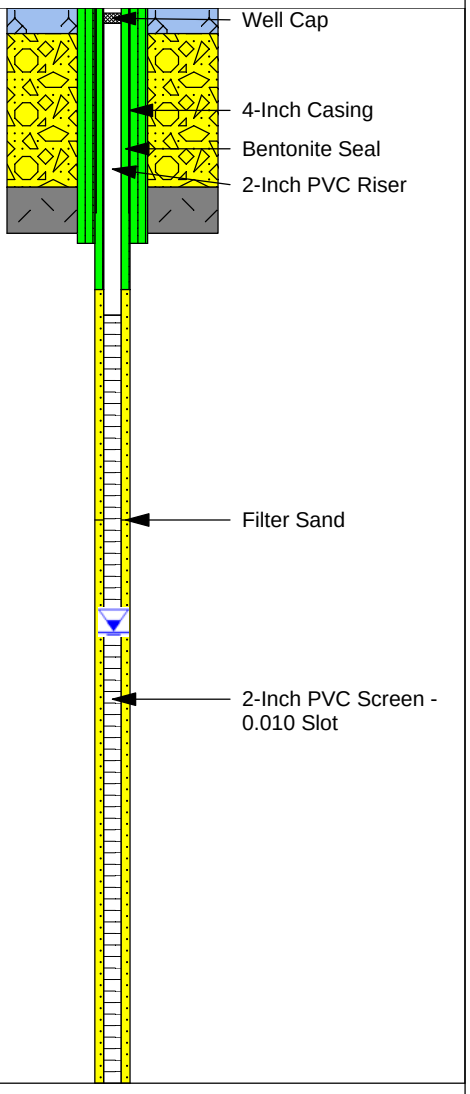
Monitoring Well: MW34

Project: Degreaser C/D Investigation

Client:	Carrier Corporation	**Start Date:**	10/11/2013	**Northing:**	632063.7207
Location:	Carrier Syracuse	**End Date:**	10/11/2013	**Easting:**	1123857.173
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	45.32
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)
0	45		Topsoil	0		0-0.5 ft. Topsoil.
			Gravel	0		0.5-4 ft. Gravel (DGA) and Asphalt.
				0		
			Concrete	0		3.3-4.5 ft. Concrete.
-5	40		GC	0		4-8 ft. Gravelly and Sandy Clay: dark gray; Clay, low to medium plasticity, stiff; Sand fine-grained; Gravel small (<1-inch), sub-angular.
				0		
				0		
			CL	0		8-10 ft. Silty Clay: dark brownish-gray, medium plasticity, stiff; dry; slight hydrocarbon odor.
-10	35			0		
				148.1	1	10-12 ft. Silty Clay: brownish-gray, medium plasticity, stiff; slightly moist; strong hydrocarbon odor.
				37.7		
			ML	87.3		12-13.5 ft. Silt: gray, non-fissile, firm; wet (saturated).
						13.5-14 ft. Silt and Clay: brownish-gray, transition from Silt to Clay.
-15	30		CH			14-16 ft. Clay: gray, high plasticity, soft; wet (saturated).
						Not sampled below 16 ft.
-20	25					

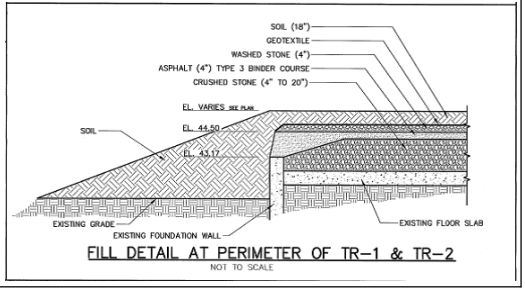
Well Construction



NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW34.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW34S10 collected on October 11, 2013.



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Monitoring Well: MW35D

Project: Degreaser C/D Investigation

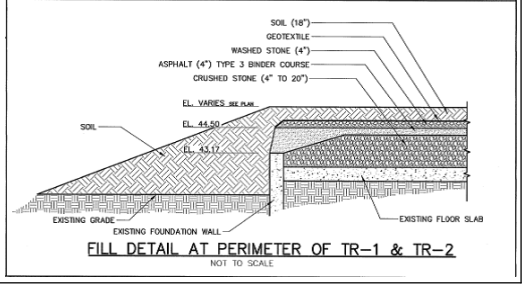
Client:	Carrier Corporation	**Start Date:**	10/24/2013	**Northing:**	632078.4938
Location:	Carrier Syracuse	**End Date:**	10/24/2013	**Easting:**	1123889.844
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.92
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	Joe Matthews	**Total Depth FT:**	59.3

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45	Topsoil / Gravel		0.0		0-0.5 ft. Topsoil.	Well Cap; 6-inch Diameter Schedule 80-PVC Surface Casing
				0.0		0.5-3.7 ft. Gravel (DGA), Asphalt, and Gravel (DGA).	
		Concrete		0.0		3.7-4.2 ft. Concrete.	
-5	40	Gravel		0.0		4-6 ft. Gravel (DGA).	
			CL	0.0		6-8 ft. Silty Clay: dark gray, low to medium plasticity, firm; moist.	4-Inch Steel Conductor Casing
				0.0		8-10 ft. Clay: dark gray, medium plasticity, firm; moist; slight hydrocarbon odor.	
-10	35			0.0		10-12 ft. Clay: dark gray, medium plasticity, soft; moist; strong hydrocarbon odor.	Cement Grout
			CH	0.0		12-16 ft. Clay: dark gray, high plasticity, soft; wet (saturated); hydrocarbon odor.	
-15	30			0.0			
			CL	0.0		16-20 ft. Silty Clay: dark gray, medium plasticity, firm, moist.	
-20	25			0.0			2-Inch PVC Riser
			SP			20-33 ft. Sand: brownish-gray, fine-grained, moderately cemented, moist.	
-25	20						
-30							

NOTES: Boring terminated at 59 feet below ground surface (Shale Refusal).
Boring converted to monitoring well MW35D.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

Not sampled - co-located with monitoring well MW31



ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: MW35D

Project: Degreaser C/D Investigation

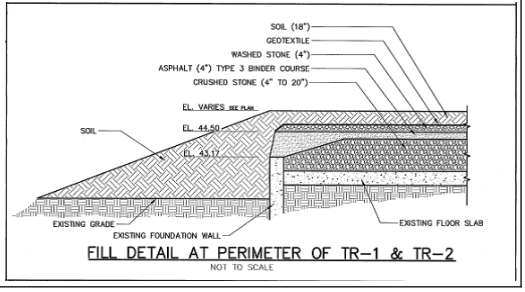
Client:	Carrier Corporation	**Start Date:**	10/24/2013	**Northing:**	632078.4938
Location:	Carrier Syracuse	**End Date:**	10/24/2013	**Easting:**	1123889.844
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.92
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	Joe Matthews	**Total Depth FT:**	59.3

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
-30	15						
-35	10		SM			33-41 ft. Sand with some Silt: Sand fine-grained, blocky, moderately cemented; Silt, non-fissile, firm, moist.	
-40	5		SP			41-45 ft. Sand: fine-grained, well sorted, moderately cemented, slightly moist.	
-45	0		SP			45-54 ft. Sand: brownish-gray with red tint, fine-grained, well sorted, moderately to strongly cemented; dry.	Filter Sand 2-Inch PVC Screen - 0.01-inch Slot
-50	-5						
-55	-10					54-59.3 ft. Sand with Gravel: Sand, gray, very coarse-grained, sub-rounded, dense, moderately cemented; Gravel small (<1-inch), sub-rounded; wet.	Well Total Depth Approximately 54.5 feet bgs. Filter Sand Formation collapse
-60			Shale			59.3-59.5 ft. Shale: dark gray, hard, fissile, dry.	

NOTES: Boring terminated at 59 feet below ground surface (Shale Refusal).
Boring converted to monitoring well MW35D.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

Not sampled - co-located with monitoring well MW31



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

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Memphis TN 38134

Monitoring Well: MW25

Project: Sub-Station I Investigation

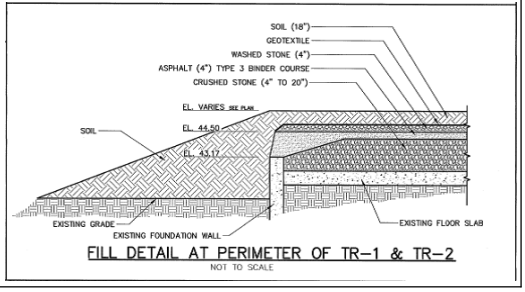
Client:	Carrier Corporation	**Start Date:**	10/15/13	**Northing:**	632166.0394
Location:	Carrier Syracuse	**End Date:**	10/15/13	**Easting:**	1123722.87
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	44.84
Purpose:	Investigation	**Drilling Contractor:**	Parratt -Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	40	Topsoil		0		0-0.5 ft. Topsoil.	Well Cap
		Gravel		0		1-2.3 ft. Gravel (DGA) and Asphalt.	
		Gravel		0		2.3-3.7 ft. Gravel (DGA).	6-Inch Casing
		Concrete		0		3.7-4 ft. Concrete.	4-Inch PVC Riser
-5			GC	0		4-8 ft. Gravely Clay: very little recovery.	
				0			Bentonite Seal
				0			
				0			
			CL	0		8-10 ft. Silty Clay: medium to dark gray; medium plasticity; firm; moist; slight hydrocarbon odor.	
-10	35			0	1		Filter Sand
			SM	12.3		10-13 ft. Silty Sand: dark brownish-gray; fine-grained; loose; wet (saturated); free product at 12 ft.	
						13-13.5 ft. Silt and Clay: Transition from Silty Clay to Clay.	
			ML CL			13.5-16 ft. Gray CLAY; wet (saturated); soft, cohesive; low plasticity; no free product.	4-Inch PVC Screen - 0.010 Slot
-15	30					Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to monitoring well MW25.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW25S09 collected on October 15, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

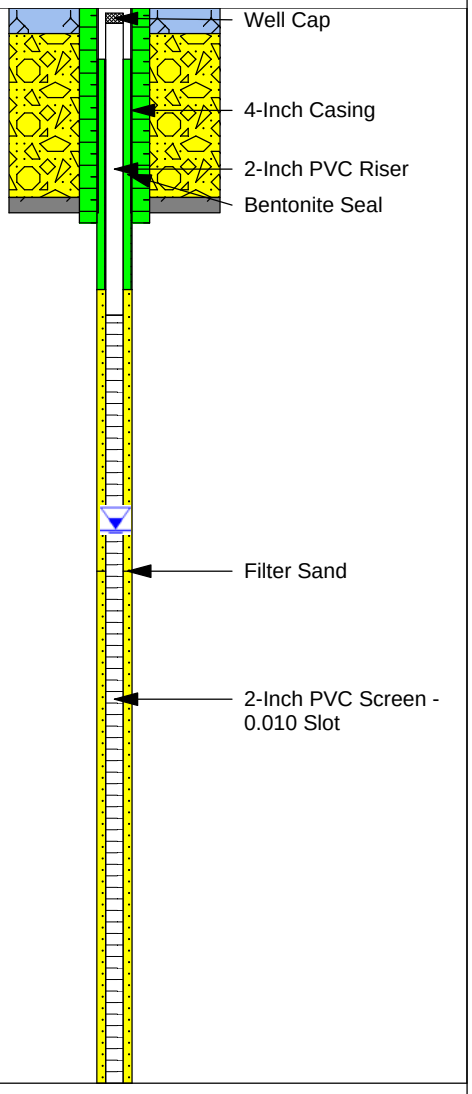
ENSAFE
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Monitoring Well: MW26

Project: Sub-Station I Investigation

Client:	Carrier Corporation	**Start Date:**	10/16/2013	**Northing:**	632138.9414
Location:	Carrier Syracuse	**End Date:**	10/16/2013	**Easting:**	1123759.893
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	45.24
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

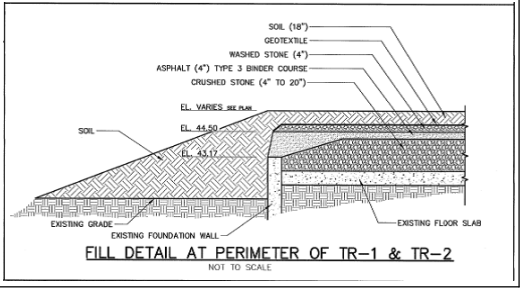
DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)
0	45		Topsoil	0		0-1 ft. Topsoil.
			Gravel	0		1-2.3 ft. Gravel (DGA) and Asphalt.
			Gravel	0		2.3-3.7 ft. Gravel (DGA).
			Concrete	0		3.7-4 ft. Concrete.
			Gravel	0		4-5 ft. Gravel (DGA).
-5	40		CL	0		5-10 ft. Silty Clay: medium to dark brown; medium plasticity; stiff; moist; slight hydrocarbon odor.
				0		
				0		
				0		
				0		
-10	35		SP	0	1	10-13 ft. Sand with minor fines: medium to dark brown; loose; wet (saturated); hydrocarbon odor and free product present.
						13-13.5 ft. Sand and Clay: transition from Sand to Clay.
			SC CL			13.5-16 ft. Clay: gray; low plasticity; soft; wet (saturated).
-15	30					Not sampled below 16 ft.
-20	25					



NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW26.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW26S09 collected on October 16, 2013.



ENSAFE
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Memphis TN 38134

Monitoring Well: MW27

Project: Sub-Station I Investigation

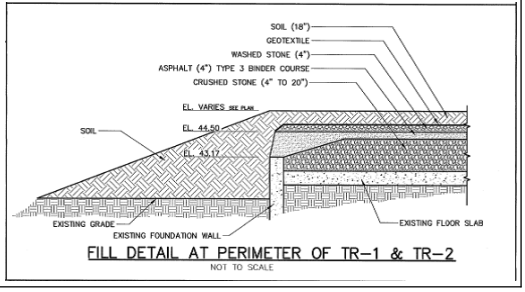
Client:	Carrier Corporation	**Start Date:**	10/16/2013	**Northing:**	632125.334
Location:	Carrier Syracuse	**End Date:**	10/16/2013	**Easting:**	1123712.132
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	44.78
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	40		Topsoil	0		0-1 ft. Topsoil.	Well Cap
			Gravel	0		1-3.7 ft. Gravel (DGA) and Asphalt.	4-Inch Casing
				0			Bentonite Seal
				0		3.7-4 ft. Concrete.	2-Inch PVC Riser
			Concrete Gravel	0		4-6 ft. Gravel (DGA).	
-5				0			
			CL	0		6-10 ft. Silty Clay: medium to dark grayish-brown; Clay; low to medium plasticity; stiff; Silt; non-fissile; moist.	
				0			
				0			
				0			
-10	35			0	1	10-10.5 ft. Clay and Sand: transition from Clay to Sand.	Filter Sand
			SC SP	0		10.5-13 ft. Sand with some fines: medium brown; medium-grained; well sorted; loose; wet (saturated).	
						13-13.5 ft. Sand and Clay: transition from Sand to Clay.	2-Inch PVC Screen - 0.010 Slot
			SC CL			13.5-16 ft. Clay with minor silt: gray; medium plasticity; soft; wet (saturated).	
-15	30					Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW27.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW27S09 collected on October 16, 2013.



ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: MW28

Project: Sub-Station I Investigation

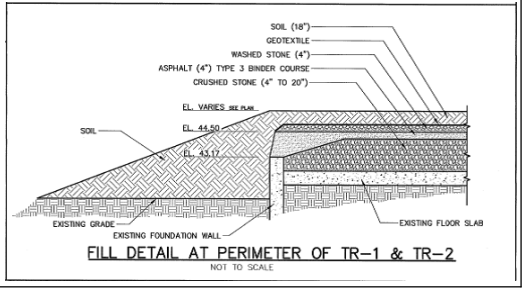
Client:	Carrier Corporation	**Start Date:**	10/16/2013	**Northing:**	632181.6578
Location:	Carrier Syracuse	**End Date:**	10/16/2013	**Easting:**	1123727.162
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	44.74
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	40		Topsoil	0		0-1 ft. Topsoil.	Well Cap
			Gravel	0		1-3.7 ft. Gravel (DGA) and Asphalt.	4-Inch Casing
				0			2-Inch PVC Riser
				0		3.7-4 ft. Concrete.	Bentonite Seal
-5			Concrete Gravel	0		4-6 ft. Gravel (DGA).	
				1.1			
			CL			6-10 ft. Silty Clay: dark gray; high plasticity; stiff; moist; hydrocarbon odor.	
				1.4			
				0			
-10	35			2	1		
			SP	1.8		10-14 ft. Sand with some fines: medium brown; fine- to medium-grained; loose; wet (saturated).	Filter Sand
				0.7			
						14-14.5 ft. Sand and Clay: transition from Sand to Clay.	2-Inch PVC Screen - 0.010 Slot
-15	30		SC CL			14.5-16 ft. Clay: gray; low plasticity; soft; wet (saturated).	
						Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW28.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW28S09 collected on October 16, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: MW29

Project: Sub-Station I Investigation

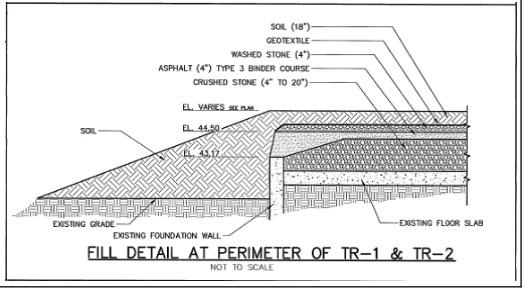
Client:	Carrier Corporation	**Start Date:**	10/14/2013	**Northing:**	632166.0394
Location:	Carrier Syracuse	**End Date:**	10/14/2013	**Easting:**	1123722.87
Project #:	0888814332	**Drilling Method:**	DPT/Spin & Wash	**TOC Elevation:**	44.84
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis/J. Matthews	**Total Depth FT:**	21

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0			Topsoil	0		0-1 ft. Topsoil.	Well Cap
			Gravel	0		1-3.7 ft. Gravel (DGA) and Asphalt.	6-Inch Casing
				0			4-Inch PVC Riser
				0		3.7-4.2 ft. Concrete.	Bentonite Seal
			Concrete	0			
-5	40		Gravel	0		4.2-6 ft. Gravel (DGA).	
			CL	0		6-10 ft. Silty Clay: medium to dark grayish-brown; Clay; low plasticity; stiff; Silt; non-fissile; moist.	
				0			
				0			
				0		10-10.5 ft. Clay and Sand: transition from Clay to Sand.	
-10	35		SC	0			Filter Sand
			SP		1	10.5-13 ft. Sand with some fines: medium brown; medium-grained; well sorted; loose; wet (saturated).	
						13-13.5 ft. Sand and Clay: transition from Sand to Clay.	4-Inch PVC Screen - 0.010 Slot
			SC				
-15	30		CL			13.5-16 ft. Clay with minor silt: gray; medium plasticity; soft; wet (saturated).	
						Not sampled below 16 ft.	
-20	25						

NOTES: Boring terminated at 21 feet below ground surface (No Refusal).
Boring converted to monitoring well MW29.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARMW29S11 collected on October 16, 2013.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: SSIPZ01

Project: Sub-Station I Investigation

Client:	Carrier Corporation	**Start Date:**	10/15/2013	**Northing:**	632086.9106
Location:	Carrier Syracuse	**End Date:**	10/15/2013	**Easting:**	1123719.942
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.04
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	16

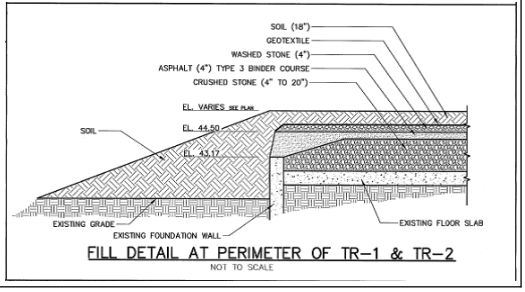
DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		Topsoil / Gravel	0		0-0.5 ft. Topsoil.	Well Cap
				0		0.5-3.2 ft. Gravel (DGA) and Asphalt.	
				0			3-Inch Casing
			Concrete	0		3.2-6.9 ft. Concrete	1-Inch PVC Riser
				0			
-5	40			0			Bentonite Seal
				0			
			CL	0		6.9 to 16 ft Silty Clay: No Recovery - Remaining log description based on monitoring well MW27 observations.	
			CL	0		6-10 ft. Silty Clay: medium to dark grayish-brown; Clay; low to medium plasticity; stiff; Silt; non-fissile; moist.	
-10	35		SC / SP	0		10-10.5 ft. Clay and Sand: transition from Clay to Sand.	Filter Sand
						10.5-13 ft. Sand with some fines: medium brown; medium-grained; well sorted; loose; wet (saturated).	1-Inch PVC Screen - 0.010 Slot
			SC / CL			13-13.5 ft. Sand and Clay: transition from Sand to Clay.	
-15	30					13.5-16 ft. Clay with minor silt: gray; medium plasticity; soft; wet (saturated).	

NOTES:

Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to piezometer SSIPZ01.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

Not sampled due to poor recovery.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: SSIPZ02

Project: Sub-Station I Investigation

Client: Carrier Corporation
Location: Carrier Syracuse
Project #: 0888814332
Purpose: Investigation
Well Owner: Carrier Corporation

Start Date: 10/15/2013
End Date: 10/15/2013
Drilling Method: DPT
Drilling Contractor: Parratt-Wolff
Geologist: C. Ellis

Northing: 632191.4932
Easting: 1123710.107
TOC Elevation: 45
Surface Elevation FT: GSE
Total Depth FT: 16

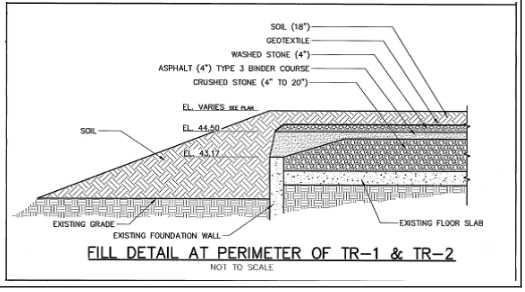
DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	45		~~Topsoil~~ Gravel	0		0-0.5 ft. Topsoil.	Well Cap
				0		0.5-4.5 ft. Gravel (DGA), Asphalt, and Gravel (DGA).	
				0			3-Inch Casing
				0			1-Inch PVC Riser
-5	40		GC	0		4.5-8 ft. Gravely Clay: No Recovery.	Bentonite Seal
				0			
				0			
			SC	0		8-13 ft. Clayey Sand: medium brown; Sand; fine- to medium-grained; loose; wet (saturated); slight hydrocarbon odor and free product present.	
-10	35			0			Filter Sand
				0			1-Inch PVC Screen - 0.010 Slot
			CH			13-13.5 ft. Sand and Clay: transition from Sand to Clay.	
-15	30					13.5-16 ft. Clay with minor Silt: gray; medium to high plasticity; soft; wet (saturated).	

NOTES:

Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to piezometer SSIPZ02.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

Not sampled due to poor recovery.



FILL DETAIL AT PERIMETER OF TR-1 & TR-2
NOT TO SCALE

ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

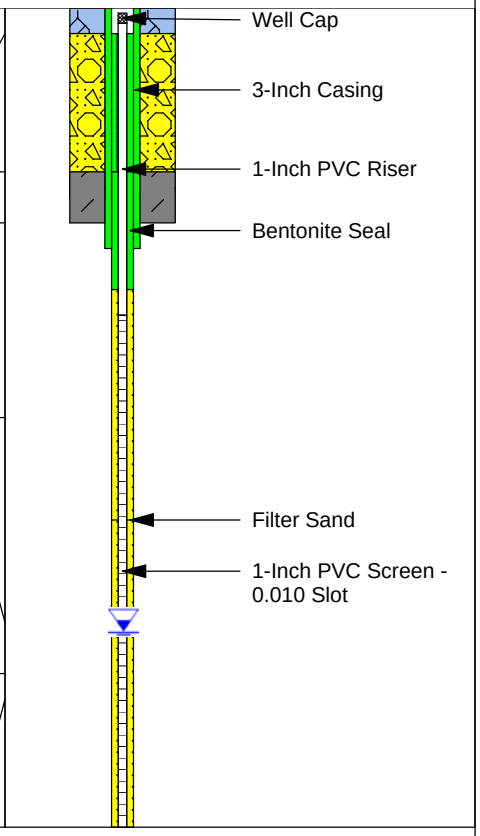
Monitoring Well: SSIPZ03

Project: Sub-Station I Investigation

Client:	Carrier Corporation	**Start Date:**	10/15/2013	**Northing:**	632060.9462
Location:	Carrier Syracuse	**End Date:**	10/15/2013	**Easting:**	1123736.632
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.42
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	16

DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)
0	45		Topsoil	0		0-0.5 ft. Topsoil.
			Gravel	0		0.5-3.2 ft. Gravel (DGA), Asphalt, and Gravel (DGA).
			Concrete	0		3.2-4.2 ft. Concrete
			Gravel	0		4.2-8 ft. Gravel (DGA); low recovery.
-5	40			0	1	
				0		
				0		
			ML	0		8-12 ft. Silt: grayish-brown; increasing clay amount to 12 ft.; 3 inches dark gray Silty; at 11.5 ft.; fissile, firm; moist with a septic odor.
-10	35			0		
				5.6		12-13 ft. Sand with some fines: medium brown; medium-grained with some silt; loose; wet (saturated).
			SP			
			SC			13-13.5 ft. Sand and Clay: transition from Sand to Clay.
			CH			
-15	30					13.5-16 ft. Clay: gray; high plasticity; soft; wet (saturated).

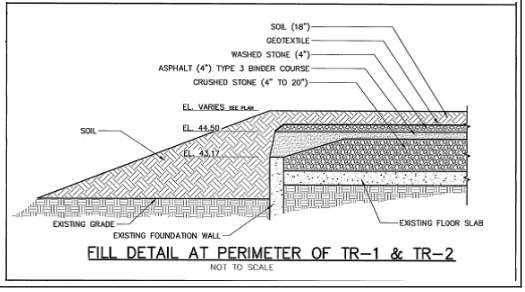
Well Construction



NOTES: Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to piezometer SSIPZ03.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARSSIPZ03S05 collected on October 15, 2013.



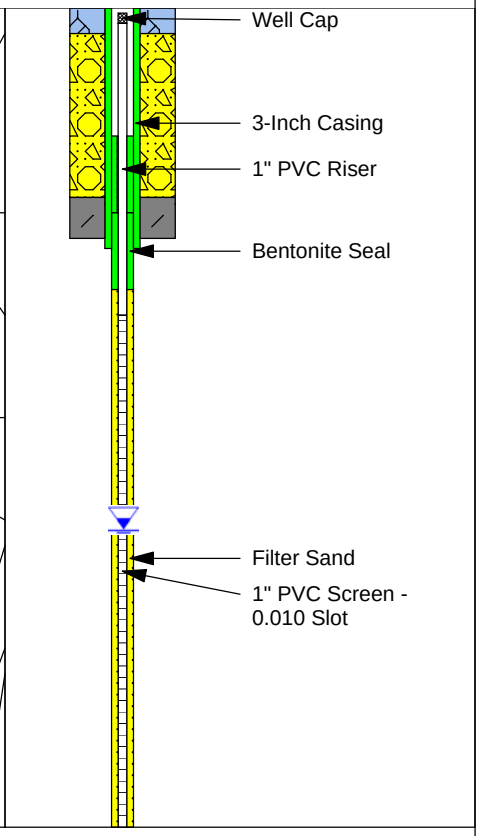
ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: SSIPZ04

Project: Sub-Station I Investigation

Client:	Carrier Corporation	**Start Date:**	10/15/2013	**Northing:**	632179.4679
Location:	Carrier Syracuse	**End Date:**	10/15/2013	**Easting:**	1123766.166
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	45.07
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	16

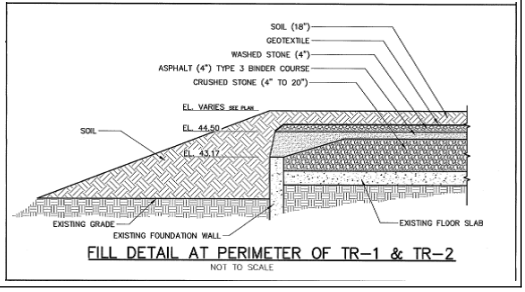
DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)
0	45		~~Topsoil~~ Gravel	0		0-0.5 ft. Topsoil.
				0		0.5-4 ft. Gravel (DGA) and Asphalt.
				0		
				0		
			Gravel	0		4-6 ft. Gravel (DGA).
-5	40			0		
			ML	0		6-8 ft. Clayey Silt with some Gravel: brownish-gray; Clay; medium plasticity; Silt; fissile; firm; Gravel small (<1-inch) sub-angular; moist; slight hydrocarbon odor.
				1.9		
			CL	1.3	1	8-10 ft. Silty Clay: brownish-gray; medium plasticity; soft; slightly moist; strong petroleum odor with free product.
				1.6		
-10	35		~~Gravel~~ SP	0.7		10-10.5 ft. Gravel: medium (>1<2-inch); sub-rounded; wet; free product present.
						10.5-12.5 ft. Sand with some fines: dark gray; well sorted fine- to medium-grained; loose; wet (saturated).
			~~SC~~ CH			12.5-13 ft. Sand and Clay: transition from Sand to Clay.
-15	30					13-16 ft. Clay: gray; high plasticity; soft; wet (saturated); odor diminishing below 13.5 ft.



NOTES: Boring terminated at 16 feet below ground surface (No Refusal).
Boring converted to piezometer SSIPZ04.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

1 = CARSSIPZ04S08 collected on October 15, 2013.



ENSAFE
5724 Summer Trees Drive
Memphis TN 38134

Monitoring Well: SSIPZ05

Project: Sub-Station I Investigation

Client:	Carrier Corporation	**Start Date:**	10/15/2013	**Northing:**	632165.8933
Location:	Carrier Syracuse	**End Date:**	10/15/2013	**Easting:**	1123691.804
Project #:	0888814332	**Drilling Method:**	DPT	**TOC Elevation:**	44.57
Purpose:	Investigation	**Drilling Contractor:**	Parratt-Wolff	**Surface Elevation FT:**	GSE
Well Owner:	Carrier Corporation	**Geologist:**	C. Ellis	**Total Depth FT:**	20

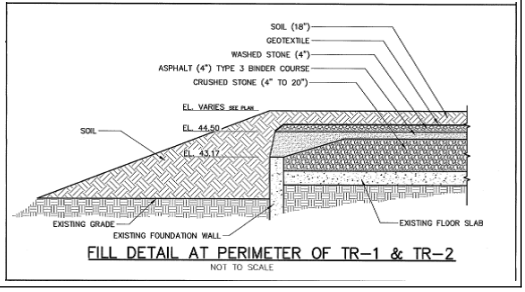
DEPTH BGS	ELEVATION	SYMBOLS	USCS	PID - PPM	Sample ID	Lithologic Description (Visual-Manual Description, ASTM D 2488-06)	Well Construction
0	40		Topsoil	0		0-0.5 ft. Topsoil.	Well Cap
			Gravel	0		0.5-3.9 ft. Gravel (DGA), No recovery.	3-Inch Casing
				0			1-Inch PVC Riser
				0		3.9-4.5 ft. Concrete	
-5			Concrete	0		4.5-8 ft. Gravel (DGA). No recovery	Bentonite Seal
			Gravel	0			
				0			
				1.9			
	35		CH	1.3		8-9.5 ft. Silty Clay.	
				1.6		9.5-10 ft. No Recovery: at 9.5 ft. dark black oily liquid with no observed odor above concrete at 10 ft.	
-10			Concrete	0.7		10-10.5 ft. Concrete	Filter Sand
			CH			10.5-20 ft. No recovery; Assumed high plasticity Clay based on MW28 log.	
	30						1-Inch PVC Screen - 0.010 Slot
-15							
	25						
-20							

NOTES:

Boring terminated at 20 feet below ground surface (No Refusal).
Boring converted to piezometer SSIPZ05.

ft = feet
GSE = Ground surface elevation
TOC = Top of Casing
DPT= Direct Push Technology
DGA = Dense Grade Aggregate

Not sampled due to poor recovery.



Appendix B
Monitoring Well Construction and Potentiometric Data

Summary of Monitoring Well Construction and Potentiometric Measurement Data
Carrier Corporation Thompson Road Facility
Syracuse, New York

Well ID	Area	Boring TD feet bgs	Well TD feet bgs	Well Diameter Inches	Screen Length feet	[A] Top of Casing Elevation feet	[B] Depth to Free Phase Product Below Top of Casing feet	[C)] Depth to water Below Top of Casing feet	[C] - [B] Free Phase Product Thickness feet	[See Note] Groundwater Elevation feet	[B] Depth to Free Phase Product Below Top of Casing feet	[C)] Depth to water Below Top of Casing feet	[C] - [B] Free Phase Product Thickness feet	[See Note] Groundwater Elevation feet	[B] Depth to Free Phase Product Below Top of Casing feet	[C)] Depth to water Below Top of Casing feet	[C] - [B] Free Phase Product Thickness feet	[See Note] Groundwater Elevation feet	[B] Depth to Free Phase Product Below Top of Casing feet	[C)] Depth to water Below Top of Casing feet	[C] - [B] Free Phase Product Thickness feet	[See Note] Groundwater Elevation feet	[B] Depth to Free Phase Product Below Top of Casing feet	[C)] Depth to water Below Top of Casing feet	[C] - [B] Free Phase Product Thickness feet	[See Note] Groundwater Elevation feet
Existing Monitoring Well Network (prior to October 2013)							**Week of 11/1/2013**				**11/9-11/2013**				**11/25-26/2013**				**12/5/2013 (FP Sampling)**				**12/9-10/13**				**12/23-24/2013**			
MW03S	See Site Map	14.32	14.32	2	3 - 13	43.13	---	---	---	---	---	---	---	---	NA	6.52	NA	36.61		---			NA	6.31	NA	36.82	NA	6.53	NA	36.6
MW05R	See Site Map	14.60	14.60	2	4.25 - 14.25	35.4	---	---	---	---	---	---	---	---	NA	3.04	NA	32.36		---			NA	2.83	NA	32.57	NA	2.56	NA	32.84
MW06	See Site Map	16.88	16.88	2	5 - 15	44.8	---	---	---	---	---	---	---	---	NA	11.04	NA	33.76	---	---	---	---	NA	10.82	NA	33.98	NA	10.71	NA	34.09
MW08	See Site Map	14.78	14.78	2	10.00	42.59	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW09	See Site Map	17.20	17.20	2	5 - 15	44.79	---	---	---	---	---	---	---	---	NA	7.34	NA	37.45	---	---	---	---	NA	6.51	NA	38.28	NA	5.79	NA	39
MW10	See Site Map	17.54	17.54	2	7.25-17.25	41.38	---	---	---	---	---	---	---	---	NA	8.48	NA	32.9	---	---	---	---	NA	8.11	NA	33.27	NA	8.02	NA	33.36
MW11	See Site Map	16.00	16.00	2	4 - 16	40.82	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---
MW14	See Site Map	27.06	27.06	2	17 - 27	42.19	---	---	---	---	NA	10.67	NA	31.52	NA	3.45	NA	38.74	---	---	---	---	NA	2.88	NA	39.31	NA	10.06	NA	32.13
MW17	See Site Map	14.99	14.99	2	10 - 15	35.61	---	---	---	---	---	---	---	---	NA	7.89	NA	27.72	---	---	---	---	NA	7.98	NA	27.63	NA	7.34	NA	28.27
MW18	See Site Map	14.50	14.50	2	9.5 - 14.5	36.3	---	---	---	---	---	---	---	---	NA	7.44	NA	28.86	---	---	---	---	NA	7.35	NA	28.95	NA	6.91	NA	29.39
MW19	See Site Map	18.13	18.13	2	8 - 18	43.31	---	---	---	---	NA	8.61	NA	34.7	NA	9.15	NA	34.16	---	---	---	---	NA	8.54	NA	34.77	NA	8.37	NA	34.94
MW20	See Site Map	15.75	15.75	2	5.75 - 15.75	42.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---*	---*	---*	---*
MW21	See Site Map	14.31	14.31	2	4.25 - 14.5	41.11	---	---	---	---	---	---	---	---	NA	11.12	NA	29.99	---	---	---	---	NA	9.76	NA	31.35	NA	8.79	NA	32.32
MW03D	See Site Map	29.62	29.62	2	22 - 27	44.23	---	---	---	---	---	---	---	---	NA	8.19	NA	36.04	---	---	---	---	NA	7.68	NA	36.55	NA	7.82	NA	36.41
MW13D2	See Site Map	55.11	55.11	2	45.09 - 55.09	41.3	---	---	---	---	---	---	---	---	NA	5.94	NA	35.36	---	---	---	---	NA	5.47	NA	35.83	NA	5.42	NA	35.88
MW14D	See Site Map	57.00	57.00	2	37 - 47	42.27	---	---	---	---	NA	3.46	NA	38.81	NA	11.21	NA	31.06	---	---	---	---	NA	10.4	NA	31.87	NA	2.61	NA	39.66
MW16D	See Site Map	45.10	45.10	2	35 - 45	44.72	---	---	---	---	---	---	---	---	NA	5.49	NA	39.23	---	---	---	---	NA	5.25	NA	39.47	NA	4.49	NA	40.23
MW22D	See Site Map	54.60	54.60	2	44.5 - 55.5	45.14	---	---	---	---	---	---	---	---	NA	9.5	NA	35.64	---	---	---	---	NA	8.98	NA	36.16	NA	9.1	NA	36.04
PZWE13	See Site Map	10	10	1	10	Not Surveyed	---	---	---	---	---	---	---	---	NA	6.32	NA	Not Surveyed	---	---	---	---	NA	6.07	NA	Not Surveyed	---	---	---	---
PZWE14	See Site Map	10	10	1	10	Not Surveyed	---	---	---	---	---	---	---	---	NA	6.94	NA	Not Surveyed	---	---	---	---	NA	6.87	NA	Not Surveyed	---	---	---	---
PZWE15	See Site Map	10	10	1	10	Not Surveyed	---	---	---	---	---	---	---	---	NA	5.95	NA	Not Surveyed	---	---	---	---	NA	5.69	NA	Not Surveyed	---	---	---	---
PZWE16	See Site Map	10	10	1	10	Not Surveyed	---	---	---	---	---	---	---	---	NA	6.09	NA	Not Surveyed	---	---	---	---	NA	5.51	NA	Not Surveyed	---	---	---	---
PZSO05	See Site Map	10	10	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	5.55	NA	Not Surveyed	---	---	---	---
B001-01	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	11.24	NA	Not Surveyed	NA	8.28	NA	Not Surveyed
B001-02	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	9.77	NA	Not Surveyed	NA	8.42	NA	Not Surveyed
B001-03	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	6.66	NA	Not Surveyed	NA	6.37	NA	Not Surveyed
B001-04	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	11.07	NA	Not Surveyed	NA	10.38	NA	Not Surveyed
B001-05	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	11.77	NA	Not Surveyed	NA	11.85	NA	Not Surveyed
B001-06	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	NA	5.25	NA	Not Surveyed	NA	4.47	NA	Not Surveyed	---	---	---	---	NA	4.39	NA	Not Surveyed	4.64	4.65	0.01	Not Surveyed
B001-07	Basin 001 / PLR	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	5.51	NA	Not Surveyed	NA	5.45	NA	Not Surveyed
B001-08	Basin 001 / PLR	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	5.89	NA	Not Surveyed	NA	4.09	NA	Not Surveyed
B001-09	Basin 001 / PLR	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	7.98	NA	Not Surveyed	NA	7.2	NA	Not Surveyed
B001-10	Basin 001 / PLR	15	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	7.1	NA	Not Surveyed	NA	7.5	NA	Not Surveyed
B001-11	TR-4 & TR-5	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	7.86	NA	Not Surveyed	---*	---*	---*	---*
B001-12	TR-4 & TR-5	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	8.47	NA	Not Surveyed	---*	---*	---*	---*
B001-13	TR-4 & TR-5	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	10.4	NA	Not Surveyed	NA	10.28	NA	Not Surveyed
B001-14	TR-4 & TR-5	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	7.67	NA	Not Surveyed	---*	---*	---*	---*
B001-15	TR-4 & TR-5	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	10.34	NA	Not Surveyed	NA	10.25	NA	Not Surveyed
B001-16	TR-4 & TR-5	16	14.5	1	10	Not Surveyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA	10.99	NA	Not Surveyed	---*	---*	---*	---*
Wells installed during October 2013 Investigations							**Week of 11/1/2013**				**11/9-11/2013**				**11/25-26/2013**				**12/5/2013 (FP Sampling)**				**12/9-10/13**				**12/23-24/2013**			
MW23	TR-1 Vault	12	18	2	10	42.13	NA	9.7	NA	32.43	NA	8.62	NA	33.51	NA	8.65	NA	33.48	---	---	---	---	NA	8.59	NA	33.54	NA	8.64	NA	33.49
MW24	TR-1 Vault	16	16.8	2	10	43.17	NA	8.87	NA	34.30	NA	8.61	NA	34.56	NA	8.71	NA	34.46	---	---	---	---	NA	8.17	NA	35	NA	8.12	NA	35.05
MW25	TR-1 SSI	16	21	4	15	44.84	7.58	7.85	0.27	37.19	7.26	7.74	0.48	37.45	7.63	9.18	1.55	36.79	7.04	9.14	2.1	37.23	7.15	9.37	2.22	37.09	6.65	9.52	2.87	37.42
MW26	TR-1 SSI	16	21	2	15	45.24	NA	8.58	NA	36.66	NA	8.16	NA	37.08	NA	8.45	NA	36.79	NA	8.01	NA	37.23	NA	8.1	NA	37.14	NA	7.84	NA	37.40
MW27	TR-1 SSI	16	21	2	15	44.78	NA	7.96	NA	36.82	NA	7.45	NA	37.33	NA	7.77	NA	37.01	NA	6.87	NA	37.91	NA	6.88	NA	37.9	---*	---*	---*	---*
MW28	TR-1 SSI	16	21	2	15	44.74	NA	7.35	NA	37.39	NA	7.31	NA	37.43	NA	7.34	NA	37.4	NA	7.16	NA	37.58	NA	7.11	NA	37.63	NA	6.78	NA	37.96
MW29	TR-1 SSI	16	21	4	15	44.78	NA	8.28	NA	36.5	NA	8.02	NA	36.76	NA	8.32	NA	36.46	NA	7.93	NA	36.85	NA	7.97	NA	36.81	NA	7.71	NA	37.07
MW30	TR-1 Degreaser	16	21	4	15	45.67	NA	9.9	NA	35.77	NA	9.78	NA	35.89	NA	9.91	NA	35.76	NA	9.52	NA	36.15	NA	9.47	NA	36.2	NA	9.53	NA	36.14
MW31	TR-1 Degreaser	16	21	2	15	45.05	NA	10.15	NA	34.9	NA	9.91	NA	35.14	9.95	9.96	0.01	35.10	NA	9.36	NA	35.69	NA	9.31	NA	35.74	NA	9.32	NA	35.73
MW32	TR-1 Degreaser	16	21	2	15	45.26	NA	9.09	NA	36.17	NA	8.76	NA	36.5	NA	8.7	NA	36.56	NA	9.59	NA	35.67	NA	8.5	NA	36.76	NA	8.3	NA	36.96
MW33	TR-1 Degreaser	16	21	2	15	45.30	NA	10.48	NA	34.82	NA	10.17	NA	35.13	NA	10.17	NA	35.13	NA	9.33	NA	35.97	NA	9.55	NA	35.75	---*	---*	---*	---*
MW34	TR-1 Degreaser	16	21	2	15	45.32	NA	9.78	NA	35.54	NA	9.68	NA	35.64	NA	9.68	NA	35.64	NA	9.28	NA	36.04	NA	9.23	NA	36.09	NA	9.17	NA	36.15
MW35D	TR-1 Degreaser	59	54	2	15	45.92	NA	13.5	NA	32.42	NA	10.71	NA	35.21	NA	11	NA	34.92	NA	10.57	NA	35.35	NA	10.56	NA	35.36	NA	10.36	NA	35.56
MW36	TR-1 Floor Drain	16	21	4	15	46.25	NA	11.08	NA	35.17	NA	11.79	NA	34.46	NA	11.84	NA	34.41	NA	11.52	NA	34.73	NA	11.39	NA	34.86	NA	11.3	NA	34.95
MW37	TR-1 Floor Drain	16	21	2	15	45.33	NA	11.2	NA	34.13	NA	10.97	NA	34.36	NA	11.02	NA	34.31	NA	10.58	NA	34.75	NA	10.58	NA	34.75	---*	---*	---*	---*
MW38	TR-1 Floor Drain	15	15	2	10	43.04	NA	9.39	NA	33.65	NA	9.11	NA	33.93	NA	9.12	NA	33.92	NA	8.75	NA	34.29	NA	8.67	NA	34.37	NA	8.68	NA	34.36
MW39	TR-1 Floor Drain	16	21	2	15	45.46	NA	11.14	NA	34.32	NA	10.87	NA	34.59	NA	10.96	NA	34.5	NA	10.65	NA	34.81	NA	10.51	NA	34.95	NA	10.37	NA	35.09
MW40D	TR-1 Floor Drain	44	44	2	15	42.95	NA	8.52	NA	34.43	NA	8.1	NA	34.85	NA	8.13	NA	34.82	NA	7.73	NA	35.22	NA	7.69	NA	35.26	NA	7.51	NA	35.44
MW41D	PLR	53	53	2	15	42.82	---	---	---	---	NA	2.59	NA	40.23	NA	2.68	NA	40.14	---	---	---	---	NA	2.12	NA	40.7	NA	1.94	NA	40.88
MW42	PLR	20	18.5	2	15	35.16	---	---	---	---	NA	5.98	NA	29.18	NA	6.07	NA	29.09	---	---	---	---	NA	6.08	NA	29.08	NA	6.01	NA	29.15
MW43	PLR	20	20	2	15	43.70	---	---	---	---	NA	12	NA	31.7	NA	12.49	NA	31.21	---	---	---	---	NA	11.67	NA	32.03	NA	11.12	NA	32.58
MW44	PLR	12	20	2	15	43.04	NA	5.81	NA	37.23	NA	5.91	NA	37.13	NA	5.87	NA	37.17	---	---	---	---	NA	6	NA	37.04	NA	5.91	NA	37.13
MW45	PLR	12	15	2	10	42.72	NA	7.18	NA	35.54	NA	7.4	NA	35.32	NA	7.23	NA	35.49	---	---	---	---	NA	7.68	NA	35.04	NA	7.48	NA	35.24
MW46	PLR	12	20	2	15	42.72	NA	7.32	NA	35.4	NA	7.45	NA	35.27	NA	8	NA	34.72	---	---	---	---	NA	7.93	NA	34.79	NA	7.81	NA	34.91
MW47	PLR	17	20	2	15	43.60	---	---	---	---	NA	10.69	NA	32.91	NA	10.83	NA	32.77	---	---	---	---	NA	10.29	NA	33.31	NA	10.33	NA	33.27
MW48	PLR	20	20	2	15	43.92	---	---	---	---	NA	11.45	NA	32.47	NA	11.91	NA	32.01	---	---	---	---	NA	11.41	NA	32.51	NA	11.04	NA	32.88
MW49	PLR	20	19	2	9	46.25	---	---	---	---	NA	10.41	NA	35.84	NA	10.63	NA	35.62	---	---	---	---	NA	10.51	NA	35.74	NA	10.44	NA	35.81
MW50	PLR	20	20	2	15	43.86	---	---	---	---	NA	11.27	NA	32.59	NA	11.21	NA	32.65	---	---	---	---	NA	11.25	NA	32.61	NA	11.1	NA	32.76
FDPZ01	TR-1 Floor Drain	16	21	1	15	45.82	NA	11.76	NA	34.06	NA	11.37	NA	34.45	NA	11.29	NA	34.53	NA	11.05	NA	34.77	NA	10.98	NA	34.84	NA	10.74	NA	35.08
FDPZ02	TR-1 Floor Drain	16	21	1	15	47.04	NA	13.5	NA	33.54	NA	14.34	NA	32.7	NA	13.31	NA	33.73	NA	13.02	NA	34.02	NA	12.98	NA	34.06	---*	---*	---*	---*
FDPZ03	TR-1 Floor Drain	16	16	1	10	45.37	NA	11.31	NA	34.06	NA	10.73	NA	34.64	NA	10.79	NA	34.58	NA	10.52	NA	34.85	NA	10.37	NA	35	NA	10.27	NA	35.1
FDPZ04	TR-1 Floor Drain	16	16	1	10	45.99	NA	11.88	NA	34.11	NA	11.5	NA	34.49	NA	11.38	NA	34.61	NA	10.86	NA	35.13	NA	11.1	NA	34.89	NA	10.98	NA	35.01
DCDPZ01	TR-1 Degreaser	16	21	1	15	45.87	9.71	9.98	0.27	36.09	10.46	10.47	0.01	35.41	7.67	7.7	0.03	38.19	NA	6.92	NA	38.95	NA	7.08	NA	38.79	NA	6.86	NA	39.01
DCDPZ02	TR-1 Degreaser	16	21	1	15	45.59	NA	10.69	NA	34.9	NA	10.23	NA	35.36	NA	10.07	NA	35.52	NA	9.88	NA	35.71	NA	9.84	NA	35.75	NA	9.68	NA	35.91
DCDPZ03	TR-1 Degreaser	16	14	1	8	45.82	NA	10.31	NA	35.51	NA	10.04	NA	35.78	NA	10.1	NA	35.72	NA	9.77	NA	36.05	NA	9.84	NA	35.98	NA	9.71	NA	36.11
DCDPZ04	TR-1 Degreaser	16	16	1	10	45.95	10.69	10.92	0.23	35.20	10.52	10.64	0.12	35.40	10.59	10.72	0.13	35.32	10.04	10.2	0.16	35.87	10.04	10.21	0.17	35.86	10.05	10.11	0.06	35.88
SSIPZ01	TR-1 SSI	16	18	1	10	45.04	NA	8.63	NA	36.41	NA	8.08	NA	36.96	NA	8.38	NA	36.66	NA	7.93	NA	37.11	NA	8.04	NA	37	NA	7.92	NA	37.12
SSIPZ02	TR-1 SSI	16	16	1	10	45.00	8.04	8.12	0.08	36.94	NA	7.4	NA	37.6	NA	6.27	NA	38.73	NA	7.42	NA	37.58	NA	7.42	NA	37.58	NA	7.19	NA	37.81
SSIPZ03	TR-1 SSI	16	16	1	10	45.42	NA	8.71	NA	36.71	NA	8.56	NA	36.86	NA	8.78	NA	36.64	NA	8.5	NA	36.92	NA	8.55	NA	36.87	NA	7.56	NA	37.86
SSIPZ04	TR-1 SSI	16	16	1	10	45.07	NA	8.37	NA	36.7	7.79	10.39	2.6	36.58	8.26	10.16	1.9	36.30	7.75	10.48	2.73	36.58	7.87	7.88	0.01	37.20	7.4	10.64	3.24	36.80
SSIPZ05	TR-1 SSI	21	21	1	15	44.57	NA	5.32	NA	39.25	NA	4.6	NA	39.97	---	---	---	---	NA	5.44	NA	39.13	NA	5.31	NA	39.26	---*	---*	---*	---*
PLRPZ001	PLR	12	20	1	15	Not Surveyed	---	---	---	---	NA	5.23	NA	Not Surveyed	NA	6.92	NA	Not Surveyed	---	---	---	---	NA	6.52	NA	Not Surveyed	6.32	6.33	0.01	Not Surveyed
PLRPZ002	PLR	12	20	1	15	Not Surveyed	---	---	---	---	NA	7.05	NA	Not Surveyed	NA	8.32	NA	Not Surveyed	---	---	---	---	NA	8.07	NA	Not Surveyed	NA	8.46	NA	Not Surveyed

= Free Product observed during event
Specific Gravity [S.G.] of Hydrocarbons = 0.73
Note: Groundwater Elevation = [A] - [C] + (S.G.[C - B])
TD = Total Depth
bgs = below ground surface
--- Not measured
* Not accessible due to snow and/or ice
NA = Not Applicable
SSI = Sub-Station I
PLR = Parking Lot R

ENSAFE

Appendix C
Monitoring Well Purging Record Forms

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

MW30 SAMPLING 11/7/13

DATE: 11/7/13	JOB NUMBER: 08B381433	PHASE:	TASK:
PROJECT: UTC CARRIER	EVENT:		
WELL ID: MW30	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: RAIN	AMBIENT TEMP: 40°		
REVIEWED BY:	PERSONNEL: ~~BRYAN BRISTER~~ M. SPINA		

WELL DIA:	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: FINISH:
DEPTH TO WATER from TOC (ft.): 9.90	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1015 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs PESTS PCB's BNAs METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description:

Time (hh:mm):	1040	10:50	1100	1110	1120	1130	1140					
pH (s.u.):	7.06	7.05	7.05	7.05	7.04	7.03	7.03					
Conductivity (mS/cm):	1.62	1.62	1.62	1.61	1.61	1.61	1.61					
Turbidity (NTU):	274	147	112	90.0	76.2	72.5	70.5					
DO (mg/L):	0.00	0.00	0.00	6.00	0.00	6.00	0.00					
Temperature (C°):	14.73	14.69	14.87	14.79	MSS	14.62	14.58					
ORP (mV):	-26	-29	-33	-42	-49	-49	-50					
Volume Purged (gal):	.15	.5	.90	1.10	1.5	2.0	2.20					
Depth to Water (ft):	9.92	9.98	10.21	10.30	10.55	10.55	10.70					

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☐ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW30G20131107	11/7/13	1150	18		

Purging/Sampling Device Decon Process:

COMMENTS:

Purge water placed in drum#

MW31
SAMPLING/RESAMPLING
11/5/13
10/26/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM PG (1/3)

DATE: 10/26/13	JOB NUMBER: 088881433'2	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
ID: MW-31	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Overcast	AMBIENT TEMP: ↑40's		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 10.15	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1400 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, BNAs, PESTs, PCBs, Metals, DRO Fingerprint (8015)

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1429	1434	1439	1444	1449	1454	1459	1504	1509	1514	1553	1558
pH (s.u.):	7.01	7.05	7.05	6.91	6.90	6.90	6.89	6.89	6.88	6.88	6.89	6.90
Conductivity (mS/cm):	1.05	1.05	1.05	1.75	1.75	1.71	1.70	1.66	1.61	1.59	1.51	1.49
Turbidity (NTU):	0.0	184	0.0	999	879	760	739	758	691	761	329	276
DO (mg/L):	2.03	0.07	0.00	6.94	5.31	3.46	3.27	2.71	1.80	1.35	0.00	0.00
Temperature (C°):	14.44	14.90	15.13	17.24	16.22	16.71	16.49	16.36	16.12	16.13	14.75	14.96
ORP (mV):	-35	-42	-45	-29	-40	-46	-49	-51	-49	-49	-42	-46
Volume Purged (gal):	0.85	1.00	1.15	1.30	1.45	1.60	1.75	1.90	2.05	2.20	2.60	2.75
Depth to Water (ft):	13.09	13.30	13.52	13.80	14.10	14.37	14.45	14.55	14.63	14.72	13.10	13.20

Meter Type: HORIBA

Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW31G20131027	10/27/2013	1141	12	0	
CARMW31H20131027	10/27/2013	1141	10	0	Duplicate

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: Water starting out very turbid due to installing 1/4" tubing and trying to verify bottom of well prior to purging. 1423: Water clearing up nicely... connect Horiba. Water fairly clear/cloudy but definately not 0 ONTU. Tyler is bringing me other Horiba. 1441: Switch Horibas.

Purge water placed in drum#_____

MW 31 SAMPLING 10/27/13 & 11/6/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg (2/3)

DATE: 10/27/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-31	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Mostly Cloudy	AMBIENT TEMP: 45°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH: /
DEPTH TO WATER from TOC (ft.): 10.17	VOLUME PURGED (gal): /
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1056 (11/5-1') FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: Voc, PCB, BNA, PEST, METALS, DRO Fingerprint (8015)

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1111	1116	1121	1126	1131	1136	R	1435	1450	1500	1510	1520
pH (S.U.):	6.87	6.86	6.86	6.87	6.88	6.89	E	6.94	6.96	6.97	6.97	6.97
Conductivity (mS/cm):	1.48	1.49	1.57	1.58	1.57	1.57	S	1.86	1.81	1.81	1.80	1.78
Turbidity (NTU):	45.4	39.5	61.4	91.5	58.2	50.5	U	73.0	88.4	77.3	71.1	67.2
DO (mg/L):	1.08	0.00	0.00	0.00	0.00	0.00	M	0.00	0.00	0.00	0.00	0.00
Temperature (C°):	19.36	17.95	17.27	16.32	15.78	15.45	P	17.24	17.14	17.00	16.81	16.84
ORP (mV):	17	1	1	4	3	2	L	-51	-32	-33	-32	-35
Volume Purged (gal):	0.45	0.60	0.70	0.80	0.90	1.00	E	.25	1.0	1.25	1.5	1.75
Depth to Water (ft):	11.01	11.55	11.98	12.26	12.48	12.76	11/5/13	10.42	10.98	11.02	12.45	12.04
							DTW 10.10					

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW31G20131027	10/27/2013	1141	12	0	
CARMW31H20131027	10/27/2013	1141	10	0	Duplicate

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: 1116: Choke back flow via inline shutoff valve on discharge side of Horiba. Pump will not turn down enough so I installed a shutoff valve.
1122: Choke back flow more. Petroleum Odor

Purge water placed in drum#_____

ENSAFE

MW 31 SAMPLING 10/27/13 & 11/5/13

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg (3/3)

DATE: 10/27/13 11/05/13 Resampling	JOB NUMBER: 083881433	PHASE:	TASK:
PROJECT: UTC CARRIER	EVENT:		
WELL ID: MW-31	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS:	AMBIENT TEMP:		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA:	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.):	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: / FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS:

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT / SAMPLING ☐ Bailer ☒ Pump Description:

Time (hh:mm):	1530	1540											
pH:	6.97	6.98											
Conductivity (mS/cm):	1.77	1.72											
Turbidity (NTU):	65.8	76.5											
DO (mg/L):	0.00	0.00											
Temperature (C°):	16.53	16.64											
ORP (mV):	-33	-30											
Volume Purged (gal):	20	215											
Depth to Water (ft):	12.28												

Meter Type: HORIBA

Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW31G20131105	11/05/2013	1555	4	0	
CARMW31H20131105		1555	4		

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

MW32 SAMPLING 10/25/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/25/13	JOB NUMBER: 0888814332	PHASE: PH02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-32	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Mostly cloudy	AMBIENT TEMP: 46°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH: /
DEPTH TO WATER from TOC (ft.): 9.09'	VOLUME PURGED (gal): /
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 15.38 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, BNAs, PESTs, PCBs, METALs

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L	/	mg/L
SULFIDE	mg/L	ALKALINITY	mg/L	/	mg/L
SULFATE	mg/L	CO_2	mg/L	/	mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1556	1601	1606	1611	1616	1621	1626	1631	1636			
pH (units):	7.23	7.22	7.21	7.19	7.19	7.18	7.19	7.18	7.18			
Conductivity (mS/cm):	0.595	0.595	0.597	0.600	0.601	0.603	0.606	0.607	0.607			
Turbidity (NTU):	38.1	41.3	22.7	15.2	10.5	8.0	7.1	5.2	4.3			
DO (mg/L):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Temperature (C°):	15.93	15.55	15.19	15.06	15.30	15.19	15.69	15.31	15.24			
ORP (mV):	55	50	40	31	26	20	8	6	4			
Volume Purged (gal):	0.55	0.90	0.85	0.90	1.05	1.20	1.35	1.50	1.60			
Depth to Water (ft):	10.58	10.64	10.80	10.87	10.99	11.11	11.18	11.21	11.25			

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW32G20131025	10/25/2013	1641	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

MW33 SAMPLING 10/26/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/26/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-33	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Overcast, Gusty Winds	AMBIENT TEMP: 45°F feels like 38°		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 10.48	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1103 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, PESTS, BNAs, PCBs, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L	/	mg/L
SULFIDE	mg/L	ALKALINITY	mg/L	/	mg/L
SULFATE	mg/L	CO_2	mg/L	/	mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1137	1142	1147	1152	1157							
pH (units):	7.01	6.96	7.03	7.00	7.02							
Conductivity (mS/cm):	0.724	0.713	0.703	0.693	0.697							
Turbidity (NTU):	0.0	0.0	0.0	0.0	0.0							
DO (mg/L):	1.78	0.39	0.00	0.00	0.00							
Temperature (C°):	14.29	14.20	14.14	14.12	14.							
ORP (mV):	-55	-54	-58	-56	-60							
Volume Purged (gal):	1.30	1.45	1.55	1.70	1.95							
Depth to Water (ft):	14.53	14.63	14.78	14.81	14.93							
Meter Type:	HORIBA								Well Goes Dry While Purging ☐			

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW33G20131026	10/26/2013	1202	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: Horiba giving Crazy readings... Water "visually" clear / slightly cloudy.

Purge water placed in drum#_____

MW34 Sampling 10/24/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/22/13	JOB NUMBER: 088881433a	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
W ID: MW-34	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: 50° CLOUDY	AMBIENT TEMP: 50°		
REVIEWED BY:	PERSONNEL: ~~BRYAN BRISTER~~ / MIKE SPINA		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 9.78	VOLUME PURGED (gal): /
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1400 FINISH: 1645
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal): 5.0 GAL
	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1415	1440	1450	1525	1535	1545	1555	1605	1615	1630		
pH (units):	6.91	6.93	6.82	6.80	6.83	6.85	6.81	6.79	6.80	6.98		
Conductivity (mS/cm):	1.53	1.55	1.53	1.53	1.52	1.56	1.57	1.56	1.55	1.50		
Turbidity (NTU):	375	260	211	160	152	135	129	127	121	100		
DO (mg/L):	1.55	2.64	1.34	0.10	0.0	10.1	11.3	6.6	7.2	0.0		
Temperature (C°):	17.56	17.25	17.24	16.10	16.19	15.85	15.87	15.63	15.36	15.19		
ORP (mV):	-25	-28	-46	-29	-29	3	5	8	6	-2		
Volume Purged (gal):												
Depth to Water (ft):												

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW34G20131024	10/24/2013	08:15	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: TURBIDITY HIGH AND VERY SLOW TO CLEAR UP. DO AND ORP ALSO UNSTABLE, WILL LET WELL SETTLE OUT AND SAMPLE IN AM (10/23-13) PER J. MATTHEWS.

Purge water placed in drum#_____

MW35D SAMPLING 10/28/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg 1/2

DATE: 10/28/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-35D	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Partly Sunny	AMBIENT TEMP: 48°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 13.50	VOLUME PURGED (gal): /
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1602 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALs

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L	/	mg/L
SULFIDE	mg/L	ALKALINITY	mg/L	/	mg/L
SULFATE	mg/L	CO_2	mg/L	/	mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1615	1620	1625	1630	1635	1640	1645	1650	1655	1700	R	1615
pH (units):	7.43	7.46	7.47	7.48	7.49	7.49	7.48	7.47	7.46	7.45	E	7.16
Conductivity (mS/cm):	1.47	1.48	1.49	1.50	1.54	1.55	1.57	1.59	1.60	1.61	S	1.08
Turbidity (NTU):	160	118	90.7	53.2	28.1	24.7	23.1	19.1	17.5	16.3	A	46.1
DO (mg/L):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	M	0.00
Temperature (C°):	16.10	15.95	15.77	15.58	15.37	15.39	15.21	15.09	15.27	15.32	P	17.70
ORP (mV):	67	41	22	0	-24	-32	-40	-46	-50	-52	L	92
Volume Purged (gal):	0.90	1.05	1.25	1.40	1.55	1.70	1.85	2.00	2.15	2.30	E	
Depth to Water (ft):	13.54	13.54	13.54	13.54	13.54	13.54	13.54	13.54	13.54	13.54	11/4/13	13.35
										DTW 13.35		
Meter Type:	HORIBA										Well Goes Dry While Purging ☐	

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW35DG20131028	10/28/2013	1705	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

ENSAFE

SAMPLING

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg 2/2 11/5/13

DATE: 10/ /13	JOB NUMBER: 088881433	PHASE:	TASK:
PROJECT: UTC CARRIER	EVENT:		
ID: MW350	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS:	AMBIENT TEMP:		
REVIEWED BY:	PERSONNEL: ~~BRYAN BRISTER~~ M. SPINA		

WELL DIA:	~~WELL DEVELOPMENT~~
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.):	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: / FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS:

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT / SAMPLING ☐ Bailer ☒ Pump Description:

Time (hh:mm):	1325	1330	1335	1340	1345	1350	1355	1405	1415	1425	1435	1445
pH (s.u.):	7.65	7.65	7.66	7.69	7.72	7.83	7.79	7.75	7.73	7.67	7.64	7.62
Conductivity (mS/cm):	0.912	0.911	0.913	0.918	0.921	1.09	1.33	1.39	1.42	1.45	1.48	1.50
Turbidity (NTU):	60.2	53.2	58.8	57.6	46.8	56.5	61.6	51.4	29.9	20.8	7.2	9.8
DO (mg/L):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (C°):	16.82	16.83	16.86	17.19	17.31	17.50	17.4	17.28	17.09	16.81	16.55	16.46
ORP (mV):	48	35	30	21	8	-10	-72	-121	-137	-132	-125	-119
Volume Purged (gal):	.5	.75	90	1.0	1.25	1.5	1.7	2.0	2.25	2.5	3.0	3.5
Depth to Water (ft):	13.35	13.35	13.35	13.35	13.35	13.35	13.35	13.35	13.35	13.35	13.35	13.35

Meter Type: HORIBA — Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW350G20131105	11/5/2013	14:50	2	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

DCDPZ01
SAMPLING
10/27/13 & 11/6/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/26/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: DCDPZ01	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Overcast, Breezy	AMBIENT TEMP: 41°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER 11/6/13 J. Matthew		

WELL DIA: 1"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.): Product H2O	START: FINISH:
DEPTH TO WATER from TOC (ft.): 9.71 9.98	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 08 0755 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal): 11/6 Start ~~0745~~ 0805
11/6/13 W 9.60 - 9.38 = 0.22 ft	ANALYSIS: VOCs, PESTs, BNAs, PCBs, METALS, DRO "Fingerprint"

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	0812	0817	0822	0827	0832		~~0825~~ 0845	~~0850~~	0822	
pH (units):	7.09	7.10	7.09	7.09	7	R	7.21	7.28	6.85	No Reading
Conductivity (mS/cm):	1.18	1.15	1.13	1.12	S	e	0.870	0.870	1.95	DUE
Turbidity (NTU):	794	650	92.1	795	S	S	327	346	7800*	To
DO (mg/L):	0.59	0.00	0.00	0.00	S	m	0.00	0.00	4.28*	Product
Temperature (C°):	13.36	13.61	13.58	13.44	S	8	14.97	14.98	18.96	
ORP (mV):	-2	6	4	3	S	l	-2	-7	30	
Volume Purged (gal):	0.50	0.70	0.90	1.00	S	e	0.25	0.35	0.35	
Depth to Water (ft):	12.05	13.96	15.22	16.26	S	11/6/13	~~9.52~~			
						JM	N.D	1.40	—	
								fm		

Meter Type: HORIBA ☒ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARDCDPZ01G20131027	10/27/2013	0915	12	0	Extra volume for DRO Finger Print (8015)
CARDCDPZ01G20131106	11/6/13	0915	4		PCB/Silica Gel sample

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: 0823: Pump @ its lowest speed... Well on track to run dry. Sheen/odor
0831: well running dry. Pulling up duplets of Product that was floating on top of water column. Drop tube to bottom and evacuate well. 0835: well dry.
10-27-13: 0910 W.L. @ 10.05' no product detected with probe. Visual sheen/odor

Purge water placed in drum#_____

11/6 well going dry pumping product & water shut pump down @ 0825 fm

ENSAFE

DCDPZ02 Sampling

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM 10/30 & 11/6/13

DATE: 10/30/13	JOB NUMBER: 0868814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
ID: DCD-PZ-02	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Overcast	AMBIENT TEMP: 39°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER 11/6/13 JM Matthews		

WELL DIA: 1"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 10.69	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 0955 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
11/6/13 W 10.45	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALs

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	0830	0835	0840	0845	0850	0855	0900	0905
pH (s.u.):	7.05	7.05	7.05	7.05	7.05	7.05	7.06	7.06
Conductivity (mS/cm):	0.903	0.876	0.867	0.866	0.874	0.870	0.866	0.863
Turbidity (NTU):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DO (mg/L):	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (C°):	13.02	13.91	14.48	14.59	14.26	14.40	14.24	14.13
ORP (mV):	-5	-15	-29	-31	-37	-39	-40	-42
Volume Purged (gal):	0.80	0.95	1.10	1.25	1.40	1.55	1.70	1.85
Depth to Water (ft):	11.59	11.62	11.65	11.56	11.54	11.57	11.60	11.58

R	0832	0813	0825					
C	6.85	7.21	7.20					
T	1.85	0.870	0.870					
m	7810	327	346					
D	4.78*	0.00	0.00					
L	5.16	14.77	14.94					
C	30	-2	-7					
T	-0.35	6.2	0.55					
S	12.03	11.1	11.1					
	NM							

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic over

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARDCDPZ02G20131030	10/30/2013	0910	10	0	
CARDCDPZ02G20131106	11/6/13	0850	2	2	PCB Pest sample

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: Water turbid... so turbid that Horiba will not give reading, yet it just displays 0.0. 0940: Sample collected. Drop tubing to bottom, switch pump head to 600RPM side and purge. Bottom of PZ is soft with sediment. 0944: bottom of PZ is solid now. 0954: Stop purging (PZ not dry) 5.00 gal purged.

Purge water placed in drum#

Water will not purge dry Pumped Product/Water mix Pumped 0.85 gal

Resampled. Sheen & Petroleum odor

DCDPZ03 SAMPLING 10/29/13 & 11/5/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/29/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: DCDPZ-03	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Sunny	AMBIENT TEMP: 25°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER 11/5/13 - J. Matthews		

WELL DIA: 1"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.): ~~11.67 D~~	START: FINISH:
DEPTH TO WATER from TOC (ft.): 10.31 ~~10.61 D~~	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.): ~~10.78 W~~	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 0758 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
10.78 - 10.61 ~~0.17 Product~~	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	0816	0821	0826	0831	0836	0841	0846	0851			
pH (s.u.):	6.86	6.88	6.88	6.88	6.89	6.89	6.90	6.90		No	
Conductivity (mS/cm):	0.948	0.871	0.890	0.914	0.928	0.940	0.940	0.943		Readings	
Turbidity (NTU):	79.4	66.7	66.3	67.8	43.7	38.9	36.4	32.1			
DO (mg/L):	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Due to	
Temperature (C°):	22.81	20.50	18.30	17.23	16.49	15.96	15.36	15.12		Observed	
ORP (mV):	-30	-37	-37	-38	-40	-44	-41	-38		Product	
Volume Purged (gal):	0.25	0.40	0.55	0.70	0.80	0.90	1.00	1.10		in well	
Depth to Water (ft):	10.60	10.62	10.64	10.68	10.71	10.70	10.72	10.73			

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARDCDPZ03G20131029	10/29/2013	0856	10	0	
CARDCDPZ03G20131105	11/5/13	1330	2	N	PCB Resample

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: Light Petroleum odor.

11/5/13 - PCB Resample Heavy Petroleum odor - Visable product measured @ ~~0.17 ft~~ NA but not detected by interface Probe

Purge water placed in drum#_____

DCDPZ04 SAMPLING 10/27/13 & 11/5/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/27/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: Oct. 2013		
WELL ID: DCDPZ-04	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Partly Sunny	AMBIENT TEMP: 10-27-13 = 48°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER 11/5/13 J. MATTHEWS		

WELL DIA: 1"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.): Product H2O	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 10.69 10.92	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.): 11/5/13 ~~10.88~~	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1350 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
11/5/13 ~~DATE~~ W 10.78 - P 10.69 = 0.17 Product	ANALYSIS: VOCs, DNAs, PESTs, PCBs, METALS, DRO-~~FINGERPRINT~~ Fingerprint 8015

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):													
pH:													
Conductivity (mS/cm):	NO												
Turbidity (NTU):													
DO (mg/L):													
Temperature (C°):	Pump												
ORP (mV):													
Volume Purged (gal):													
Depth to Water (ft):													

11/5/13 no readings REF DTW GS well goes dry quickly

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARDCDPZ04G20131027	10/27/2013	1540	12	0	
CARDCDPZ04G20131105	11/5/2013	1~~400~~	2	N	MS/MSD Resample JM

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: 1351: Watery fairly clear. 1352: Pulling of product well going dry... lower tubing approx. 8". 1406: Ran dry. Tubing set on bottom, flow reduced and still ran dry. 0.35 gal purged. Lots of product. Will be unable to take readings on this PZ. Will return later to grab sample.

Purge water placed in drum#_____

Resample 11/5/13 J Matthews MS/MSD Product observed but not measured @ 0.17 ft well goes dry no readings grab sample

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

MW25 SAMPLING 11/6/13

DATE: ~~10/~~ ~~/13~~ 11/6/13	JOB NUMBER: 088881433 2	PHASE: PH02	TASK:
PROJECT: UTC CARRIER	EVENT:		
I.D: MW25	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Clear	AMBIENT TEMP: 60s		
REVIEWED BY:	PERSONNEL: ~~BRYAN BRISTER~~ J Mathews		

WELL DIA: 4 inch	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.): ≈21	START: / FINISH:
DEPTH TO WATER from TOC (ft.): V 7.85 P 7.58	VOLUME PURGED (gal): /
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1025 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
0.27 ft Product	ANALYSIS: VOC, PCB, SVOC, Pest, metals, DRO 8015 4oz, 1L, 250mL, 250mL, 250 Poly Fingerprint (1L)

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L	/	mg/L
SULFIDE	mg/L	ALKALINITY	mg/L	/	mg/L
SULFATE	mg/L	CO_2	mg/L	/	mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description:

Time (hh:mm):	1030	1047	1056	1107	1117								
pH (s):	7.5	7.49	7.49	7.48	7.47								
Conductivity (mS/cm):	0.827	0.832	0.830	0.834	0.837								
Turbidity (NTU):	51.1	50.2	53.2	49.4	46.1								
DO (mg/L):	0.87	0.75	0.67	0.60	0.52								
Temperature (C°):	16.99	17.11	17.16	17.33	17.34								
ORP (mV):	137	66	-10	-35	-52								
Volume Purged (gal):	0.75	0.75	1.5	2.5	2.75								
Depth to Water (ft):	10.85		10.93		10.91	/							

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
C.ARMW25G20131106	~~10/~~ ~~/2013~~ 11/6/13	1	~~10~~ 12	0	add 8015 Fingerprint

Purging/Sampling Device Decon Process: Dedicated Tubing

NOTES: Product present in well, Heavy Sheen on Purge water.

Purge water placed in drum# _____

MW26 SAMPLING 10/24/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/24/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-26 (TR1 Floor Drain)	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: mostly Sunny, Windy	AMBIENT TEMP: 40's		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 8.58	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 0852 / FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, metals, BNAs, PESTs, PCB,

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	0923	0928	0933	0938	0943	0948						
pH (units):	7.62	7.63	7.64	7.67	7.68	7.67						
Conductivity (mS/cm):	0.595	0.577	0.564	0.562	0569	0.571						
Turbidity (NTU):	39.9	26.4	12.9	4.9	4.4	2.2						
DO (mg/L):	0.86	1.02	1.66	1.49	1.10	1.11						
Temperature (C°):	13.91	13.93	14.08	13.94	13.92	14.03						
ORP (mV):	117	110	106	102	97	95						
Volume Purged (gal):	0.80	1.00	1.15	1.30	1.45	1.60						
Depth to Water (ft):	10.32	10.48	10.54	10.61	10.69	10.74						

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW26G20131024	10/24/2013	0953	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

MW27 SAMPLING 10/24/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg (1/2)

DATE: 10/24/13	JOB NUMBER: 088881433.2	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-27 TR-1 (Substation I)	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: mostly sunny, windy	AMBIENT TEMP: 45°F Feels like 37°		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 7.96	VOLUME PURGED (gal): /
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1046 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1055	1100	1105	1110	1115	1120	1125	1130	1135	1140	1145	1150
pH (s.u.):	7.63	7.52	7.49	7.46	7.45	7.44	7.44	7.44	7.44	7.45	7.44	7.45
Conductivity (mS/cm):	0682	0.696	0.702	0.703	0.709	0.709	0.708	0.709	0.706	0.701	0.707	0.703
Turbidity (NTU):	102	72.9	79.0	77.4	82.2	79.3	73.8	70.9	65.9	64.2	65.2	60.3
DO (mg/L):	8.32	5.95	5.41	4.51	4.08	3.73	3.30	2.85	2.82	2.18	2.41	2.26
Temperature (C°):	14.42	14.32	14.43	14.40	14.61	15.01	15.16	15.41	15.59	15.53	15.73	16.29
ORP (mV):	85	80	78	75	75	75	75	74	76	75	73	71
Volume Purged (gal):	0.45	0.60	0.70	0.80	0.90	1.05	1.20	1.30	1.40	1.50	1.60	1.75
Depth to Water (ft):	9.53	9.78	9.78	9.84	9.96	9.99	10.04	10.09	10.11	10.12	10.20	10.27

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW27G[redacted]20131024	10/24/2013	1215	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: 1101: Turn pump down slightly

Purge water placed in drum#_____

MW27 SAMPLING 10/24/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM PG(2/2)

DATE: 10/24/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
W ID: MW-27	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: mostly Sunny, Windy	AMBIENT TEMP: 46°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"		
TOTAL DEPTH from TOC (ft.):	START:	FINISH:
DEPTH TO WATER from TOC (ft.): SEE PAGE #1	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START:	FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):	
	ANALYSIS: SEE PAGE #1	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1155	1200	1205	1210									
pH (units):	7.46	7.47	7.47	7.49									
Conductivity (mS/cm):	0.701	0.697	0.693	0.688									
Turbidity (NTU):	58.3	57.0	56.0	54.2									
DO (mg/L):	2.24	2.17	2.10	2.07									
Temperature (C°):	16.43	16.53	16.62	16.54									
ORP (mV):	71	71	72	76									
Volume Purged (gal):	1.90	2.00	2.15	2.25									
Depth to Water (ft):	10.30	10.32	10.38	10.45									

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW27G20131024	10/24/2013	1215	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

MW 28 SAMPLING 10/23/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM (Pg 1 of 2)

DATE: 10/23/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-28 Sub-Slab	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Cloudy, Breezy	AMBIENT TEMP: 48°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	GROUNDWATER DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 7.35	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1506 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOC, metals, BNA, PEST, PCBs

MNA FIELD RESULTS

FERROUS IRON mg/L	CHLORIDE mg/L	mg/L
SULFIDE mg/L	ALKALINITY mg/L	mg/L
SULFATE mg/L	CO_2 mg/L	mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1515	1520	1525	1530	1535	1540	1545	1550	1600	1610	1620	1630
pH (units):	7.43	7.32	7.28	7.24	7.21	7.23	7.23	7.22	7.22	7.23	7.24	7.19
Conductivity (mS/cm):	0.473	0.465	0.460	0.459	0.455	0.456	0.458	0.455	0.460	0.464	0.458	0.463
Turbidity (NTU):	244	238	209	334	499	314	288	202	197	169	120	86.1
DO (mg/L):	6.84	6.63	5.74	5.74	5.08	3.35	4.86	4.31	2.92	2.82	1.59	2.12
Temperature (C°):	18.45	18.00	17.52	17.16	16.60	16.28	15.96	15.52	15.12	14.78	14.45	13.96
ORP (mV):	111	113	112	112	113	112	112	112	112	110	112	113
Volume Purged (gal):	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.05	1.15	1.30	1.45
Depth to Water (ft):	8.63	8.92	9.10	9.17	9.23	9.30	9.35	9.37	9.58	9.69	9.66	9.79

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW28G20131023	10/23/2013	1715	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: High D.O. & Turbidy due to recent (yesterday) development.

Purge water placed in drum#_____

MW28 SAMPLING 10/23/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM (PG 1 of 2)

DATE: 10/23/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: MW-28	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Cloudy, Breezy	AMBIENT TEMP: 48°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 2"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.):	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1506 / FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1640	1650	1700	1710									
pH (units):	7.24	7.25	7.25	7.25									
Conductivity (mS/cm):	0.468	0.471	0.471	0.471									
Turbidity (NTU):	51.5	52.4	38.5	39.6									
DO (mg/L):	1.32	1.91	0.02	0.41									
Temperature (C°):	14.36	14.11	13.72	13.51									
ORP (mV):	110	110	111	112									
Volume Purged (gal):	1.60	1.75	1.90	2.05									
Depth to Water (ft):	9.97	9.96	9.92	9.94									

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARMW28G20131023	10/23/2013	1715	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

MW29 SAMPLING 11/7/13

DATE: ~~10/~~ 7/13 11/7/13	JOB NUMBER: 088881433 2	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: Oct Nov 2013		
ID: MW29	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Light Rain	AMBIENT TEMP: 40s		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER J. MATTHEWS		

WELL DIA: 4-inch	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.): ~~8.28~~ 21.81	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 8.29	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 0834 / 0936 FINISH: 0950 / 1030
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
N/O Product noted	ANALYSIS: VOC, PCB (1L), Pest (250 mL), SVOC (250 mL) metal (250 poly)

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description:

Time (hh:mm):	0856	0906	0915	0925	0934								
pH:	9.49	8.51	8.53	8.50	8.51								
Conductivity (mS/cm):	1.62	1.64	1.64	1.64	1.64								
Turbidity (NTU):	5.3	1.9	1.0	0.0	0.4								
DO (mg/L):	1.33	1.01	0.78	0.49	0.5								
Temperature (C°):	15.98	16.16	16.49	16.35	16.14								
ORP (mV):	78	51	31	16	15								
Volume Purged (gal):	1.0	1.5	2.0	2.75	3.0								
Depth to Water (ft):	8.90	8.90	8.90	8.90	8.30								

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
E.A.R.mw29G20131107	~~10/~~ 7/2013 11/7/13	1030	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: well clear - low flow excellent.

Purge water placed in drum#

SSIPZ01
SAMPLING
10/26/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg(1/2)

DATE: 10/25/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: SSIPZ01 (TR-1 Substation I)	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: mostly Cloudy	AMBIENT TEMP: 39°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 1"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 8.63	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 0843 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOC, PEST, PCB, BNA, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	0856	0901	0906	0911	0916	0921	0926	0936	0946	0956	1006	1016
pH (units):	7.43	7.31	7.31	7.32	7.30	7.29	7.27	7.26	7.27	7.24	7.27	7.29
Conductivity (mS/cm):	1.04	1.07	1.06	1.02	1.02	1.02	1.04	1.02	1.02	1.02	1.04	0.991
Turbidity (NTU):	0.0	432	963	>1000	>1000	963	924	805	695	563	467	766
DO (mg/L):	9.53	7.03	2.93	0.00	0.00	1.44	1.48	0.00	0.00	0.00	0.00	19.70
Temperature (C°):	10.93	11.38	11.63	11.90	11.91	11.86	11.85	11.86	11.82	12.12	12.98	14.08
ORP (mV):	13	-17	-21	-25	-30	-30	-30	-38	-41	-38	-41	-15
Volume Purged (gal):	0.45	0.60	0.75	0.85	0.95	1.05	1.15	1.40	1.65	1.90	2.15	2.40
Depth to Water (ft):	12.20	12.20	12.09	11.06	10.62	10.59	11.60	11.41	11.60	11.73	11.81	11.90

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARSSIPZ01G20131025	10/26/2013	0906	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: 0902: Turn pump down slightly.
0925: Turn pump up slightly to prevent pump from stopping.
1016: Turn pump down slightly

Purge water placed in drum#_____

SS1PZ01 SAMPLING 10/26/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM Pg (2/2)

DATE: 10/25/13	JOB NUMBER: 088881433 2	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: SS1PZ01 (TR-1 Substation I)	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Mostly Cloudy, Breezy	AMBIENT TEMP: 41°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 1"	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.):	START: / FINISH:
DEPTH TO WATER from TOC (ft.):	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 0843 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
	ANALYSIS: VOCs PEST., BNAs, PCB, METALS

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L	/	mg/L
SULFIDE	mg/L	ALKALINITY	mg/L	/	mg/L
SULFATE	mg/L	CO_2	mg/L	/	mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1026	1036	1046	1056	1106							
pH (units):	7.25	7.23	7.21	7.25	7.26							
Conductivity (mS/cm):	0.967	0.982	0.969	0.982	0.978							
Turbidity (NTU):	0.0	0.0	0.0	0.0	0.0							
DO (mg/L):	0.00	0.00	0.00	0.00	0.00							
Temperature (C°):	13.76	13.49	14.11	14.50	14.18							
ORP (mV):	-22	-38	-32	-25	-37							
Volume Purged (gal):	3.00	3.20	3.45	3.90	3.90							
Depth to Water (ft):	11.26	11.28	11.83	11.51	11.56							

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARSSIPZ01G20131025	10/26/2013	~~NOT~~ 0906	10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: NOTE: @ 1026 got reading of 0.0NTU and this is wrong, water visually turbid.
1037: Pump stopped... turn pump up slightly.
1046: Turn pump down slightly.
1057: Water still turbid but don't foresee it improving so will sample.
1115: Drop tubing to bottom & pump dry.

Purge water placed in drum#

* Too turbid to sample, let well set and settle overnight... will collect tomorrow

SSIPZ02 SAMPLING 10/24/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/24/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: SSIPZ02	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: mostly Cloudy	AMBIENT TEMP: 45°F		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER		

WELL DIA: 1"			
TOTAL DEPTH from TOC (ft.): Product / H2O	START:	FINISH:	
DEPTH TO WATER from TOC (ft.): 8.04 / 8.12	VOLUME PURGED (gal):		
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING		
1 VOLUME OF WATER (gal):	START: 1602	FINISH:	
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):		
	ANALYSIS: VOCs, PESTs, PCBs, BNAs, METALS, DRO Fingerprint (8015)		

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT / SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1634	1639	1644	1649	1654	1701						
pH (units):	7.54	7.51	7.50	7.47	7.46	7.44						
Conductivity (mS/cm):	0.604	0.601	0.597	0.596	0.597	0.597						
Turbidity (NTU):	52.5	48.2	19.7	19.3	9.6	1.4						
DO (mg/L):	0.00	0.00	0.00	0.00	0.00	0.00						
Temperature (C°):	14.89	14.90	15.24	15.30	15.16	15.12						
ORP (mV):	-181	-182	-180	-179	-179	-178						
Volume Purged (gal):	0.85	1.00	1.20	1.40	1.55	1.70						
Depth to Water (ft):	9.50	9.53	9.61	9.63	9.59	9.60						

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARSSIPZ02G20131024	10/24/2013	1706	12	0	Two additional bottles for DRO Finger-Print

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

SSIPZ03 SAMPLING 10/25/13 & 11/7/13

DATE: 10/25/13 11/7/13 Resample	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
W[illegible]ID: SSIPZ-03	LOCATION: EAST SYRACUSE, NY.		
WE...HER CONDITIONS: Mostly cloudy 10-28-13 Mostly Sunny	AMBIENT TEMP: ↓ 40's / ↑ 40's 10-28-13		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER 11/7/13 JMatthews		

WELL DIA: 1"	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.): 10-25-13 10-28-13	START:	FINISH:
DEPTH TO WATER from TOC (ft.): 9.03 8.71	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START: 10-25-13 1358 10-28-13 1357	FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal): Start 11/7 @ 8:25	
11/7/13 8.58	ANALYSIS: VOCs, PESTs, PCBs, BNA, METALS	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1521	1526	1531	1536		0903	0918	0925	0946			
pH (s.u.):	7.38	7.39	7.39	7.38		7.45	7.45	7.43	7.42			
Conductivity (mS/cm):	1.68	1.67	1.66	1.67		1.48	1.49	1.50	1.51			
Turbidity (NTU): *	0.0	0.0	0.0	0.0		577	479	428	350			
DO (mg/L):	4.24	3.90	3.76	3.40		6.37	6.16	5.83	4.8			
Temperature (C°):	16.48	16.72	16.71	16.80		14.29	14.15	13.97	13.86			
ORP (mV):	120	111	104	97		164	164	156	155			
Volume Purged (gal):	1.25	1.40	1.55	1.70		2.3	2.8	3.3	4.3			
Depth to Water (ft):	10.17	10.23	10.26	10.23		10.50	10.52	10.52	10.52			

Meter Type: HORIBA Well Goes Dry While Purging ☐

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARSSIPZ03G20130928	10/28/2013	1541	10	0	
CARSSIPZ03G20131107	11/7/13	1000	2		Resample PCB

Purging/Sampling Device Decon Process: Dedicated Tubing 11/7 - Did not clean up Turb 2350@ Sampling - Steam & Clean

COMMENTS: 1448: Stop purging. Pump keeps stopping... obtain other pump. 1501: Resume purging with different Peristaltic pump. Water very turbid. 1512: Drop tubing to bottom and purge dry. 1517: Well ran dry. 10-28-13 = 1346: W.L. @ 8.71'. 1357: Begin purging. water very turbid. 1430: It appears this well will low-flow but waiting for water to clear up. 1512: Water refuses to clear up, connect Horiba and go.

Purge water placed in drum#

* 0.0 indicates very high turbidity unmeasurable by Horiba. "Petroleum ODOR"

SSIPZ04
SAMPLING
10/24/13 & 11/5/13

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 10/24/13	JOB NUMBER: 0888814332	PHASE: 02	TASK:
PROJECT: UTC CARRIER	EVENT: October 2013		
WELL ID: SSI PZ04	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Partly Sunny, Windy	AMBIENT TEMP: ↑ 40's		
REVIEWED BY:	PERSONNEL: BRYAN BRISTER 11/5/13 J. Matthews		

WELL DIA: 1"		
TOTAL DEPTH from TOC (ft.):	START: /	FINISH: /
DEPTH TO WATER from TOC (ft.): 8.37	VOLUME PURGED (gal): /	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START: 1407 (11/5-1015)	FINISH: (11/5-1105)
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):	
	ANALYSIS: VOCs, METALS, PESTs, BNAs, PCBs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1418	1423	1428	1433	1438	1443		1028	1033	1039	1047	1105
pH (units):	7.53	7.76	7.75	7.78	7.77	7.79	R	7.24	7.27	7.30	7.32	7.35
Conductivity (mS/cm):	0.631	0.630	0.633	0.663	0.668	0.676	E	1.15	1.13	1.05	1.04	1.04
Turbidity (NTU):	3.4	0.0	0.0	0.0	0.0	0.0	S	28.3	77.8	45.2	3.4	0
DO (mg/L):	0.41	0.00	0.00	0.00	0.00	0.00	U	0.00	0.00	0.00	0.00	0.00
Temperature (C°):	17.49	17.33	17.30	17.29	17.21	17.21	P	15.79	16.04	15.78	15.76	15.76
ORP (mV):	-157	-261	-272	-280	-288	-300	L	-278	-309	-316	-319	-320
Volume Purged (gal):	0.00	1.00	1.25	1.50	1.75	2.00	C	0.2	0.3	0.45	0.5	0.6
Depth to Water (ft):	8.46	8.46	8.46	8.46	8.46	8.46	11/5/13	8.34	8.34	8.35	8.35	8.35

Meter Type: HORIBA ☐ Well Goes Dry While Purging

SAMPLE DATA

☐ Bailer ☒ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARSSIPZ04G20131024	10/24/2013	1448	10	0	
CARSSIPZ04G20131105	11/5/13	1115	2		FB Resample

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: Water has Sheen and sewage odor.
11/5/13 J Matthews - Product in well - Well low Flow ✓
SW

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

SSIP205 SAMPLING 11/6/13

DATE: ~~10/~~ 13 11/6/13	JOB NUMBER: 088881433 2	PHASE: 07	TASK:
PROJECT: UTC CARRIER	EVENT:		
ID: ~~100~~ SSIP205	LOCATION: EAST SYRACUSE, NY.		
WEATHER CONDITIONS: Clear	AMBIENT TEMP: 50s		
REVIEWED BY:	PERSONNEL: ~~BRYAN BRISTER~~ J. Mayhews		

WELL DIA: 1-Inch	WELL DEVELOPMENT
TOTAL DEPTH from TOC (ft.): ≈21	START: / FINISH:
DEPTH TO WATER from TOC (ft.): 5.32 ft	VOLUME PURGED (gal):
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING
1 VOLUME OF WATER (gal):	START: 1030 FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):
no product detect	ANALYSIS: VOC (40ml), PCB (1L), SVOC (250ml) Met (250 ml)

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description:

Time (hh:mm):	1035	1048	1057	1107	1119							
pH:	8.0	7.98	7.98	7.98	7.97							
Conductivity (mS/cm):	0.682	0.683	0.685	0.678	0.680							
Turbidity (NTU):	6.1	2.0	1.6	0.9	1.0							
DO (mg/L):	0.00	0.00	0.00	0.00	0.00							
Temperature (C°):	15.76	15.73	15.71	15.86	15.84							
ORP (mV):	-170	-173	-175	-179	-177							
Volume Purged (gal):	0.2	0.6	1.1	2.5	3.2							
Depth to Water (ft):	5.49		5.52	5.51								
Meter Type:	HORIBA								Well Goes Dry While Purging ☐			

SAMPLE DATA

☐ Bailer ☒ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARSSIP205G20131106	~~10/~~ ~~2013~~ 11/6/13		10	0	

Purging/Sampling Device Decon Process: Dedicated Tubing

COMMENTS: Well produces clear odor free water, low flow good

Purge water placed in drum#_____

Appendix D
Laboratory Analytical Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

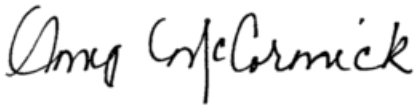
ANALYTICAL REPORT

Job Number: 240-30137-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager I
11/1/2013 3:34 PM

Amy L McCormick, Project Manager I
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11/01/2013

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CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30137-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/11/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.4 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/11/2013 and 10/15/2013 and analyzed on 10/23/2013 and 10/24/2013.

m-Xylene & p-Xylene, Tetrachloroethene, trans-1,2-Dichloroethene and Xylenes, Total were detected in method blank MB 240-105649/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Xylenes, Total failed the recovery criteria low for MRL 240-106848/5.

2-Butanone (MEK) and Trichlorofluoromethane failed the recovery criteria high. Xylenes, Total failed the recovery criteria low for MRL 240-106880/20.

The laboratory control sample (LCS) for batch 106880 recovered outside control limits for 1,1,2-Trichloroethane, 1,2-Dichloropropane, Benzene, Chloroform, cis-1,2-Dichloroethene, and Ethylene Dibromide. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TBK (240-30137-3) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 10/15/2013.

Sample TBK (240-30137-3) submitted for volatiles analysis was received with insufficient preservation (pH >2).

Acetone was detected in method blank MB 240-105630/8 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) for Dichlorodifluoromethane associated with batch 105630 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) for analytical batch 105630 exceeded control criteria for 2-Hexanone. The samples associated with this CCV were non-detects for the affected analytes. A low level CCV, at the reporting limit (MRL), was analyzed and the affected compound was detected; therefore, the data has been reported per the SOP.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/14/2013 and analyzed on 10/21/2013.

Di-n-butyl phthalate was detected in method blank MB 240-105383/23-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-105383/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/14/2013 and analyzed on 10/29/2013.

Tetrachloro-m-xylene failed the surrogate recovery criteria low for MB 240-105390/5-A.

Tetrachloro-m-xylene failed the surrogate recovery criteria high for CARMW39509MS (240-30137-2MS) and CARMW39509MSD (240-30137-2MSD).

The closing continuing calibration verification (CCV) associated with batch 107445 recovered above the upper control limits on the confirmation column. Samples CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The peaks for DDD and Endosulfan II merged on the primary column. Sample CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) were non-detect for the affected analytes on the confirmation column; therefore, the data have been reported. QC data for these analytes in batch 105390 have been reported from the confirmation column.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/17/2013 and analyzed on 10/18/2013.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Sample CARMW39509 (240-30137-2) was analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/17/2013 and analyzed on 10/22/2013.

Barium was detected in method blank MB 240-105998/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Sample CARMW39509 (240-30137-2) was analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/17/2013 and analyzed on 10/24/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples CARMW37509 (240-30137-1) and CARMW39509 (240-30137-2) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/14/2013.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30137-1	**CARMW37509**					
2-Butanone (MEK)		96	J	910	ug/Kg	8260C
cis-1,2-Dichloroethene		100	J	230	ug/Kg	8260C
Styrene		7.2	J	230	ug/Kg	8260C
trans-1,2-Dichloroethene		39	J B	230	ug/Kg	8260C
Trichloroethene		1800		230	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		200	B	79	ug/Kg	8270D
Di-n-butyl phthalate		55	J B	79	ug/Kg	8270D
alpha-BHC		0.98	J	1.9	ug/Kg	8081B
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture
240-30137-2	**CARMW39509**					
cis-1,2-Dichloroethene		1.5	J *	4.0	ug/Kg	8260C
Methylene Chloride		5.5		4.0	ug/Kg	8260C
trans-1,2-Dichloroethene		0.88	J	4.0	ug/Kg	8260C
Trichloroethene		13		4.0	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		86	B	77	ug/Kg	8270D
Di-n-butyl phthalate		75	J B	77	ug/Kg	8270D
Arsenic		1.8		1.4	mg/Kg	6010C
Barium		15	J B	19	mg/Kg	6010C
Chromium		6.3		0.96	mg/Kg	6010C
Lead		2.7		0.96	mg/Kg	6010C
Percent Solids		91		0.10	%	Moisture
Percent Moisture		8.6		0.10	%	Moisture
240-30137-3TB	**TBK**					
Trichloroethene		1.3		1.0	ug/L	8260C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30137-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30137-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Lavey, Tim	TJL1
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Gruber, John	JMG
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Bosworth, Heather M	HMB
SW846 6010C	Counts, Karen	KLC
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Burns, Jill	JMB

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30137-1	CARMW37509	Solid	10/10/2013 1440	10/11/2013 0920
240-30137-2	CARMW39509	Solid	10/10/2013 1545	10/11/2013 0920
240-30137-3TB	TBK	Water	10/10/2013 0000	10/11/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233239.D
Dilution:	1.0			Initial Weight/Volume:	6.114 g
Analysis Date:	10/23/2013 1823			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		19	230
1,1,2,2-Tetrachloroethane		ND		8.1	230
1,1,2-Trichloroethane		ND		11	230
1,1-Dichloroethane		ND		15	230
1,1-Dichloroethene		ND		16	230
1,2,4-Trichlorobenzene		ND		6.7	230
1,2-Dibromo-3-Chloropropane		ND		46	460
1,2-Dichlorobenzene		ND		7.8	230
1,2-Dichloroethane		ND		9.1	230
1,2-Dichloropropane		ND		7.5	230
1,3-Dichlorobenzene		ND		4.4	230
1,4-Dichlorobenzene		ND		7.3	230
2-Butanone (MEK)		96	J	39	910
2-Hexanone		ND		18	910
4-Methyl-2-pentanone (MIBK)		ND		44	910
Acetone		ND		150	910
Benzene		ND		11	230
Bromoform		ND		17	230
Bromomethane		ND		26	230
Carbon disulfide		ND		11	230
Carbon tetrachloride		ND		5.8	230
Chlorobenzene		ND		5.8	230
Chlorodibromomethane		ND		11	230
Chloroethane		ND		56	230
Chloroform		ND		8.0	230
Chloromethane		ND		13	230
cis-1,2-Dichloroethene		100	J	6.3	230
cis-1,3-Dichloropropene		ND		7.2	230
Dichlorodifluoromethane		ND		15	230
Dichlorobromomethane		ND		9.0	230
Ethylbenzene		ND		4.9	230
Isopropylbenzene		ND		5.9	230
Methyl tert-butyl ether		ND		6.5	230
Methylene Chloride		ND		70	230
Styrene		7.2	J	5.1	230
Tetrachloroethene		ND		11	230
Toluene		ND		15	230
trans-1,2-Dichloroethene		39	J B	8.4	230
trans-1,3-Dichloropropene		ND		18	230
Trichloroethene		1800		8.8	230
Trichlorofluoromethane		ND		15	230
Vinyl chloride		ND		16	230
Xylenes, Total		ND		5.7	460
Ethylene Dibromide		ND		9.1	230

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233239.D
Dilution:	1.0			Initial Weight/Volume:	6.114 g
Analysis Date:	10/23/2013 1823			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	103		33 - 134
Dibromofluoromethane (Surr)	101		30 - 122
4-Bromofluorobenzene (Surr)	106		26 - 141
1,2-Dichloroethane-d4 (Surr)	96		39 - 128

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233239.D
Dilution:	1.0			Initial Weight/Volume:	6.114 g
Analysis Date:	10/23/2013 1823			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-105286	Lab File ID:	UX88245.D
Dilution:	1.0			Initial Weight/Volume:	6.802 g
Analysis Date:	10/24/2013 1442			Final Weight/Volume:	5 mL
Prep Date:	10/11/2013 1810				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		ND		5.1	16
Benzene		ND	*	0.18	4.0
Bromoform		ND		0.27	4.0
Bromomethane		ND		0.43	4.0
2-Butanone (MEK)		ND		1.1	16
Carbon disulfide		ND		0.35	4.0
Carbon tetrachloride		ND		0.30	4.0
Chlorobenzene		ND		0.27	4.0
Chlorodibromomethane		ND		0.44	4.0
Chloroethane		ND		0.69	4.0
Chloroform		ND	*	0.23	4.0
Chloromethane		ND		0.33	4.0
cis-1,2-Dichloroethene		1.5	J *	0.29	4.0
cis-1,3-Dichloropropene		ND		0.27	4.0
1,2-Dibromo-3-Chloropropane		ND		1.0	8.0
1,2-Dichlorobenzene		ND		0.29	4.0
1,3-Dichlorobenzene		ND		0.28	4.0
1,4-Dichlorobenzene		ND		0.53	4.0
Dichlorobromomethane		ND		0.23	4.0
Dichlorodifluoromethane		ND		0.40	4.0
1,1-Dichloroethane		ND		0.29	4.0
1,2-Dichloroethane		ND		0.27	4.0
1,1-Dichloroethene		ND		0.42	4.0
1,2-Dichloropropane		ND	*	0.55	4.0
Ethylbenzene		ND		0.21	4.0
Ethylene Dibromide		ND	*	0.40	4.0
2-Hexanone		ND		0.51	16
Isopropylbenzene		ND		0.13	4.0
Methylene Chloride		5.5		0.54	4.0
4-Methyl-2-pentanone (MIBK)		ND		0.43	16
Methyl tert-butyl ether		ND		0.35	4.0
Styrene		ND		0.12	4.0
1,1,2,2-Tetrachloroethane		ND		0.27	4.0
Tetrachloroethene		ND		0.42	4.0
Toluene		ND		0.22	4.0
trans-1,2-Dichloroethene		0.88	J	0.33	4.0
trans-1,3-Dichloropropene		ND		0.43	4.0
1,2,4-Trichlorobenzene		ND		0.22	4.0
1,1,1-Trichloroethane		ND		0.45	4.0
1,1,2-Trichloroethane		ND	*	0.31	4.0
Trichloroethene		13		0.34	4.0
Trichlorofluoromethane		ND		0.27	4.0
Vinyl chloride		ND		0.31	4.0
Xylenes, Total		ND		0.28	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-105286	Lab File ID:	UX88245.D
Dilution:	1.0			Initial Weight/Volume:	6.802 g
Analysis Date:	10/24/2013 1442			Final Weight/Volume:	5 mL
Prep Date:	10/11/2013 1810				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		52 - 136
Dibromofluoromethane (Surr)	92		37 - 132
1,2-Dichloroethane-d4 (Surr)	94		58 - 123
Toluene-d8 (Surr)	91		67 - 125

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-105286	Lab File ID:	UX88245.D
Dilution:	1.0			Initial Weight/Volume:	6.802 g
Analysis Date:	10/24/2013 1442			Final Weight/Volume:	5 mL
Prep Date:	10/11/2013 1810				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **TBK**

Lab Sample ID: 240-30137-3TB Date Sampled: 10/10/2013 0000
Client Matrix: Water Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1020.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1817			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1817				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	1.3		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **TBK**

Lab Sample ID: 240-30137-3TB Date Sampled: 10/10/2013 0000
Client Matrix: Water Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1020.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1817			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1817				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	103		75 - 121
1,2-Dichloroethane-d4 (Surr)	100		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **TBK**

Lab Sample ID: 240-30137-3TB Date Sampled: 10/10/2013 0000
Client Matrix: Water Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1020.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1817			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1817				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021022.D
Dilution:	1.0			Initial Weight/Volume:	29.57 g
Analysis Date:	10/21/2013 1813			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.86	7.5
Acenaphthylene		ND		0.40	7.5
Acetophenone		ND		10	110
Anthracene		ND		0.88	7.5
Benzo[a]anthracene		ND		0.71	7.5
Benzo[a]pyrene		ND		0.72	7.5
Benzo[b]fluoranthene		ND		0.67	7.5
Benzo[g,h,i]perylene		ND		0.40	7.5
Benzo[k]fluoranthene		ND		0.77	7.5
Bis(2-chloroethoxy)methane		ND		25	110
Bis(2-chloroethyl)ether		ND		2.3	110
bis (2-chloroisopropyl) ether		ND		11	110
Bis(2-ethylhexyl) phthalate		200	B	21	79
4-Bromophenyl phenyl ether		ND		15	57
Butyl benzyl phthalate		ND		11	79
Carbazole		ND		31	57
4-Chloroaniline		ND		19	170
4-Chloro-3-methylphenol		ND		24	170
2-Chlorophenol		ND		9.3	57
4-Chlorophenyl phenyl ether		ND		15	57
Chrysene		ND		1.2	7.5
Dibenz(a,h)anthracene		ND		0.75	7.5
Dibenzofuran		ND		0.75	57
3,3'-Dichlorobenzidine		ND		20	110
2,4-Dichlorophenol		ND		23	170
Diethyl phthalate		ND		18	79
2,4-Dimethylphenol		ND		23	170
Dimethyl phthalate		ND		19	79
Di-n-butyl phthalate		55	J B	17	79
4,6-Dinitro-2-methylphenol		ND		10	170
2,4-Dinitrophenol		ND		24	370
2,4-Dinitrotoluene		ND		19	230
2,6-Dinitrotoluene		ND		24	230
Di-n-octyl phthalate		ND		8.9	79
Fluoranthene		ND		0.62	7.5
Fluorene		ND		0.60	7.5
Hexachlorobenzene		ND		2.4	7.5
Hexachlorobutadiene		ND		6.3	57
Hexachlorocyclopentadiene		ND		9.2	370
Hexachloroethane		ND		10	57
Indeno[1,2,3-cd]pyrene		ND		0.40	7.5
Isophorone		ND		15	57
2-Methylnaphthalene		ND		0.57	7.5
2-Methylphenol		ND		12	230
3 & 4 Methylphenol		ND		23	450
Naphthalene		ND		0.93	7.5

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021022.D
Dilution:	1.0			Initial Weight/Volume:	29.57 g
Analysis Date:	10/21/2013 1813			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		10	230
3-Nitroaniline		ND		18	230
4-Nitroaniline		ND		29	230
Nitrobenzene		ND		2.5	110
2-Nitrophenol		ND		9.4	57
4-Nitrophenol		ND		19	370
N-Nitrosodi-n-propylamine		ND		7.1	57
N-Nitrosodiphenylamine		ND		24	57
Pentachlorophenol		ND		10	170
Phenanthrene		ND		0.83	7.5
Phenol		ND		8.3	57
Pyrene		ND		0.50	7.5
2,4,5-Trichlorophenol		ND		28	170
2,4,6-Trichlorophenol		ND		10	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	41		24 - 110
2-Fluorophenol (Surr)	38		24 - 110
Nitrobenzene-d5 (Surr)	35		20 - 110
Phenol-d5 (Surr)	38		26 - 110
Terphenyl-d14 (Surr)	56		36 - 110
2,4,6-Tribromophenol (Surr)	32		10 - 110

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021023.D
Dilution:	1.0			Initial Weight/Volume:	29.99 g
Analysis Date:	10/21/2013 1837			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.83	7.3
Acenaphthylene		ND		0.38	7.3
Acetophenone		ND		10	110
Anthracene		ND		0.85	7.3
Benzo[a]anthracene		ND		0.69	7.3
Benzo[a]pyrene		ND		0.70	7.3
Benzo[b]fluoranthene		ND		0.65	7.3
Benzo[g,h,i]perylene		ND		0.38	7.3
Benzo[k]fluoranthene		ND		0.74	7.3
Bis(2-chloroethoxy)methane		ND		24	110
Bis(2-chloroethyl)ether		ND		2.2	110
bis (2-chloroisopropyl) ether		ND		10	110
Bis(2-ethylhexyl) phthalate		86	B	21	77
4-Bromophenyl phenyl ether		ND		14	55
Butyl benzyl phthalate		ND		11	77
Carbazole		ND		30	55
4-Chloroaniline		ND		19	160
4-Chloro-3-methylphenol		ND		23	160
2-Chlorophenol		ND		9.0	55
4-Chlorophenyl phenyl ether		ND		14	55
Chrysene		ND		1.2	7.3
Dibenz(a,h)anthracene		ND		0.72	7.3
Dibenzofuran		ND		0.72	55
3,3'-Dichlorobenzidine		ND		20	110
2,4-Dichlorophenol		ND		22	160
Diethyl phthalate		ND		18	77
2,4-Dimethylphenol		ND		22	160
Dimethyl phthalate		ND		19	77
Di-n-butyl phthalate		75	J B	16	77
4,6-Dinitro-2-methylphenol		ND		10	160
2,4-Dinitrophenol		ND		23	360
2,4-Dinitrotoluene		ND		19	220
2,6-Dinitrotoluene		ND		23	220
Di-n-octyl phthalate		ND		8.6	77
Fluoranthene		ND		0.60	7.3
Fluorene		ND		0.58	7.3
Hexachlorobenzene		ND		2.3	7.3
Hexachlorobutadiene		ND		6.1	55
Hexachlorocyclopentadiene		ND		8.9	360
Hexachloroethane		ND		9.8	55
Indeno[1,2,3-cd]pyrene		ND		0.38	7.3
Isophorone		ND		14	55
2-Methylnaphthalene		ND		0.55	7.3
2-Methylphenol		ND		12	220
3 & 4 Methylphenol		ND		22	440
Naphthalene		ND		0.90	7.3

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021023.D
Dilution:	1.0			Initial Weight/Volume:	29.99 g
Analysis Date:	10/21/2013 1837			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		10	220
3-Nitroaniline		ND		18	220
4-Nitroaniline		ND		28	220
Nitrobenzene		ND		2.4	110
2-Nitrophenol		ND		9.1	55
4-Nitrophenol		ND		19	360
N-Nitrosodi-n-propylamine		ND		6.9	55
N-Nitrosodiphenylamine		ND		23	55
Pentachlorophenol		ND		10	160
Phenanthrene		ND		0.80	7.3
Phenol		ND		8.0	55
Pyrene		ND		0.48	7.3
2,4,5-Trichlorophenol		ND		27	160
2,4,6-Trichlorophenol		ND		9.7	160

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	75		24 - 110
2-Fluorophenol (Surr)	71		24 - 110
Nitrobenzene-d5 (Surr)	69		20 - 110
Phenol-d5 (Surr)	71		26 - 110
Terphenyl-d14 (Surr)	98		36 - 110
2,4,6-Tribromophenol (Surr)	65		10 - 110

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105390	Initial Weight/Volume:	30.29 g
Dilution:	1.0			Final Weight/Volume:	10.0 mL
Analysis Date:	10/29/2013 0702			Injection Volume:	1 uL
Prep Date:	10/14/2013 0946			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.3	1.9
alpha-BHC		0.98	J	0.81	1.9
alpha-Chlordane		ND		1.0	1.9
beta-BHC		ND		1.2	1.9
4,4'-DDD		ND		0.68	1.9
4,4'-DDE		ND		0.43	1.9
4,4'-DDT		ND		0.70	1.9
delta-BHC		ND		1.3	1.9
Dieldrin		ND		0.52	1.9
Endosulfan I		ND		0.57	1.9
Endosulfan II		ND		0.91	1.9
Endosulfan sulfate		ND		0.96	1.9
Endrin		ND		0.55	1.9
Endrin aldehyde		ND		1.1	1.9
Endrin ketone		ND		0.70	1.9
gamma-BHC (Lindane)		ND		0.82	1.9
gamma-Chlordane		ND		0.46	1.9
Heptachlor		ND		1.2	1.9
Heptachlor epoxide		ND		0.88	1.9
Methoxychlor		ND		1.7	3.6
Toxaphene		ND		21	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		41 - 157
Tetrachloro-m-xylene	79		40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105390	Initial Weight/Volume:	30.29 g
Dilution:	1.0			Final Weight/Volume:	10.0 mL
Analysis Date:	10/29/2013 0702			Injection Volume:	1 uL
Prep Date:	10/14/2013 0946			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		41 - 157
Tetrachloro-m-xylene	94		40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105390	Initial Weight/Volume:	29.95 g
Dilution:	1.0			Final Weight/Volume:	10.0 mL
Analysis Date:	10/29/2013 0722			Injection Volume:	1 uL
Prep Date:	10/14/2013 0946			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.3	1.9
alpha-BHC		ND		0.80	1.9
alpha-Chlordane		ND		1.0	1.9
beta-BHC		ND		1.2	1.9
4,4'-DDD		ND		0.68	1.9
4,4'-DDE		ND		0.43	1.9
4,4'-DDT		ND		0.69	1.9
delta-BHC		ND		1.3	1.9
Dieldrin		ND		0.51	1.9
Endosulfan I		ND		0.57	1.9
Endosulfan II		ND		0.90	1.9
Endosulfan sulfate		ND		0.95	1.9
Endrin		ND		0.55	1.9
Endrin aldehyde		ND		1.1	1.9
Endrin ketone		ND		0.69	1.9
gamma-BHC (Lindane)		ND		0.81	1.9
gamma-Chlordane		ND		0.46	1.9
Heptachlor		ND		1.2	1.9
Heptachlor epoxide		ND		0.88	1.9
Methoxychlor		ND		1.6	3.6
Toxaphene		ND		21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		41 - 157
Tetrachloro-m-xylene	83		40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105390	Initial Weight/Volume:	29.95 g
Dilution:	1.0			Final Weight/Volume:	10.0 mL
Analysis Date:	10/29/2013 0722			Injection Volume:	1 uL
Prep Date:	10/14/2013 0946			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		41 - 157
Tetrachloro-m-xylene	101		40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-106002	Initial Weight/Volume:	29.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1907			Injection Volume:	1 uL
Prep Date:	10/17/2013 1051			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		24	37
Aroclor-1221		ND		18	37
Aroclor-1232		ND		16	37
Aroclor-1242		ND		15	37
Aroclor-1248		ND		19	37
Aroclor-1254		ND		19	37
Aroclor-1260		ND		19	37
Aroclor-1262		ND		30	37
Aroclor-1268		ND		16	37

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		14 - 163
Tetrachloro-m-xylene	80		29 - 151

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440
Client Matrix: Solid % Moisture: 10.3 Date Received: 10/11/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-106002	Initial Weight/Volume:	29.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1907			Injection Volume:	1 uL
Prep Date:	10/17/2013 1051			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		14 - 163
Tetrachloro-m-xylene	110		29 - 151

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-106002	Initial Weight/Volume:	29.72 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1921			Injection Volume:	1 uL
Prep Date:	10/17/2013 1051			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		23	36
Aroclor-1221		ND		18	36
Aroclor-1232		ND		15	36
Aroclor-1242		ND		14	36
Aroclor-1248		ND		19	36
Aroclor-1254		ND		19	36
Aroclor-1260		ND		19	36
Aroclor-1262		ND		30	36
Aroclor-1268		ND		15	36

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		14 - 163
Tetrachloro-m-xylene	72		29 - 151

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-106002	Initial Weight/Volume:	29.72 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1921			Injection Volume:	1 uL
Prep Date:	10/17/2013 1051			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		14 - 163
Tetrachloro-m-xylene	95		29 - 151

Client: EnSafe, Inc. Job Number: 240-30137-1

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545
Client Matrix: Solid % Moisture: 8.6 Date Received: 10/11/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.14 g
Analysis Date:	10/22/2013 1442			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.8		0.29	1.4
Barium		15	J B	0.068	19
Cadmium		ND		0.035	0.48
Chromium		6.3		0.19	0.96
Lead		2.7		0.18	0.96
Selenium		ND		0.43	1.9
Silver		ND		0.096	0.96

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	10/24/2013 1953			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.016	0.11

General Chemistry

Client Sample ID: **CARMW37509**

Lab Sample ID: 240-30137-1 Date Sampled: 10/10/2013 1440

Client Matrix: Solid Date Received: 10/11/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW39509**

Lab Sample ID: 240-30137-2 Date Sampled: 10/10/2013 1545

Client Matrix: Solid Date Received: 10/11/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	8.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Indicates an Estimated Value for TICs
	*	LCS or LCSD exceeds the control limits
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30137-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-105286					
240-30137-2	CARMW39509	T	Solid	5035	
Analysis Batch:240-105630					
LCS 240-105630/6	Lab Control Sample	T	Water	8260C	
MB 240-105630/8	Method Blank	T	Water	8260C	
240-30137-3TB	TBK	T	Water	8260C	
Prep Batch: 240-105649					
LCS 240-105649/2-A	Lab Control Sample	T	Solid	5035	
MB 240-105649/1-A	Method Blank	T	Solid	5035	
240-30137-1	CARMW37509	T	Solid	5035	
Analysis Batch:240-106848					
LCS 240-105649/2-A	Lab Control Sample	T	Solid	8260C	240-105649
MB 240-105649/1-A	Method Blank	T	Solid	8260C	240-105649
240-30137-1	CARMW37509	T	Solid	8260C	240-105649
Analysis Batch:240-106880					
LCS 240-106880/19	Lab Control Sample	T	Solid	8260C	
MB 240-106880/22	Method Blank	T	Solid	8260C	
240-30137-2	CARMW39509	T	Solid	8260C	240-105286

Report Basis
T = Total

GC/MS Semi VOA

Prep Batch: 240-105383					
LCS 240-105383/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-105383/23-A	Method Blank	T	Solid	3540C	
240-30137-1	CARMW37509	T	Solid	3540C	
240-30137-2	CARMW39509	T	Solid	3540C	
Analysis Batch:240-106337					
LCS 240-105383/24-A	Lab Control Sample	T	Solid	8270D	240-105383
MB 240-105383/23-A	Method Blank	T	Solid	8270D	240-105383
240-30137-1	CARMW37509	T	Solid	8270D	240-105383
240-30137-2	CARMW39509	T	Solid	8270D	240-105383

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30137-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-105390					
LCS 240-105390/6-A	Lab Control Sample	T	Solid	3540C	
MB 240-105390/5-A	Method Blank	T	Solid	3540C	
240-30137-1	CARMW37509	T	Solid	3540C	
240-30137-2	CARMW39509	T	Solid	3540C	
240-30137-2MS	Matrix Spike	T	Solid	3540C	
240-30137-2MSD	Matrix Spike Duplicate	T	Solid	3540C	
Prep Batch: 240-106002					
LCS 240-106002/12-A	Lab Control Sample	T	Solid	3540C	
MB 240-106002/11-A	Method Blank	T	Solid	3540C	
240-30137-1	CARMW37509	T	Solid	3540C	
240-30137-2	CARMW39509	T	Solid	3540C	
Analysis Batch:240-106261					
PB 240-106261/2	Preparation / Extraction Blank	T	Solid	8082A	
LCS 240-106002/12-A	Lab Control Sample	T	Solid	8082A	240-106002
MB 240-106002/11-A	Method Blank	T	Solid	8082A	240-106002
240-30137-1	CARMW37509	T	Solid	8082A	240-106002
240-30137-2	CARMW39509	T	Solid	8082A	240-106002
Analysis Batch:240-107445					
PB 240-107445/3	Preparation / Extraction Blank	T	Solid	8081B	
LCS 240-105390/6-A	Lab Control Sample	T	Solid	8081B	240-105390
MB 240-105390/5-A	Method Blank	T	Solid	8081B	240-105390
240-30137-1	CARMW37509	T	Solid	8081B	240-105390
240-30137-2	CARMW39509	T	Solid	8081B	240-105390
240-30137-2MS	Matrix Spike	T	Solid	8081B	240-105390
240-30137-2MSD	Matrix Spike Duplicate	T	Solid	8081B	240-105390

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30137-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-105998					
LCS 240-105998/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-105998/1-A	Method Blank	T	Solid	3050B	
240-30137-2	CARMW39509	T	Solid	3050B	
Prep Batch: 240-106021					
LCS 240-106021/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-106021/1-A	Method Blank	T	Solid	7471B	
240-30137-2	CARMW39509	T	Solid	7471B	
Analysis Batch:240-106684					
LCS 240-105998/2-A	Lab Control Sample	T	Solid	6010C	240-105998
MB 240-105998/1-A	Method Blank	T	Solid	6010C	240-105998
240-30137-2	CARMW39509	T	Solid	6010C	240-105998
Analysis Batch:240-107033					
LCS 240-106021/2-A	Lab Control Sample	T	Solid	7471B	240-106021
MB 240-106021/1-A	Method Blank	T	Solid	7471B	240-106021
240-30137-2	CARMW39509	T	Solid	7471B	240-106021

Report Basis
T = Total

General Chemistry

Analysis Batch:240-105425					
240-30137-1	CARMW37509	T	Solid	Moisture	
240-30137-2	CARMW39509	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30137-2	CARMW39509	87	92	94	91

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MRL 240-106880/20		93	90	95	90
MRL 240-106880/21		96	94	94	97

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MB 240-106880/22		93	91	89	94
LCS 240-106880/19		103	102	104	105

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	67-125
DBFM = Dibromofluoromethane (Surr)	37-132
BFB = 4-Bromofluorobenzene (Surr)	52-136
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MRL 240-106848/5		113	114	114	111

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
240-30137-1	CARMW37509	103	101	106	96
MB 240-105649/1-A		107	107	111	107
LCS 240-105649/2-A		90	95	95	90

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	33-134
DBFM = Dibromofluoromethane (Surr)	30-122
BFB = 4-Bromofluorobenzene (Surr)	26-141
DCA = 1,2-Dichloroethane-d4 (Surr)	39-128

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30137-3	TBK	86	103	100	97

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MRL 240-105630/5		94	98	85	93

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MB 240-105630/8		95	97	85	93
LCS 240-105630/6		91	90	83	84

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	74-115
DBFM = Dibromofluoromethane (Surr)	75-121
BFB = 4-Bromofluorobenzene (Surr)	66-117
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129

Client: EnSafe, Inc. Job Number: 240-30137-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-30137-1	CARMW37509	41	38	35	38	56	32
240-30137-2	CARMW39509	75	71	69	71	98	65
MB 240-105383/23-A		78	72	73	77	109	55
LCS 240-105383/24-A		69	69	65	69	95	72

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	24-110
2FP = 2-Fluorophenol (Surr)	24-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
PHL = Phenol-d5 (Surr)	26-110
TPH = Terphenyl-d14 (Surr)	36-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30137-1	CARMW37509	106	92	94	79
240-30137-2	CARMW39509	108	91	101	83
MB 240-105390/5-A		42	33X	30X	25X
LCS 240-105390/6-A		114	96	131	225X
240-30137-2 MS	CARMW39509 MS	110	91	214X	206X
240-30137-2 MSD	CARMW39509 MSD	116	96	152X	172X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc.

Job Number: 240-30137-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30137-1	CARMW37509	82	75	110	80
240-30137-2	CARMW39509	78	75	95	72
MB 240-106002/11-A		82	81	100	76
LCS 240-106002/12-A		44	83	133	80

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-105630/8	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1342	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1342				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		0.57	10
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
Acetone	2.38	J	1.1	10
1,3-Dichlorobenzene	ND		0.14	1.0
Benzene	ND		0.13	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
Carbon disulfide	ND		0.13	1.0
1,1-Dichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.13	1.0
1,2-Dichloroethane	ND		0.22	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.19	1.0
Chloroethane	ND		0.29	1.0
1,2-Dichloropropane	ND		0.18	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
2-Hexanone	ND		0.41	10
cis-1,3-Dichloropropene	ND		0.14	1.0
Dichlorodifluoromethane	ND		0.31	1.0
Dichlorobromomethane	ND		0.15	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Ethylbenzene	ND		0.17	1.0
Isopropylbenzene	ND		0.13	1.0
Methyl tert-butyl ether	ND		0.17	1.0
Methylene Chloride	ND		0.33	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Styrene	ND		0.11	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Ethylene Dibromide	ND		0.24	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-105630/8	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1342	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1342				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	74 - 115
Dibromofluoromethane (Surr)	97	75 - 121
4-Bromofluorobenzene (Surr)	85	66 - 117
1,2-Dichloroethane-d4 (Surr)	93	63 - 129

Method Blank TICs- Batch: 240-105630

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Method Reporting Limit Check - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-105630/5	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1236	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1236				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Hexanone	0.0100	ND	88	10 - 150	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	10 - 150
Dibromofluoromethane (Surr)	98	10 - 150
4-Bromofluorobenzene (Surr)	85	10 - 150
1,2-Dichloroethane-d4 (Surr)	93	10 - 150

Lab Control Sample - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-105630/6	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1258	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1258				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	50.0	40.8	82	60 - 126	
1,2-Dibromo-3-Chloropropane	25.0	21.7	87	42 - 136	
1,2-Dichlorobenzene	25.0	23.0	92	81 - 110	
Acetone	50.0	47.2	94	43 - 136	
1,3-Dichlorobenzene	25.0	23.1	92	80 - 110	
Benzene	25.0	24.5	98	83 - 112	
1,4-Dichlorobenzene	25.0	22.3	89	82 - 110	
Bromoform	25.0	20.6	83	40 - 131	
Bromomethane	25.0	24.6	98	11 - 185	
Carbon disulfide	25.0	26.3	105	62 - 142	
1,1-Dichloroethane	25.0	24.6	98	82 - 115	
Carbon tetrachloride	25.0	25.9	104	66 - 128	
1,2-Dichloroethane	25.0	23.7	95	71 - 127	
Chlorobenzene	25.0	22.9	92	85 - 110	
Chlorodibromomethane	25.0	21.3	85	64 - 119	
1,1-Dichloroethene	25.0	24.4	98	78 - 131	
Chloroethane	25.0	23.5	94	25 - 153	
1,2-Dichloropropane	25.0	23.9	96	81 - 115	
Chloroform	25.0	24.3	97	79 - 117	
Chloromethane	25.0	23.6	94	44 - 126	
cis-1,2-Dichloroethene	25.0	24.2	97	80 - 113	

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-105630/6	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1258	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1258				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Hexanone	50.0	37.4	75	55 - 133	
cis-1,3-Dichloropropene	25.0	25.1	101	61 - 115	
Dichlorodifluoromethane	25.0	27.5	110	19 - 129	
Dichlorobromomethane	25.0	25.0	100	72 - 121	
4-Methyl-2-pentanone (MIBK)	50.0	41.5	83	63 - 128	
Ethylbenzene	25.0	24.0	96	83 - 112	
Isopropylbenzene	25.0	26.8	107	75 - 114	
Methyl tert-butyl ether	25.0	22.0	88	52 - 144	
Methylene Chloride	25.0	21.2	85	66 - 131	
m-Xylene & p-Xylene	25.0	23.9	95	83 - 113	
o-Xylene	25.0	24.2	97	83 - 113	
1,1,2,2-Tetrachloroethane	25.0	21.2	85	68 - 118	
Styrene	25.0	24.1	96	79 - 114	
Tetrachloroethene	25.0	25.4	102	79 - 114	
Toluene	25.0	24.1	96	84 - 111	
trans-1,2-Dichloroethene	25.0	25.3	101	83 - 117	
trans-1,3-Dichloropropene	25.0	22.0	88	58 - 117	
1,2,4-Trichlorobenzene	25.0	23.8	95	48 - 135	
1,1,1-Trichloroethane	25.0	27.3	109	74 - 118	
1,1,2-Trichloroethane	25.0	22.7	91	80 - 112	
Ethylene Dibromide	25.0	22.9	92	79 - 113	
Trichloroethene	25.0	26.1	104	76 - 117	
Trichlorofluoromethane	25.0	27.0	108	49 - 157	
Vinyl chloride	25.0	23.9	96	53 - 127	
Xylenes, Total	50.0	48.1	96	83 - 112	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	74 - 115
Dibromofluoromethane (Surr)	90	75 - 121
4-Bromofluorobenzene (Surr)	83	66 - 117
1,2-Dichloroethane-d4 (Surr)	84	63 - 129

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105649 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-105649/1-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233237.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1734	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		43	1000
1,2-Dibromo-3-Chloropropane	ND		50	500
1,2-Dichlorobenzene	ND		8.6	250
Acetone	ND		170	1000
1,3-Dichlorobenzene	ND		4.8	250
Benzene	ND		12	250
1,4-Dichlorobenzene	ND		8.0	250
Bromoform	ND		19	250
Bromomethane	ND		29	250
Carbon disulfide	ND		12	250
1,1-Dichloroethane	ND		17	250
Carbon tetrachloride	ND		6.4	250
1,2-Dichloroethane	ND		10	250
Chlorobenzene	ND		6.4	250
Chlorodibromomethane	ND		12	250
1,1-Dichloroethene	ND		18	250
Chloroethane	ND		61	250
1,2-Dichloropropane	ND		8.2	250
Chloroform	ND		8.8	250
Chloromethane	ND		14	250
cis-1,2-Dichloroethene	ND		6.9	250
2-Hexanone	ND		20	1000
cis-1,3-Dichloropropene	ND		7.9	250
Dichlorodifluoromethane	ND		16	250
Dichlorobromomethane	ND		9.9	250
4-Methyl-2-pentanone (MIBK)	ND		48	1000
Ethylbenzene	ND		5.4	250
Isopropylbenzene	ND		6.5	250
Methyl tert-butyl ether	ND		7.1	250
Methylene Chloride	ND		77	250
m-Xylene & p-Xylene	19.9	J	6.2	250
o-Xylene	ND		8.5	250
1,1,2,2-Tetrachloroethane	ND		8.9	250
Styrene	ND		5.6	250
Tetrachloroethene	21.0	J	12	250
Toluene	ND		17	250
trans-1,2-Dichloroethene	25.3	J	9.2	250
trans-1,3-Dichloropropene	ND		20	250
1,2,4-Trichlorobenzene	ND		7.3	250
1,1,1-Trichloroethane	ND		21	250
1,1,2-Trichloroethane	ND		12	250
Ethylene Dibromide	ND		10	250
Trichloroethene	ND		9.7	250
Trichlorofluoromethane	ND		16	250
Vinyl chloride	ND		18	250

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105649

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-105649/1-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233237.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1734	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	19.9	J	6.2	500

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	107	33 - 134
Dibromofluoromethane (Surr)	107	30 - 122
4-Bromofluorobenzene (Surr)	111	26 - 141
1,2-Dichloroethane-d4 (Surr)	107	39 - 128

Method Blank TICs- Batch: 240-105649

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
109-99-9	Tetrahydrofuran	4.66	80.5	J
	Unknown	2.14	549	T J

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-105649

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-105649/2-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233238.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1759	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	2000	2080	104	10 - 199	
1,2-Dibromo-3-Chloropropane	1000	873	87	10 - 129	
1,2-Dichlorobenzene	1000	1030	103	68 - 118	
Acetone	2000	1920	96	16 - 156	
1,3-Dichlorobenzene	1000	1040	104	66 - 121	
Benzene	1000	956	96	70 - 117	
1,4-Dichlorobenzene	1000	996	100	65 - 119	
Bromoform	1000	812	81	10 - 117	
Bromomethane	1000	744	74	10 - 114	
Carbon disulfide	1000	465	47	10 - 132	
1,1-Dichloroethane	1000	961	96	63 - 117	
Carbon tetrachloride	1000	975	97	29 - 118	
1,2-Dichloroethane	1000	974	97	68 - 119	
Chlorobenzene	1000	1020	102	71 - 116	
Chlorodibromomethane	1000	861	86	22 - 113	
1,1-Dichloroethene	1000	932	93	44 - 143	
Chloroethane	1000	997	100	10 - 120	
1,2-Dichloropropane	1000	1010	101	73 - 113	
Chloroform	1000	970	97	63 - 116	
Chloromethane	1000	681	68	25 - 110	
cis-1,2-Dichloroethene	1000	928	93	60 - 125	
2-Hexanone	2000	1930	96	43 - 130	
cis-1,3-Dichloropropene	1000	941	94	25 - 120	
Dichlorodifluoromethane	1000	603	60	10 - 110	
Dichlorobromomethane	1000	904	90	28 - 123	
4-Methyl-2-pentanone (MIBK)	2000	1920	96	49 - 121	
Ethylbenzene	1000	1020	102	66 - 119	
Isopropylbenzene	1000	1040	104	61 - 123	
Methyl tert-butyl ether	1000	1020	102	34 - 157	
Methylene Chloride	1000	969	97	27 - 172	
m-Xylene & p-Xylene	1000	1100	110	67 - 118	
o-Xylene	1000	1020	102	68 - 120	
1,1,2,2-Tetrachloroethane	1000	879	88	54 - 121	
Styrene	1000	1040	104	60 - 120	
Tetrachloroethene	1000	1050	105	58 - 131	
Toluene	1000	1020	102	66 - 123	
trans-1,2-Dichloroethene	1000	1090	109	58 - 121	
trans-1,3-Dichloropropene	1000	964	96	22 - 122	
1,2,4-Trichlorobenzene	1000	1070	107	41 - 135	
1,1,1-Trichloroethane	1000	1000	100	38 - 122	
1,1,2-Trichloroethane	1000	912	91	74 - 114	

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-105649

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-105649/2-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233238.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1759	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	1000	944	94	47 - 123	
Trichloroethene	1000	1000	100	59 - 124	
Trichlorofluoromethane	1000	1020	102	17 - 145	
Vinyl chloride	1000	758	76	33 - 110	
Xylenes, Total	2000	2120	106	68 - 119	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	90	33 - 134
Dibromofluoromethane (Surr)	95	30 - 122
4-Bromofluorobenzene (Surr)	95	26 - 141
1,2-Dichloroethane-d4 (Surr)	90	39 - 128

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Reporting Limit Check - Batch: 240-106848 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MRL 240-106848/5	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	U1233236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/23/2013 1710	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.00200	ND	205	10 - 150	^
1,2-Dibromo-3-Chloropropane	0.00100	ND	75	10 - 150	
1,2-Dichlorobenzene	0.00100	ND	125	10 - 150	
Acetone	0.00200	ND	24	10 - 150	
1,3-Dichlorobenzene	0.00100	ND	129	10 - 150	
Benzene	0.00100	ND	131	10 - 150	
1,4-Dichlorobenzene	0.00100	ND	122	10 - 150	
Bromoform	0.00100	ND	85	10 - 150	
Bromomethane	0.00100	ND	140	10 - 150	
Carbon disulfide	0.00100	ND	109	10 - 150	
1,1-Dichloroethane	0.00100	ND	122	10 - 150	
Carbon tetrachloride	0.00100	ND	131	10 - 150	
1,2-Dichloroethane	0.00100	ND	129	10 - 150	
Chlorobenzene	0.00100	ND	128	10 - 150	
Chlorodibromomethane	0.00100	ND	107	10 - 150	
1,1-Dichloroethene	0.00100	ND	109	10 - 150	
Chloroethane	0.00100	ND	128	10 - 150	
1,2-Dichloropropane	0.00100	ND	139	10 - 150	
Chloroform	0.00100	ND	115	10 - 150	
Chloromethane	0.00100	ND	122	10 - 150	
cis-1,2-Dichloroethene	0.00100	ND	128	10 - 150	
2-Hexanone	0.00200	ND	104	10 - 150	
cis-1,3-Dichloropropene	0.00100	ND	105	10 - 150	
Dichlorodifluoromethane	0.00100	ND	125	10 - 150	
Dichlorobromomethane	0.00100	ND	114	10 - 150	
4-Methyl-2-pentanone (MIBK)	0.00200	ND	113	10 - 150	
Ethylbenzene	0.00100	ND	115	10 - 150	
Isopropylbenzene	0.00100	ND	106	10 - 150	
Methyl tert-butyl ether	0.00100	ND	122	10 - 150	
Methylene Chloride	0.00100	ND	61	10 - 150	
m-Xylene & p-Xylene	0.00100	ND	112	10 - 150	
o-Xylene	0.00100	ND	106	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	110	10 - 150	
Styrene	0.00100	ND	114	10 - 150	
Tetrachloroethene	0.00100	ND	99	10 - 150	
Toluene	0.00100	ND	131	10 - 150	
trans-1,2-Dichloroethene	0.00100	ND	124	10 - 150	
trans-1,3-Dichloropropene	0.00100	ND	106	10 - 150	
1,2,4-Trichlorobenzene	0.00100	ND	112	10 - 150	
1,1,1-Trichloroethane	0.00100	ND	132	10 - 150	
1,1,2-Trichloroethane	0.00100	ND	116	10 - 150	

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Reporting Limit Check - Batch: 240-106848

Method: 8260C
Preparation: N/A

Lab Sample ID:	MRL 240-106848/5	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	U1233236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/23/2013 1710	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	0.00100	ND	123	10 - 150	
Trichloroethene	0.00100	ND	107	10 - 150	
Trichlorofluoromethane	0.00100	ND	162	10 - 150	^
Vinyl chloride	0.00100	ND	124	10 - 150	
Xylenes, Total	0.00200	ND	0	10 - 150	^

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	113	10 - 150
Dibromofluoromethane (Surr)	114	10 - 150
4-Bromofluorobenzene (Surr)	114	10 - 150
1,2-Dichloroethane-d4 (Surr)	111	10 - 150

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-106880/22	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88239.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/24/2013 1233	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		1.4	20
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
Acetone	ND		6.3	20
1,3-Dichlorobenzene	ND		0.35	5.0
Benzene	ND		0.23	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
Carbon disulfide	ND		0.44	5.0
1,1-Dichloroethane	ND		0.36	5.0
Carbon tetrachloride	ND		0.37	5.0
1,2-Dichloroethane	ND		0.34	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
1,1-Dichloroethene	ND		0.52	5.0
Chloroethane	ND		0.86	5.0
1,2-Dichloropropane	ND		0.69	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
2-Hexanone	ND		0.63	20
cis-1,3-Dichloropropene	ND		0.34	5.0
Dichlorodifluoromethane	ND		0.50	5.0
Dichlorobromomethane	ND		0.28	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Ethylbenzene	ND		0.26	5.0
Isopropylbenzene	ND		0.16	5.0
Methyl tert-butyl ether	ND		0.43	5.0
Methylene Chloride	ND		0.67	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Styrene	ND		0.15	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Ethylene Dibromide	ND		0.50	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-106880/22	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88239.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/24/2013 1233	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	93	67 - 125
Dibromofluoromethane (Surr)	91	37 - 132
4-Bromofluorobenzene (Surr)	89	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Method Blank TICs- Batch: 240-106880

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-106880

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106880/19	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	50.0	62.1	124	52 - 131	
1,2-Dibromo-3-Chloropropane	25.0	24.8	99	61 - 132	
1,2-Dichlorobenzene	25.0	27.3	109	76 - 110	
Acetone	50.0	66.1	132	41 - 137	
1,3-Dichlorobenzene	25.0	25.9	104	78 - 111	
Benzene	25.0	28.2	113	79 - 112	*
1,4-Dichlorobenzene	25.0	25.4	101	75 - 110	
Bromoform	25.0	28.7	115	62 - 133	
Bromomethane	25.0	28.2	113	42 - 136	
Carbon disulfide	25.0	28.1	112	62 - 146	
1,1-Dichloroethane	25.0	27.8	111	76 - 115	
Carbon tetrachloride	25.0	28.5	114	71 - 129	
1,2-Dichloroethane	25.0	28.4	114	72 - 120	
Chlorobenzene	25.0	27.1	108	78 - 110	
Chlorodibromomethane	25.0	28.7	115	72 - 127	
1,1-Dichloroethene	25.0	26.5	106	75 - 135	
Chloroethane	25.0	26.2	105	58 - 117	
1,2-Dichloropropane	25.0	29.1	116	87 - 113	*
Chloroform	25.0	28.7	115	77 - 114	*
Chloromethane	25.0	25.6	102	50 - 110	
cis-1,2-Dichloroethene	25.0	28.6	114	76 - 113	*
2-Hexanone	50.0	62.3	125	64 - 136	
cis-1,3-Dichloropropene	25.0	30.6	123	74 - 128	
Dichlorodifluoromethane	25.0	24.9	99	26 - 113	
Dichlorobromomethane	25.0	29.0	116	84 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	67.6	135	67 - 135	
Ethylbenzene	25.0	27.2	109	79 - 117	
Isopropylbenzene	25.0	26.9	107	76 - 122	
Methyl tert-butyl ether	25.0	31.4	125	49 - 165	
Methylene Chloride	25.0	29.4	118	75 - 118	
m-Xylene & p-Xylene	25.0	27.1	109	80 - 117	
o-Xylene	25.0	28.7	115	80 - 120	
1,1,2,2-Tetrachloroethane	25.0	27.8	111	77 - 123	
Styrene	25.0	27.8	111	87 - 117	
Tetrachloroethene	25.0	26.0	104	79 - 114	
Toluene	25.0	27.1	108	75 - 111	
trans-1,2-Dichloroethene	25.0	28.4	113	78 - 117	
trans-1,3-Dichloropropene	25.0	32.1	128	73 - 131	
1,2,4-Trichlorobenzene	25.0	22.5	90	64 - 124	
1,1,1-Trichloroethane	25.0	27.7	111	77 - 126	
1,1,2-Trichloroethane	25.0	28.5	114	83 - 112	*

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	LCS 240-106880/19	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	25.0	29.5	118	83 - 117	*
Trichloroethene	25.0	27.9	112	79 - 113	
Trichlorofluoromethane	25.0	25.7	103	57 - 146	
Vinyl chloride	25.0	26.5	106	57 - 114	
Xylenes, Total	50.0	55.8	112	80 - 118	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	67 - 125
Dibromofluoromethane (Surr)	102	37 - 132
4-Bromofluorobenzene (Surr)	104	52 - 136
1,2-Dichloroethane-d4 (Surr)	105	58 - 123

Method Reporting Limit Check - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MRL 240-106880/20	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88237.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1150	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	ND	107	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00500	ND	110	10 - 150	
1,2-Dichlorobenzene	0.00500	ND	108	10 - 150	
Acetone	0.0100	ND	113	10 - 150	
1,3-Dichlorobenzene	0.00500	ND	102	10 - 150	
Benzene	0.00500	ND	112	10 - 150	
1,4-Dichlorobenzene	0.00500	ND	99	10 - 150	
Bromoform	0.00500	ND	88	10 - 150	
Bromomethane	0.00500	ND	107	10 - 150	
Carbon disulfide	0.00500	ND	103	10 - 150	
1,1-Dichloroethane	0.00500	ND	107	10 - 150	
Carbon tetrachloride	0.00500	ND	98	10 - 150	
1,2-Dichloroethane	0.00500	ND	113	10 - 150	
Chlorobenzene	0.00500	ND	110	10 - 150	
Chlorodibromomethane	0.00500	ND	99	10 - 150	
1,1-Dichloroethene	0.00500	ND	103	10 - 150	
Chloroethane	0.00500	ND	99	10 - 150	

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Reporting Limit Check - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MRL 240-106880/20	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88237.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1150	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dichloropropane	0.00500	ND	114	10 - 150	
Chloroform	0.00500	ND	115	10 - 150	
Chloromethane	0.00500	ND	97	10 - 150	
cis-1,2-Dichloroethene	0.00500	ND	115	10 - 150	
2-Hexanone	0.0100	ND	98	10 - 150	
cis-1,3-Dichloropropene	0.00500	ND	93	10 - 150	
Dichlorodifluoromethane	0.00500	ND	95	10 - 150	
Dichlorobromomethane	0.00500	ND	105	10 - 150	
4-Methyl-2-pentanone (MIBK)	0.0100	ND	101	10 - 150	
Ethylbenzene	0.00500	ND	106	10 - 150	
Isopropylbenzene	0.00500	ND	98	10 - 150	
Methyl tert-butyl ether	0.00500	ND	107	10 - 150	
Methylene Chloride	0.00500	ND	127	10 - 150	
m-Xylene & p-Xylene	0.00500	ND	101	10 - 150	
o-Xylene	0.00500	ND	107	10 - 150	
1,1,2,2-Tetrachloroethane	0.00500	ND	114	10 - 150	
Styrene	0.00500	ND	93	10 - 150	
Tetrachloroethene	0.00500	ND	97	10 - 150	
Toluene	0.00500	ND	111	10 - 150	
trans-1,2-Dichloroethene	0.00500	ND	110	10 - 150	
trans-1,3-Dichloropropene	0.00500	ND	92	10 - 150	
1,2,4-Trichlorobenzene	0.00500	ND	83	10 - 150	
1,1,1-Trichloroethane	0.00500	ND	104	10 - 150	
1,1,2-Trichloroethane	0.00500	ND	103	10 - 150	
Ethylene Dibromide	0.00500	ND	97	10 - 150	
Trichloroethene	0.00500	ND	106	10 - 150	
Trichlorofluoromethane	0.00500	ND	92	10 - 150	
Vinyl chloride	0.00500	ND	102	10 - 150	
Xylenes, Total	0.0100	ND	0	10 - 150	^

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	93	10 - 150
Dibromofluoromethane (Surr)	90	10 - 150
4-Bromofluorobenzene (Surr)	95	10 - 150
1,2-Dichloroethane-d4 (Surr)	90	10 - 150

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	10 - 150
Dibromofluoromethane (Surr)	94	10 - 150
4-Bromofluorobenzene (Surr)	94	10 - 150
1,2-Dichloroethane-d4 (Surr)	97	10 - 150

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105383/23-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1145	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.76	6.7
Acenaphthylene	ND		0.35	6.7
Acetophenone	ND		9.2	100
Anthracene	ND		0.78	6.7
Benzo[a]anthracene	ND		0.63	6.7
Benzo[a]pyrene	ND		0.64	6.7
Benzo[b]fluoranthene	ND		0.59	6.7
Benzo[g,h,i]perylene	ND		0.35	6.7
Benzo[k]fluoranthene	ND		0.68	6.7
Bis(2-chloroethoxy)methane	ND		22	100
Bis(2-chloroethyl)ether	ND		2.0	100
bis (2-chloroisopropyl) ether	ND		9.5	100
Bis(2-ethylhexyl) phthalate	52.5	J	19	70
4-Bromophenyl phenyl ether	ND		13	50
Butyl benzyl phthalate	ND		10	70
Carbazole	ND		27	50
4-Chloroaniline	ND		17	150
4-Chloro-3-methylphenol	ND		21	150
2-Chlorophenol	ND		8.2	50
4-Chlorophenyl phenyl ether	ND		13	50
Chrysene	ND		1.1	6.7
Dibenz(a,h)anthracene	ND		0.66	6.7
Dibenzofuran	ND		0.66	50
3,3'-Dichlorobenzidine	ND		18	100
2,4-Dichlorophenol	ND		20	150
Diethyl phthalate	ND		16	70
2,4-Dimethylphenol	ND		20	150
Dimethyl phthalate	ND		17	70
Di-n-butyl phthalate	135		15	70
4,6-Dinitro-2-methylphenol	ND		9.2	150
2,4-Dinitrophenol	ND		21	330
2,4-Dinitrotoluene	ND		17	200
2,6-Dinitrotoluene	ND		21	200
Di-n-octyl phthalate	ND		7.9	70
Fluoranthene	ND		0.55	6.7
Fluorene	ND		0.53	6.7
Hexachlorobenzene	ND		2.1	6.7
Hexachlorobutadiene	ND		5.6	50
Hexachlorocyclopentadiene	ND		8.1	330
Hexachloroethane	ND		9.0	50
Indeno[1,2,3-cd]pyrene	ND		0.35	6.7
Isophorone	ND		13	50
2-Methylnaphthalene	ND		0.50	6.7
2-Methylphenol	ND		11	200
3 & 4 Methylphenol	ND		20	400

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105383/23-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1145	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	ND		0.82	6.7
2-Nitroaniline	ND		9.1	200
3-Nitroaniline	ND		16	200
4-Nitroaniline	ND		26	200
Nitrobenzene	ND		2.2	100
2-Nitrophenol	ND		8.3	50
4-Nitrophenol	ND		17	330
N-Nitrosodi-n-propylamine	ND		6.3	50
N-Nitrosodiphenylamine	ND		21	50
Pentachlorophenol	ND		9.1	150
Phenanthrene	ND		0.73	6.7
Phenol	ND		7.3	50
Pyrene	ND		0.44	6.7
2,4,5-Trichlorophenol	ND		25	150
2,4,6-Trichlorophenol	ND		8.9	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	78	24 - 110
2-Fluorophenol (Surr)	72	24 - 110
Nitrobenzene-d5 (Surr)	73	20 - 110
Phenol-d5 (Surr)	77	26 - 110
Terphenyl-d14 (Surr)	109	36 - 110
2,4,6-Tribromophenol (Surr)	55	10 - 110

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105383/24-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1209	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	451	68	38 - 110	
Acenaphthylene	667	412	62	40 - 110	
Acetophenone	667	400	60	40 - 110	
Anthracene	667	486	73	48 - 110	
Benzo[a]anthracene	667	501	75	50 - 110	
Benzo[a]pyrene	667	481	72	44 - 110	
Benzo[b]fluoranthene	667	502	75	43 - 110	
Benzo[g,h,i]perylene	667	503	75	51 - 110	
Benzo[k]fluoranthene	667	520	78	38 - 105	
Bis(2-chloroethoxy)methane	667	440	66	32 - 110	
Bis(2-chloroethyl)ether	667	429	64	34 - 110	
bis (2-chloroisopropyl) ether	667	423	63	29 - 110	
Bis(2-ethylhexyl) phthalate	667	513	77	50 - 110	
4-Bromophenyl phenyl ether	667	482	72	39 - 110	
Butyl benzyl phthalate	667	496	74	51 - 110	
Carbazole	667	532	80	50 - 110	
4-Chloroaniline	667	378	57	30 - 110	
4-Chloro-3-methylphenol	667	463	69	48 - 110	
2-Chlorophenol	667	434	65	37 - 110	
4-Chlorophenyl phenyl ether	667	447	67	40 - 110	
Chrysene	667	494	74	50 - 110	
Dibenz(a,h)anthracene	667	514	77	51 - 110	
Dibenzofuran	667	444	67	43 - 110	
3,3'-Dichlorobenzidine	1330	1010	76	28 - 110	
2,4-Dichlorophenol	667	452	68	39 - 110	
Diethyl phthalate	667	464	70	52 - 110	
2,4-Dimethylphenol	667	430	65	29 - 110	
Dimethyl phthalate	667	449	67	50 - 110	
Di-n-butyl phthalate	667	549	82	51 - 110	
4,6-Dinitro-2-methylphenol	1330	724	54	10 - 110	
2,4-Dinitrophenol	1330	603	45	10 - 110	
2,4-Dinitrotoluene	667	477	72	48 - 110	
2,6-Dinitrotoluene	667	446	67	45 - 110	
Di-n-octyl phthalate	667	484	73	48 - 110	
Fluoranthene	667	496	74	51 - 110	
Fluorene	667	456	68	46 - 110	
Hexachlorobenzene	667	456	68	43 - 110	
Hexachlorobutadiene	667	420	63	29 - 110	
Hexachlorocyclopentadiene	667	308	46	12 - 110	J
Hexachloroethane	667	429	64	30 - 110	
Indeno[1,2,3-cd]pyrene	667	491	74	50 - 110	

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105383/24-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1209	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	667	413	62	36 - 110	
2-Methylnaphthalene	667	442	66	36 - 110	
2-Methylphenol	667	422	63	41 - 110	
3 & 4 Methylphenol	667	464	70	40 - 110	
Naphthalene	667	416	62	36 - 110	
2-Nitroaniline	667	463	69	45 - 110	
3-Nitroaniline	667	470	70	44 - 110	
4-Nitroaniline	667	504	76	48 - 110	
Nitrobenzene	667	423	64	32 - 110	
2-Nitrophenol	667	430	64	34 - 110	
4-Nitrophenol	1330	916	69	28 - 110	
N-Nitrosodi-n-propylamine	667	438	66	38 - 110	
N-Nitrosodiphenylamine	1330	949	71	46 - 110	
Pentachlorophenol	1330	809	61	10 - 110	
Phenanthrene	667	459	69	49 - 110	
Phenol	667	435	65	38 - 110	
Pyrene	667	495	74	49 - 110	
2,4,5-Trichlorophenol	667	437	66	25 - 110	
2,4,6-Trichlorophenol	667	427	64	12 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	69	24 - 110
2-Fluorophenol (Surr)	69	24 - 110
Nitrobenzene-d5 (Surr)	65	20 - 110
Phenol-d5 (Surr)	69	26 - 110
Terphenyl-d14 (Surr)	95	36 - 110
2,4,6-Tribromophenol (Surr)	72	10 - 110

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105390 **Method: 8081B**
Preparation: 3540C

Lab Sample ID:	MB 240-105390/5-A	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105390	Lab File ID:	P3102916.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.0 g
Analysis Date:	10/29/2013 0823	Units:	ug/Kg	Final Weight/Volume:	10.0 mL
Prep Date:	10/14/2013 0946			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	42		41 - 157
Tetrachloro-m-xylene	30	X	40 - 149

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	33	X	41 - 157
Tetrachloro-m-xylene	25	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Lab Control Sample - Batch: 240-105390

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-105390/6-A	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105390	Lab File ID:	P3102917.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.0 g
Analysis Date:	10/29/2013 0843	Units:	ug/Kg	Final Weight/Volume:	10.0 mL
Prep Date:	10/14/2013 0946			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	31.6	95	40 - 145	
alpha-BHC	33.3	32.0	96	50 - 153	
alpha-Chlordane	33.3	32.3	97	42 - 150	
beta-BHC	33.3	31.5	95	43 - 153	
4,4'-DDD	33.3	45.6	137	53 - 160	
4,4'-DDE	33.3	32.3	97	46 - 143	
4,4'-DDT	33.3	47.6	143	40 - 157	
delta-BHC	33.3	35.3	106	54 - 152	
Dieldrin	33.3	33.9	102	51 - 154	
Endosulfan I	33.3	25.1	75	40 - 148	
Endosulfan II	33.3	32.4	97	42 - 137	
Endosulfan sulfate	33.3	37.1	111	50 - 153	
Endrin	33.3	39.3	118	55 - 147	
Endrin aldehyde	33.3	32.0	96	43 - 158	
Endrin ketone	33.3	37.2	111	41 - 142	
gamma-BHC (Lindane)	33.3	33.8	101	44 - 160	
gamma-Chlordane	33.3	33.0	99	47 - 156	
Heptachlor	33.3	36.3	109	47 - 137	
Heptachlor epoxide	33.3	32.9	99	53 - 153	
Methoxychlor	33.3	39.9	120	40 - 152	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	41 - 157
Tetrachloro-m-xylene	131	40 - 149

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	114		41 - 157
Tetrachloro-m-xylene	225	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105390

Method: 8081B
Preparation: 3540C

MS Lab Sample ID:	240-30137-2	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105390	Lab File ID:	P3102914.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.94 g
Analysis Date:	10/29/2013 0742			Final Weight/Volume:	10.0 mL
Prep Date:	10/14/2013 0946			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-30137-2	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105390	Lab File ID:	P3102915.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.06 g
Analysis Date:	10/29/2013 0803			Final Weight/Volume:	10.0 mL
Prep Date:	10/14/2013 0946			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	97	101	41 - 137	3	40		
alpha-BHC	93	102	22 - 160	9	40		
alpha-Chlordane	91	96	38 - 145	4	40		
beta-BHC	101	106	27 - 160	4	40		
4,4'-DDD	125	131	16 - 160	4	40		
4,4'-DDE	92	97	37 - 150	6	40		
4,4'-DDT	137	140	24 - 160	2	40		
delta-BHC	105	110	10 - 160	4	40		
Dieldrin	97	102	37 - 160	4	40		
Endosulfan I	72	76	10 - 160	5	40		
Endosulfan II	90	93	16 - 150	3	40		
Endosulfan sulfate	106	109	10 - 160	2	40		
Endrin	112	117	41 - 160	5	40		
Endrin aldehyde	132	120	10 - 160	9	38		
Endrin ketone	107	113	11 - 160	6	40		
gamma-BHC (Lindane)	97	104	18 - 160	7	40		
gamma-Chlordane	93	99	33 - 160	5	40		
Heptachlor	97	108	26 - 160	10	40		
Heptachlor epoxide	94	101	43 - 160	6	29		
Methoxychlor	118	134	10 - 160	12	39		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	91		96		41 - 157
Tetrachloro-m-xylene	206	X	172	X	40 - 149

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	110		116		41 - 157
Tetrachloro-m-xylene	214	X	152	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30137-1

Preparation / Extraction Blank - Batch: 240-107445 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-107445/3	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3102903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/29/2013 0359	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30137-1

Preparation / Extraction Blank - Batch: 240-107445 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-107445/3	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3102903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/29/2013 0359	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Method Blank - Batch: 240-106002

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-106002/11-A	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-106002	Lab File ID:	P1200015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	10/18/2013 2102	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/17/2013 1051			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	14 - 163
Tetrachloro-m-xylene	76	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	14 - 163
Tetrachloro-m-xylene	100	29 - 151

Lab Control Sample - Batch: 240-106002

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-106002/12-A	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-106002	Lab File ID:	P1200016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	10/18/2013 2117	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/17/2013 1051			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	256	77	62 - 120	
Aroclor-1260	333	267	80	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	14 - 163
Tetrachloro-m-xylene	80	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	44	14 - 163
Tetrachloro-m-xylene	133	29 - 151

Client: EnSafe, Inc. Job Number: 240-30137-1

Preparation / Extraction Blank - Batch: 240-106261

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-106261/2	Analysis Batch:	240-106261	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/18/2013 1754	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		63	99
Aroclor-1221	ND		48	99
Aroclor-1232	ND		42	99
Aroclor-1242	ND		39	99
Aroclor-1248	ND		51	99
Aroclor-1254	ND		51	99
Aroclor-1260	ND		51	99
Aroclor-1262	ND		81	99
Aroclor-1268	ND		42	99

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-105998

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 240-105998/1-A	Analysis Batch:	240-106684	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/22/2013 1234	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.0989	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-105998

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCS 240-105998/2-A	Analysis Batch:	240-106684	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/22/2013 1238	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	195	97	80 - 120	
Barium	200	191	95	80 - 120	
Cadmium	5.00	4.88	98	80 - 120	
Chromium	20.0	19.1	96	80 - 120	
Lead	50.0	47.1	94	80 - 120	
Selenium	200	192	96	80 - 120	
Silver	5.00	4.94	99	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30137-1

Method Blank - Batch: 240-106021

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-106021/1-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1900	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-106021

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-106021/2-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1903	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				
Leach Date:	N/A				

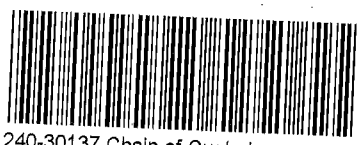
Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.846	101	80 - 120	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-30137 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

Chain of Custody Record

1.4

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
ENSAFE	SHANE GOODNIGHT	10-10-13	013619
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of
220 ATHENS WAY STE 410	615-255-9300		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
NASHVILLE / TN / 37228	JOE MATTHEWS	AMY MCCORMICK	
Project Name and Location (State)	**Carrier/Waybill Number**		
CARRIER TR-1 SUB SLAB INVESTIGATION NY			
Contract/Purchase Order/Quote No.			
15641			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: # Cont.	Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	MeOH	Analysis: VOCs	dry weight	SVOCs/Pesticides/Total PCBs	RCRA Metals	Special Instructions/ Conditions of Receipt
CARMW37509	10/10/13	1440				X	5							1	3	1	1	0	5 total
CARMW39509	10/10/13	1545				X	5							1	3	1	1	1	6 total
TBK														~~1~~	1				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10/10/13	1700	1. Received By REnglish, SyR	10.10.13	17:00
2. Relinquished By REnglish	10.10.13	1900	2. Received By	10.10.13	920
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 80157**
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by:

Cooler Received on 10-01-13 Opened on 10-01-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. 1.9 °C	Corrected Cooler Temp. 1.9 °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC376062**
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

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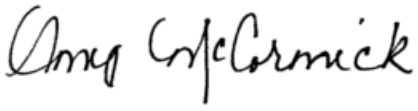
ANALYTICAL REPORT

Job Number: 240-30170-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager I
11/4/2013 6:00 PM

Amy L McCormick, Project Manager I
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/04/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30170-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/12/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.4 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ01S09 (240-30170-2), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/12/2013 and 10/15/2013 and analyzed on 10/23/2013 and 10/24/2013.

Sample CARMW34S10 (240-30170-7)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

m-Xylene & p-Xylene, Tetrachloroethene, trans-1,2-Dichloroethene and Xylenes, Total were detected in method blank MB 240-105649/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 106880 recovered outside control limits for the following analytes: 1,1,2-Trichloroethane, 1,2-Dichloropropane, Benzene, Chloroform, cis-1,2-Dichloroethene, and Ethylene Dibromide. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) for analytical batch 106848 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected compounds. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required. Xylenes, Total failed the recovery criteria low for MRL 240-106848/5. 2-Butanone (MEK) and Trichlorofluoromethane failed the recovery criteria high.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ01S09 (240-30170-2), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/14/2013 and analyzed on 10/21/2013 and 10/23/2013.

Sample CARMW34S10 (240-30170-7)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Di-n-butyl phthalate was detected in method blank MB 240-105383/23-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-105383/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ01S09 (240-30170-2), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/15/2013 and analyzed on 11/01/2013.

Sample CARMW4QDS04 (240-30170-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. Tetrachloro-m-xylene failed the surrogate recovery criteria high for sample CARFDPZ04S09 (240-30170-5), the MB 240-105542/10-A, and the LCS 240-105542/11-A. These results have been reported and qualified.

4,4'-DDT failed the recovery criteria high for the MS/MSD of sample CARDCDPZ03S10MS/MSD (240-30170-6) in batch 240-108014.

The closing continuing calibration verification (CCV) associated with batch 108014 recovered DDT, Heptachlor, and Methoxychlor above the upper control limits. Samples CARDCDPZ03S10 (240-30170-6), CARFDPZ01S09 (240-30170-2), CARFDPZ02S11 (240-30170-3), CARFDPZ03S09 (240-30170-1), CARFDPZ04S09 (240-30170-5), CARMW34S10 (240-30170-7), and CARMW4QDS04 (240-30170-4)associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ01S09 (240-30170-2), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/15/2013 and analyzed on 10/17/2013.

Samples CARMW34S10 (240-30170-7) and CARMW4QDS04 (240-30170-4) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/17/2013 and analyzed on 10/22/2013.

Barium was detected in method blank MB 240-105998/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/17/2013 and analyzed on 10/24/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples CARFDPZ03S09 (240-30170-1), CARFDPZ01S09 (240-30170-2), CARFDPZ02S11 (240-30170-3), CARMW4QDS04 (240-30170-4), CARFDPZ04S09 (240-30170-5), CARDCDPZ03S10 (240-30170-6) and CARMW34S10 (240-30170-7) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/14/2013 and 10/15/2013.

Percent Moisture exceeded the RPD limit for the duplicate of sample CARMW4QDS04DU (240-30170-4).

No other difficulties were encountered during the % solids analysis.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30170-1	**CARFDPZ03S09**					
Acetone		5.8	J	18	ug/Kg	8260C
Methylene Chloride		7.2		4.5	ug/Kg	8260C
trans-1,2-Dichloroethene		1.7	J	4.5	ug/Kg	8260C
Trichloroethene		4.1	J	4.5	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		120	B	80	ug/Kg	8270D
Di-n-butyl phthalate		57	J B	80	ug/Kg	8270D
Arsenic		2.5		1.6	mg/Kg	6010C
Barium		25	B	21	mg/Kg	6010C
Cadmium		0.042	J	0.53	mg/Kg	6010C
Chromium		5.2		1.1	mg/Kg	6010C
Lead		2.9		1.1	mg/Kg	6010C
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-30170-2	**CARFDPZ01S09**					
2-Butanone (MEK)		130	J	940	ug/Kg	8260C
Styrene		6.2	J	240	ug/Kg	8260C
trans-1,2-Dichloroethene		31	J B	240	ug/Kg	8260C
Trichloroethene		860		240	ug/Kg	8260C
Benzo[b]fluoranthene		5.5	J	7.5	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		84	B	79	ug/Kg	8270D
Di-n-butyl phthalate		43	J B	79	ug/Kg	8270D
Fluoranthene		4.5	J	7.5	ug/Kg	8270D
Phenanthrene		6.0	J	7.5	ug/Kg	8270D
Pyrene		5.3	J	7.5	ug/Kg	8270D
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30170-3	**CARFDPZ02S11**					
Methylene Chloride		11		6.9	ug/Kg	8260C
trans-1,2-Dichloroethene		2.7	J	6.9	ug/Kg	8260C
Trichloroethene		5.1	J	6.9	ug/Kg	8260C
Benzo[b]fluoranthene		4.6	J	7.9	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		79	J B	83	ug/Kg	8270D
Di-n-butyl phthalate		110	B	83	ug/Kg	8270D
Fluoranthene		8.8		7.9	ug/Kg	8270D
Pyrene		6.2	J	7.9	ug/Kg	8270D
Arsenic		2.0		1.4	mg/Kg	6010C
Barium		11	J B	18	mg/Kg	6010C
Chromium		3.9		0.90	mg/Kg	6010C
Lead		2.9		0.90	mg/Kg	6010C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30170-4	**CARMW4QDS04**					
Acetone		22		21	ug/Kg	8260C
2-Butanone (MEK)		2.3	J	21	ug/Kg	8260C
Methylene Chloride		5.5		5.2	ug/Kg	8260C
trans-1,2-Dichloroethene		0.97	J	5.2	ug/Kg	8260C
Trichloroethene		0.56	J	5.2	ug/Kg	8260C
Acenaphthene		24		7.9	ug/Kg	8270D
Acenaphthylene		13		7.9	ug/Kg	8270D
Anthracene		110		7.9	ug/Kg	8270D
Benzo[a]anthracene		510		7.9	ug/Kg	8270D
Benzo[a]pyrene		480		7.9	ug/Kg	8270D
Benzo[b]fluoranthene		620		7.9	ug/Kg	8270D
Benzo[g,h,i]perylene		300		7.9	ug/Kg	8270D
Benzo[k]fluoranthene		250		7.9	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		69	J B	83	ug/Kg	8270D
Carbazole		33	J	59	ug/Kg	8270D
Chrysene		530		7.9	ug/Kg	8270D
Dibenz(a,h)anthracene		80		7.9	ug/Kg	8270D
Dibenzofuran		18	J	59	ug/Kg	8270D
Di-n-butyl phthalate		65	J B	83	ug/Kg	8270D
Fluoranthene		980		7.9	ug/Kg	8270D
Fluorene		33		7.9	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		290		7.9	ug/Kg	8270D
2-Methylnaphthalene		9.9		7.9	ug/Kg	8270D
Naphthalene		17		7.9	ug/Kg	8270D
Phenanthrene		330		7.9	ug/Kg	8270D
Pyrene		830		7.9	ug/Kg	8270D
Aroclor-1260		55		40	ug/Kg	8082A
Arsenic		2.7		1.2	mg/Kg	6010C
Barium		23	B	16	mg/Kg	6010C
Cadmium		0.10	J	0.40	mg/Kg	6010C
Chromium		7.7		0.80	mg/Kg	6010C
Lead		5.1		0.80	mg/Kg	6010C
Mercury		0.027	J	0.12	mg/Kg	7471B
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30170-5	**CARFDPZ04S09**					
Methylene Chloride		5.7		4.1	ug/Kg	8260C
trans-1,2-Dichloroethene		0.84	J	4.1	ug/Kg	8260C
Trichlorofluoromethane		6.4		4.1	ug/Kg	8260C
Anthracene		16		7.5	ug/Kg	8270D
Benzo[a]anthracene		68		7.5	ug/Kg	8270D
Benzo[a]pyrene		66		7.5	ug/Kg	8270D
Benzo[b]fluoranthene		78		7.5	ug/Kg	8270D
Benzo[g,h,i]perylene		36		7.5	ug/Kg	8270D
Benzo[k]fluoranthene		36		7.5	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		64	J B	79	ug/Kg	8270D
Carbazole		42	J	56	ug/Kg	8270D
Chrysene		83		7.5	ug/Kg	8270D
Dibenzofuran		7.4	J	56	ug/Kg	8270D
Di-n-butyl phthalate		84	B	79	ug/Kg	8270D
Fluoranthene		120		7.5	ug/Kg	8270D
Fluorene		4.3	J	7.5	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		30		7.5	ug/Kg	8270D
Naphthalene		3.9	J	7.5	ug/Kg	8270D
Phenanthrene		86		7.5	ug/Kg	8270D
Pyrene		100		7.5	ug/Kg	8270D
Arsenic		3.2		1.5	mg/Kg	6010C
Barium		47	B	20	mg/Kg	6010C
Chromium		7.7		1.0	mg/Kg	6010C
Lead		5.3		1.0	mg/Kg	6010C
Mercury		0.018	J	0.12	mg/Kg	7471B
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-30170-6	**CARDCDPZ03S10**					
cis-1,2-Dichloroethene		0.85	J *	4.8	ug/Kg	8260C
1,1-Dichloroethane		12		4.8	ug/Kg	8260C
Methylene Chloride		8.7		4.8	ug/Kg	8260C
trans-1,2-Dichloroethene		0.92	J	4.8	ug/Kg	8260C
Trichloroethene		1.2	J	4.8	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		36	J B	88	ug/Kg	8270D
Di-n-butyl phthalate		130	B	88	ug/Kg	8270D
Arsenic		8.9		1.5	mg/Kg	6010C
Barium		77	B	21	mg/Kg	6010C
Cadmium		0.049	J	0.52	mg/Kg	6010C
Chromium		17		1.0	mg/Kg	6010C
Lead		9.4		1.0	mg/Kg	6010C
Mercury		0.032	J	0.12	mg/Kg	7471B
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30170-7	**CARMW34S10**					
Anthracene		27	J	34	ug/Kg	8270D
Benzo[a]pyrene		19	J	34	ug/Kg	8270D
Benzo[b]fluoranthene		26	J	34	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		100	J B	350	ug/Kg	8270D
Dibenzofuran		19	J	250	ug/Kg	8270D
Di-n-butyl phthalate		83	J B	350	ug/Kg	8270D
Fluoranthene		110		34	ug/Kg	8270D
Fluorene		29	J	34	ug/Kg	8270D
Naphthalene		18	J	34	ug/Kg	8270D
Phenanthrene		57		34	ug/Kg	8270D
Pyrene		88		34	ug/Kg	8270D
Endosulfan sulfate		1.1	J	2.2	ug/Kg	8081B
Methoxychlor		9.2		4.2	ug/Kg	8081B
Aroclor-1254		59		42	ug/Kg	8082A
Arsenic		2.8		1.7	mg/Kg	6010C
Barium		67	B	22	mg/Kg	6010C
Cadmium		0.10	J	0.56	mg/Kg	6010C
Chromium		14		1.1	mg/Kg	6010C
Lead		6.0		1.1	mg/Kg	6010C
Mercury		0.036	J	0.14	mg/Kg	7471B
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30170-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30170-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Lavey, Tim	TJL1
SW846 8270D	Gruber, John	JMG
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Hass, Lori	LSH
SW846 6010C	Counts, Karen	KLC
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Burns, Jill	JMB
EPA Moisture	Woodward, Bruce	BLW

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30170-1	CARFDPZ03S09	Solid	10/11/2013 0820	10/12/2013 0920
240-30170-2	CARFDPZ01S09	Solid	10/11/2013 0921	10/12/2013 0920
240-30170-3	CARFDPZ02S11	Solid	10/11/2013 1028	10/12/2013 0920
240-30170-4	CARMW4QDS04	Solid	10/11/2013 1235	10/12/2013 0920
240-30170-5	CARFDPZ04S09	Solid	10/11/2013 1340	10/12/2013 0920
240-30170-6	CARDCDPZ03S10	Solid	10/11/2013 1445	10/12/2013 0920
240-30170-7	CARMW34S10	Solid	10/11/2013 1543	10/12/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88242.D
Dilution:	1.0			Initial Weight/Volume:	6.374 g
Analysis Date:	10/24/2013 1336			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.8	J	5.6	18
Benzene		ND	*	0.21	4.5
Bromoform		ND		0.30	4.5
Bromomethane		ND		0.48	4.5
2-Butanone (MEK)		ND		1.3	18
Carbon disulfide		ND		0.39	4.5
Carbon tetrachloride		ND		0.33	4.5
Chlorobenzene		ND		0.30	4.5
Chlorodibromomethane		ND		0.49	4.5
Chloroethane		ND		0.77	4.5
Chloroform		ND	*	0.26	4.5
Chloromethane		ND		0.37	4.5
cis-1,2-Dichloroethene		ND	*	0.32	4.5
cis-1,3-Dichloropropene		ND		0.30	4.5
1,2-Dibromo-3-Chloropropane		ND		1.2	9.0
1,2-Dichlorobenzene		ND		0.32	4.5
1,3-Dichlorobenzene		ND		0.31	4.5
1,4-Dichlorobenzene		ND		0.59	4.5
Dichlorobromomethane		ND		0.25	4.5
Dichlorodifluoromethane		ND		0.45	4.5
1,1-Dichloroethane		ND		0.32	4.5
1,2-Dichloroethane		ND		0.30	4.5
1,1-Dichloroethene		ND		0.47	4.5
1,2-Dichloropropane		ND	*	0.62	4.5
Ethylbenzene		ND		0.23	4.5
Ethylene Dibromide		ND	*	0.45	4.5
2-Hexanone		ND		0.56	18
Isopropylbenzene		ND		0.14	4.5
Methylene Chloride		7.2		0.60	4.5
4-Methyl-2-pentanone (MIBK)		ND		0.48	18
Methyl tert-butyl ether		ND		0.39	4.5
Styrene		ND		0.13	4.5
1,1,2,2-Tetrachloroethane		ND		0.30	4.5
Tetrachloroethene		ND		0.47	4.5
Toluene		ND		0.24	4.5
trans-1,2-Dichloroethene		1.7	J	0.37	4.5
trans-1,3-Dichloropropene		ND		0.48	4.5
1,2,4-Trichlorobenzene		ND		0.24	4.5
1,1,1-Trichloroethane		ND		0.50	4.5
1,1,2-Trichloroethane		ND	*	0.35	4.5
Trichloroethene		4.1	J	0.38	4.5
Trichlorofluoromethane		ND		0.30	4.5
Vinyl chloride		ND		0.35	4.5
Xylenes, Total		ND		0.31	9.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88242.D
Dilution:	1.0			Initial Weight/Volume:	6.374 g
Analysis Date:	10/24/2013 1336			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		52 - 136
Dibromofluoromethane (Surr)	89		37 - 132
1,2-Dichloroethane-d4 (Surr)	91		58 - 123
Toluene-d8 (Surr)	89		67 - 125

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88242.D
Dilution:	1.0			Initial Weight/Volume:	6.374 g
Analysis Date:	10/24/2013 1336			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233240.D
Dilution:	1.0			Initial Weight/Volume:	5.951 g
Analysis Date:	10/23/2013 1847			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		20	240
1,1,2,2-Tetrachloroethane		ND		8.4	240
1,1,2-Trichloroethane		ND		11	240
1,1-Dichloroethane		ND		16	240
1,1-Dichloroethene		ND		17	240
1,2,4-Trichlorobenzene		ND		6.9	240
1,2-Dibromo-3-Chloropropane		ND		47	470
1,2-Dichlorobenzene		ND		8.1	240
1,2-Dichloroethane		ND		9.4	240
1,2-Dichloropropane		ND		7.7	240
1,3-Dichlorobenzene		ND		4.5	240
1,4-Dichlorobenzene		ND		7.5	240
2-Butanone (MEK)		130	J	41	940
2-Hexanone		ND		19	940
4-Methyl-2-pentanone (MIBK)		ND		45	940
Acetone		ND		160	940
Benzene		ND		11	240
Bromoform		ND		18	240
Bromomethane		ND		27	240
Carbon disulfide		ND		11	240
Carbon tetrachloride		ND		6.0	240
Chlorobenzene		ND		6.0	240
Chlorodibromomethane		ND		11	240
Chloroethane		ND		58	240
Chloroform		ND		8.3	240
Chloromethane		ND		13	240
cis-1,2-Dichloroethene		ND		6.5	240
cis-1,3-Dichloropropene		ND		7.5	240
Dichlorodifluoromethane		ND		15	240
Dichlorobromomethane		ND		9.3	240
Ethylbenzene		ND		5.1	240
Isopropylbenzene		ND		6.1	240
Methyl tert-butyl ether		ND		6.7	240
Methylene Chloride		ND		73	240
Styrene		6.2	J	5.3	240
Tetrachloroethene		ND		11	240
Toluene		ND		16	240
trans-1,2-Dichloroethene		31	J B	8.7	240
trans-1,3-Dichloropropene		ND		19	240
Trichloroethene		860		9.1	240
Trichlorofluoromethane		ND		15	240
Vinyl chloride		ND		17	240
Xylenes, Total		ND		5.8	470
Ethylene Dibromide		ND		9.4	240

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233240.D
Dilution:	1.0			Initial Weight/Volume:	5.951 g
Analysis Date:	10/23/2013 1847			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	107		33 - 134
Dibromofluoromethane (Surr)	103		30 - 122
4-Bromofluorobenzene (Surr)	108		26 - 141
1,2-Dichloroethane-d4 (Surr)	100		39 - 128

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233240.D
Dilution:	1.0			Initial Weight/Volume:	5.951 g
Analysis Date:	10/23/2013 1847			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88243.D
Dilution:	1.0			Initial Weight/Volume:	4.252 g
Analysis Date:	10/24/2013 1358			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		ND		8.7	28
Benzene		ND	*	0.32	6.9
Bromoform		ND		0.46	6.9
Bromomethane		ND		0.75	6.9
2-Butanone (MEK)		ND		1.9	28
Carbon disulfide		ND		0.61	6.9
Carbon tetrachloride		ND		0.51	6.9
Chlorobenzene		ND		0.46	6.9
Chlorodibromomethane		ND		0.76	6.9
Chloroethane		ND		1.2	6.9
Chloroform		ND	*	0.40	6.9
Chloromethane		ND		0.57	6.9
cis-1,2-Dichloroethene		ND	*	0.50	6.9
cis-1,3-Dichloropropene		ND		0.47	6.9
1,2-Dibromo-3-Chloropropane		ND		1.8	14
1,2-Dichlorobenzene		ND		0.50	6.9
1,3-Dichlorobenzene		ND		0.48	6.9
1,4-Dichlorobenzene		ND		0.91	6.9
Dichlorobromomethane		ND		0.39	6.9
Dichlorodifluoromethane		ND		0.69	6.9
1,1-Dichloroethane		ND		0.50	6.9
1,2-Dichloroethane		ND		0.47	6.9
1,1-Dichloroethene		ND		0.72	6.9
1,2-Dichloropropane		ND	*	0.95	6.9
Ethylbenzene		ND		0.36	6.9
Ethylene Dibromide		ND	*	0.69	6.9
2-Hexanone		ND		0.87	28
Isopropylbenzene		ND		0.22	6.9
Methylene Chloride		11		0.93	6.9
4-Methyl-2-pentanone (MIBK)		ND		0.75	28
Methyl tert-butyl ether		ND		0.59	6.9
Styrene		ND		0.21	6.9
1,1,2,2-Tetrachloroethane		ND		0.47	6.9
Tetrachloroethene		ND		0.72	6.9
Toluene		ND		0.37	6.9
trans-1,2-Dichloroethene		2.7	J	0.57	6.9
trans-1,3-Dichloropropene		ND		0.75	6.9
1,2,4-Trichlorobenzene		ND		0.37	6.9
1,1,1-Trichloroethane		ND		0.77	6.9
1,1,2-Trichloroethane		ND	*	0.54	6.9
Trichloroethene		5.1	J	0.58	6.9
Trichlorofluoromethane		ND		0.47	6.9
Vinyl chloride		ND		0.54	6.9
Xylenes, Total		ND		0.48	14

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88243.D
Dilution:	1.0			Initial Weight/Volume:	4.252 g
Analysis Date:	10/24/2013 1358			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		52 - 136
Dibromofluoromethane (Surr)	94		37 - 132
1,2-Dichloroethane-d4 (Surr)	95		58 - 123
Toluene-d8 (Surr)	95		67 - 125

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88243.D
Dilution:	1.0			Initial Weight/Volume:	4.252 g
Analysis Date:	10/24/2013 1358			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88244.D
Dilution:	1.0			Initial Weight/Volume:	5.696 g
Analysis Date:	10/24/2013 1421			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		22		6.5	21
Benzene		ND	*	0.24	5.2
Bromoform		ND		0.34	5.2
Bromomethane		ND		0.56	5.2
2-Butanone (MEK)		2.3	J	1.4	21
Carbon disulfide		ND		0.46	5.2
Carbon tetrachloride		ND		0.38	5.2
Chlorobenzene		ND		0.34	5.2
Chlorodibromomethane		ND		0.57	5.2
Chloroethane		ND		0.89	5.2
Chloroform		ND	*	0.30	5.2
Chloromethane		ND		0.42	5.2
cis-1,2-Dichloroethene		ND	*	0.37	5.2
cis-1,3-Dichloropropene		ND		0.35	5.2
1,2-Dibromo-3-Chloropropane		ND		1.3	10
1,2-Dichlorobenzene		ND		0.37	5.2
1,3-Dichlorobenzene		ND		0.36	5.2
1,4-Dichlorobenzene		ND		0.68	5.2
Dichlorobromomethane		ND		0.29	5.2
Dichlorodifluoromethane		ND		0.52	5.2
1,1-Dichloroethane		ND		0.37	5.2
1,2-Dichloroethane		ND		0.35	5.2
1,1-Dichloroethene		ND		0.54	5.2
1,2-Dichloropropane		ND	*	0.71	5.2
Ethylbenzene		ND		0.27	5.2
Ethylene Dibromide		ND	*	0.52	5.2
2-Hexanone		ND		0.65	21
Isopropylbenzene		ND		0.17	5.2
Methylene Chloride		5.5		0.69	5.2
4-Methyl-2-pentanone (MIBK)		ND		0.56	21
Methyl tert-butyl ether		ND		0.45	5.2
Styrene		ND		0.16	5.2
1,1,2,2-Tetrachloroethane		ND		0.35	5.2
Tetrachloroethene		ND		0.54	5.2
Toluene		ND		0.28	5.2
trans-1,2-Dichloroethene		0.97	J	0.42	5.2
trans-1,3-Dichloropropene		ND		0.56	5.2
1,2,4-Trichlorobenzene		ND		0.28	5.2
1,1,1-Trichloroethane		ND		0.58	5.2
1,1,2-Trichloroethane		ND	*	0.40	5.2
Trichloroethene		0.56	J	0.43	5.2
Trichlorofluoromethane		ND		0.35	5.2
Vinyl chloride		ND		0.40	5.2
Xylenes, Total		ND		0.36	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88244.D
Dilution:	1.0			Initial Weight/Volume:	5.696 g
Analysis Date:	10/24/2013 1421			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		52 - 136
Dibromofluoromethane (Surr)	92		37 - 132
1,2-Dichloroethane-d4 (Surr)	99		58 - 123
Toluene-d8 (Surr)	88		67 - 125

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88244.D
Dilution:	1.0			Initial Weight/Volume:	5.696 g
Analysis Date:	10/24/2013 1421			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
556-67-2	Cyclotetrasiloxane, octamethyl-	8.92	5.3	T J N

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88250.D
Dilution:	1.0			Initial Weight/Volume:	6.87 g
Analysis Date:	10/24/2013 1628			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		ND		5.2	17
Benzene		ND	*	0.19	4.1
Bromoform		ND		0.27	4.1
Bromomethane		ND		0.45	4.1
2-Butanone (MEK)		ND		1.2	17
Carbon disulfide		ND		0.36	4.1
Carbon tetrachloride		ND		0.31	4.1
Chlorobenzene		ND		0.27	4.1
Chlorodibromomethane		ND		0.45	4.1
Chloroethane		ND		0.71	4.1
Chloroform		ND	*	0.24	4.1
Chloromethane		ND		0.34	4.1
cis-1,2-Dichloroethene		ND	*	0.30	4.1
cis-1,3-Dichloropropene		ND		0.28	4.1
1,2-Dibromo-3-Chloropropane		ND		1.1	8.3
1,2-Dichlorobenzene		ND		0.30	4.1
1,3-Dichlorobenzene		ND		0.29	4.1
1,4-Dichlorobenzene		ND		0.55	4.1
Dichlorobromomethane		ND		0.23	4.1
Dichlorodifluoromethane		ND		0.41	4.1
1,1-Dichloroethane		ND		0.30	4.1
1,2-Dichloroethane		ND		0.28	4.1
1,1-Dichloroethene		ND		0.43	4.1
1,2-Dichloropropane		ND	*	0.57	4.1
Ethylbenzene		ND		0.21	4.1
Ethylene Dibromide		ND	*	0.41	4.1
2-Hexanone		ND		0.52	17
Isopropylbenzene		ND		0.13	4.1
Methylene Chloride		5.7		0.55	4.1
4-Methyl-2-pentanone (MIBK)		ND		0.45	17
Methyl tert-butyl ether		ND		0.36	4.1
Styrene		ND		0.12	4.1
1,1,2,2-Tetrachloroethane		ND		0.28	4.1
Tetrachloroethene		ND		0.43	4.1
Toluene		ND		0.22	4.1
trans-1,2-Dichloroethene		0.84	J	0.34	4.1
trans-1,3-Dichloropropene		ND		0.45	4.1
1,2,4-Trichlorobenzene		ND		0.22	4.1
1,1,1-Trichloroethane		ND		0.46	4.1
1,1,2-Trichloroethane		ND	*	0.32	4.1
Trichloroethene		ND		0.35	4.1
Trichlorofluoromethane		6.4		0.28	4.1
Vinyl chloride		ND		0.32	4.1
Xylenes, Total		ND		0.29	8.3

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88250.D
Dilution:	1.0			Initial Weight/Volume:	6.87 g
Analysis Date:	10/24/2013 1628			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		52 - 136
Dibromofluoromethane (Surr)	84		37 - 132
1,2-Dichloroethane-d4 (Surr)	92		58 - 123
Toluene-d8 (Surr)	86		67 - 125

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88250.D
Dilution:	1.0			Initial Weight/Volume:	6.87 g
Analysis Date:	10/24/2013 1628			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88251.D
Dilution:	1.0			Initial Weight/Volume:	6.481 g
Analysis Date:	10/24/2013 1649			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		ND		6.1	19
Benzene		ND	*	0.22	4.8
Bromoform		ND		0.32	4.8
Bromomethane		ND		0.52	4.8
2-Butanone (MEK)		ND		1.3	19
Carbon disulfide		ND		0.42	4.8
Carbon tetrachloride		ND		0.36	4.8
Chlorobenzene		ND		0.32	4.8
Chlorodibromomethane		ND		0.53	4.8
Chloroethane		ND		0.83	4.8
Chloroform		ND	*	0.28	4.8
Chloromethane		ND		0.39	4.8
cis-1,2-Dichloroethene		0.85	J *	0.35	4.8
cis-1,3-Dichloropropene		ND		0.33	4.8
1,2-Dibromo-3-Chloropropane		ND		1.3	9.6
1,2-Dichlorobenzene		ND		0.35	4.8
1,3-Dichlorobenzene		ND		0.34	4.8
1,4-Dichlorobenzene		ND		0.64	4.8
Dichlorobromomethane		ND		0.27	4.8
Dichlorodifluoromethane		ND		0.48	4.8
1,1-Dichloroethane		12		0.35	4.8
1,2-Dichloroethane		ND		0.33	4.8
1,1-Dichloroethene		ND		0.50	4.8
1,2-Dichloropropane		ND	*	0.66	4.8
Ethylbenzene		ND		0.25	4.8
Ethylene Dibromide		ND	*	0.48	4.8
2-Hexanone		ND		0.61	19
Isopropylbenzene		ND		0.15	4.8
Methylene Chloride		8.7		0.64	4.8
4-Methyl-2-pentanone (MIBK)		ND		0.52	19
Methyl tert-butyl ether		ND		0.41	4.8
Styrene		ND		0.14	4.8
1,1,2,2-Tetrachloroethane		ND		0.33	4.8
Tetrachloroethene		ND		0.50	4.8
Toluene		ND		0.26	4.8
trans-1,2-Dichloroethene		0.92	J	0.39	4.8
trans-1,3-Dichloropropene		ND		0.52	4.8
1,2,4-Trichlorobenzene		ND		0.26	4.8
1,1,1-Trichloroethane		ND		0.54	4.8
1,1,2-Trichloroethane		ND	*	0.38	4.8
Trichloroethene		1.2	J	0.40	4.8
Trichlorofluoromethane		ND		0.33	4.8
Vinyl chloride		ND		0.38	4.8
Xylenes, Total		ND		0.34	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88251.D
Dilution:	1.0			Initial Weight/Volume:	6.481 g
Analysis Date:	10/24/2013 1649			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		52 - 136
Dibromofluoromethane (Surr)	87		37 - 132
1,2-Dichloroethane-d4 (Surr)	91		58 - 123
Toluene-d8 (Surr)	90		67 - 125

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88251.D
Dilution:	1.0			Initial Weight/Volume:	6.481 g
Analysis Date:	10/24/2013 1649			Final Weight/Volume:	5 mL
Prep Date:	10/12/2013 1515				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233241.D
Dilution:	4.0			Initial Weight/Volume:	6.813 g
Analysis Date:	10/23/2013 1911			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		78	930
1,1,2,2-Tetrachloroethane		ND		33	930
1,1,2-Trichloroethane		ND		44	930
1,1-Dichloroethane		ND		63	930
1,1-Dichloroethene		ND		67	930
1,2,4-Trichlorobenzene		ND		27	930
1,2-Dibromo-3-Chloropropane		ND		190	1900
1,2-Dichlorobenzene		ND		32	930
1,2-Dichloroethane		ND		37	930
1,2-Dichloropropane		ND		30	930
1,3-Dichlorobenzene		ND		18	930
1,4-Dichlorobenzene		ND		30	930
2-Butanone (MEK)		ND		160	3700
2-Hexanone		ND		74	3700
4-Methyl-2-pentanone (MIBK)		ND		180	3700
Acetone		ND		630	3700
Benzene		ND		44	930
Bromoform		ND		70	930
Bromomethane		ND		110	930
Carbon disulfide		ND		44	930
Carbon tetrachloride		ND		24	930
Chlorobenzene		ND		24	930
Chlorodibromomethane		ND		44	930
Chloroethane		ND		230	930
Chloroform		ND		33	930
Chloromethane		ND		52	930
cis-1,2-Dichloroethene		ND		26	930
cis-1,3-Dichloropropene		ND		29	930
Dichlorodifluoromethane		ND		59	930
Dichlorobromomethane		ND		37	930
Ethylbenzene		ND		20	930
Isopropylbenzene		ND		24	930
Methyl tert-butyl ether		ND		26	930
Methylene Chloride		ND		290	930
Styrene		ND		21	930
Tetrachloroethene		ND		44	930
Toluene		ND		63	930
trans-1,2-Dichloroethene		ND		34	930
trans-1,3-Dichloropropene		ND		74	930
Trichloroethene		ND		36	930
Trichlorofluoromethane		ND		59	930
Vinyl chloride		ND		67	930
Xylenes, Total		ND		23	1900
Ethylene Dibromide		ND		37	930

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233241.D
Dilution:	4.0			Initial Weight/Volume:	6.813 g
Analysis Date:	10/23/2013 1911			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	84		33 - 134
Dibromofluoromethane (Surr)	83		30 - 122
4-Bromofluorobenzene (Surr)	86		26 - 141
1,2-Dichloroethane-d4 (Surr)	83		39 - 128

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105649	Lab File ID:	U1233241.D
Dilution:	4.0			Initial Weight/Volume:	6.813 g
Analysis Date:	10/23/2013 1911			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	10.48	4700	T J N
71186-27-1	1-Ethyl-2,2,6-trimethylcyclohexane	10.78	5400	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.99	13000	T J N
3728-55-0	1-Ethyl-3-methylcyclohexane (c,t)	11.11	5900	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.19	8800	T J N
4292-92-6	Cyclohexane, pentyl-	11.30	11000	T J N
1000158-89-0	Decalin, anti-1-methyl-, cis-	11.61	4200	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.68	6100	T J N
4292-92-6	Cyclohexane, pentyl-	11.75	7000	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.90	4900	T J N

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021024.D
Dilution:	1.0			Initial Weight/Volume:	29.81 g
Analysis Date:	10/21/2013 1902			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.87	7.7
Acenaphthylene		ND		0.40	7.7
Acetophenone		ND		11	110
Anthracene		ND		0.90	7.7
Benzo[a]anthracene		ND		0.72	7.7
Benzo[a]pyrene		ND		0.74	7.7
Benzo[b]fluoranthene		ND		0.68	7.7
Benzo[g,h,i]perylene		ND		0.40	7.7
Benzo[k]fluoranthene		ND		0.78	7.7
Bis(2-chloroethoxy)methane		ND		25	110
Bis(2-chloroethyl)ether		ND		2.3	110
bis (2-chloroisopropyl) ether		ND		11	110
Bis(2-ethylhexyl) phthalate		120	B	22	80
4-Bromophenyl phenyl ether		ND		15	57
Butyl benzyl phthalate		ND		11	80
Carbazole		ND		31	57
4-Chloroaniline		ND		20	170
4-Chloro-3-methylphenol		ND		24	170
2-Chlorophenol		ND		9.4	57
4-Chlorophenyl phenyl ether		ND		15	57
Chrysene		ND		1.3	7.7
Dibenz(a,h)anthracene		ND		0.76	7.7
Dibenzofuran		ND		0.76	57
3,3'-Dichlorobenzidine		ND		21	110
2,4-Dichlorophenol		ND		23	170
Diethyl phthalate		ND		18	80
2,4-Dimethylphenol		ND		23	170
Dimethyl phthalate		ND		20	80
Di-n-butyl phthalate		57	J B	17	80
4,6-Dinitro-2-methylphenol		ND		11	170
2,4-Dinitrophenol		ND		24	380
2,4-Dinitrotoluene		ND		20	230
2,6-Dinitrotoluene		ND		24	230
Di-n-octyl phthalate		ND		9.1	80
Fluoranthene		ND		0.63	7.7
Fluorene		ND		0.61	7.7
Hexachlorobenzene		ND		2.4	7.7
Hexachlorobutadiene		ND		6.4	57
Hexachlorocyclopentadiene		ND		9.3	380
Hexachloroethane		ND		10	57
Indeno[1,2,3-cd]pyrene		ND		0.40	7.7
Isophorone		ND		15	57
2-Methylnaphthalene		ND		0.57	7.7
2-Methylphenol		ND		13	230
3 & 4 Methylphenol		ND		23	460
Naphthalene		ND		0.94	7.7

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021024.D
Dilution:	1.0			Initial Weight/Volume:	29.81 g
Analysis Date:	10/21/2013 1902			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		10	230
3-Nitroaniline		ND		18	230
4-Nitroaniline		ND		30	230
Nitrobenzene		ND		2.5	110
2-Nitrophenol		ND		9.5	57
4-Nitrophenol		ND		20	380
N-Nitrosodi-n-propylamine		ND		7.2	57
N-Nitrosodiphenylamine		ND		24	57
Pentachlorophenol		ND		10	170
Phenanthrene		ND		0.84	7.7
Phenol		ND		8.4	57
Pyrene		ND		0.51	7.7
2,4,5-Trichlorophenol		ND		29	170
2,4,6-Trichlorophenol		ND		10	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	72		24 - 110
2-Fluorophenol (Surr)	70		24 - 110
Nitrobenzene-d5 (Surr)	64		20 - 110
Phenol-d5 (Surr)	73		26 - 110
Terphenyl-d14 (Surr)	96		36 - 110
2,4,6-Tribromophenol (Surr)	63		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021028.D
Dilution:	1.0			Initial Weight/Volume:	29.85 g
Analysis Date:	10/21/2013 2039			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.86	7.5
Acenaphthylene		ND		0.39	7.5
Acetophenone		ND		10	110
Anthracene		ND		0.88	7.5
Benzo[a]anthracene		ND		0.71	7.5
Benzo[a]pyrene		ND		0.72	7.5
Benzo[b]fluoranthene		5.5	J	0.67	7.5
Benzo[g,h,i]perylene		ND		0.39	7.5
Benzo[k]fluoranthene		ND		0.77	7.5
Bis(2-chloroethoxy)methane		ND		25	110
Bis(2-chloroethyl)ether		ND		2.3	110
bis (2-chloroisopropyl) ether		ND		11	110
Bis(2-ethylhexyl) phthalate		84	B	21	79
4-Bromophenyl phenyl ether		ND		15	56
Butyl benzyl phthalate		ND		11	79
Carbazole		ND		30	56
4-Chloroaniline		ND		19	170
4-Chloro-3-methylphenol		ND		24	170
2-Chlorophenol		ND		9.3	56
4-Chlorophenyl phenyl ether		ND		15	56
Chrysene		ND		1.2	7.5
Dibenz(a,h)anthracene		ND		0.74	7.5
Dibenzofuran		ND		0.74	56
3,3'-Dichlorobenzidine		ND		20	110
2,4-Dichlorophenol		ND		23	170
Diethyl phthalate		ND		18	79
2,4-Dimethylphenol		ND		23	170
Dimethyl phthalate		ND		19	79
Di-n-butyl phthalate		43	J B	17	79
4,6-Dinitro-2-methylphenol		ND		10	170
2,4-Dinitrophenol		ND		24	370
2,4-Dinitrotoluene		ND		19	230
2,6-Dinitrotoluene		ND		24	230
Di-n-octyl phthalate		ND		8.9	79
Fluoranthene		4.5	J	0.62	7.5
Fluorene		ND		0.60	7.5
Hexachlorobenzene		ND		2.4	7.5
Hexachlorobutadiene		ND		6.3	56
Hexachlorocyclopentadiene		ND		9.1	370
Hexachloroethane		ND		10	56
Indeno[1,2,3-cd]pyrene		ND		0.39	7.5
Isophorone		ND		15	56
2-Methylnaphthalene		ND		0.56	7.5
2-Methylphenol		ND		12	230
3 & 4 Methylphenol		ND		23	450
Naphthalene		ND		0.93	7.5

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021028.D
Dilution:	1.0			Initial Weight/Volume:	29.85 g
Analysis Date:	10/21/2013 2039			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		10	230
3-Nitroaniline		ND		18	230
4-Nitroaniline		ND		29	230
Nitrobenzene		ND		2.5	110
2-Nitrophenol		ND		9.4	56
4-Nitrophenol		ND		19	370
N-Nitrosodi-n-propylamine		ND		7.1	56
N-Nitrosodiphenylamine		ND		24	56
Pentachlorophenol		ND		10	170
Phenanthrene		6.0	J	0.82	7.5
Phenol		ND		8.2	56
Pyrene		5.3	J	0.50	7.5
2,4,5-Trichlorophenol		ND		28	170
2,4,6-Trichlorophenol		ND		10	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	74		24 - 110
2-Fluorophenol (Surr)	72		24 - 110
Nitrobenzene-d5 (Surr)	75		20 - 110
Phenol-d5 (Surr)	70		26 - 110
Terphenyl-d14 (Surr)	101		36 - 110
2,4,6-Tribromophenol (Surr)	49		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021025.D
Dilution:	1.0			Initial Weight/Volume:	29.90 g
Analysis Date:	10/21/2013 1926			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.90	7.9
Acenaphthylene		ND		0.41	7.9
Acetophenone		ND		11	120
Anthracene		ND		0.92	7.9
Benzo[a]anthracene		ND		0.74	7.9
Benzo[a]pyrene		ND		0.76	7.9
Benzo[b]fluoranthene		4.6	J	0.70	7.9
Benzo[g,h,i]perylene		ND		0.41	7.9
Benzo[k]fluoranthene		ND		0.80	7.9
Bis(2-chloroethoxy)methane		ND		26	120
Bis(2-chloroethyl)ether		ND		2.4	120
bis (2-chloroisopropyl) ether		ND		11	120
Bis(2-ethylhexyl) phthalate		79	J B	22	83
4-Bromophenyl phenyl ether		ND		15	59
Butyl benzyl phthalate		ND		12	83
Carbazole		ND		32	59
4-Chloroaniline		ND		20	180
4-Chloro-3-methylphenol		ND		25	180
2-Chlorophenol		ND		9.7	59
4-Chlorophenyl phenyl ether		ND		15	59
Chrysene		ND		1.3	7.9
Dibenz(a,h)anthracene		ND		0.78	7.9
Dibenzofuran		ND		0.78	59
3,3'-Dichlorobenzidine		ND		21	120
2,4-Dichlorophenol		ND		24	180
Diethyl phthalate		ND		19	83
2,4-Dimethylphenol		ND		24	180
Dimethyl phthalate		ND		20	83
Di-n-butyl phthalate		110	B	18	83
4,6-Dinitro-2-methylphenol		ND		11	180
2,4-Dinitrophenol		ND		25	390
2,4-Dinitrotoluene		ND		20	240
2,6-Dinitrotoluene		ND		25	240
Di-n-octyl phthalate		ND		9.3	83
Fluoranthene		8.8		0.65	7.9
Fluorene		ND		0.63	7.9
Hexachlorobenzene		ND		2.5	7.9
Hexachlorobutadiene		ND		6.6	59
Hexachlorocyclopentadiene		ND		9.6	390
Hexachloroethane		ND		11	59
Indeno[1,2,3-cd]pyrene		ND		0.41	7.9
Isophorone		ND		15	59
2-Methylnaphthalene		ND		0.59	7.9
2-Methylphenol		ND		13	240
3 & 4 Methylphenol		ND		24	470
Naphthalene		ND		0.97	7.9

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021025.D
Dilution:	1.0			Initial Weight/Volume:	29.90 g
Analysis Date:	10/21/2013 1926			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	240
3-Nitroaniline		ND		19	240
4-Nitroaniline		ND		31	240
Nitrobenzene		ND		2.6	120
2-Nitrophenol		ND		9.8	59
4-Nitrophenol		ND		20	390
N-Nitrosodi-n-propylamine		ND		7.4	59
N-Nitrosodiphenylamine		ND		25	59
Pentachlorophenol		ND		11	180
Phenanthrene		ND		0.86	7.9
Phenol		ND		8.6	59
Pyrene		6.2	J	0.52	7.9
2,4,5-Trichlorophenol		ND		30	180
2,4,6-Trichlorophenol		ND		11	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	74		24 - 110
2-Fluorophenol (Surr)	68		24 - 110
Nitrobenzene-d5 (Surr)	69		20 - 110
Phenol-d5 (Surr)	70		26 - 110
Terphenyl-d14 (Surr)	99		36 - 110
2,4,6-Tribromophenol (Surr)	55		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021030.D
Dilution:	1.0			Initial Weight/Volume:	29.92 g
Analysis Date:	10/21/2013 2127			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		24		0.90	7.9
Acenaphthylene		13		0.41	7.9
Acetophenone		ND		11	120
Anthracene		110		0.92	7.9
Benzo[a]anthracene		510		0.75	7.9
Benzo[a]pyrene		480		0.76	7.9
Benzo[b]fluoranthene		620		0.70	7.9
Benzo[g,h,i]perylene		300		0.41	7.9
Benzo[k]fluoranthene		250		0.80	7.9
Bis(2-chloroethoxy)methane		ND		26	120
Bis(2-chloroethyl)ether		ND		2.4	120
bis (2-chloroisopropyl) ether		ND		11	120
Bis(2-ethylhexyl) phthalate		69	J B	22	83
4-Bromophenyl phenyl ether		ND		15	59
Butyl benzyl phthalate		ND		12	83
Carbazole		33	J	32	59
4-Chloroaniline		ND		20	180
4-Chloro-3-methylphenol		ND		25	180
2-Chlorophenol		ND		9.7	59
4-Chlorophenyl phenyl ether		ND		15	59
Chrysene		530		1.3	7.9
Dibenz(a,h)anthracene		80		0.78	7.9
Dibenzofuran		18	J	0.78	59
3,3'-Dichlorobenzidine		ND		21	120
2,4-Dichlorophenol		ND		24	180
Diethyl phthalate		ND		19	83
2,4-Dimethylphenol		ND		24	180
Dimethyl phthalate		ND		20	83
Di-n-butyl phthalate		65	J B	18	83
4,6-Dinitro-2-methylphenol		ND		11	180
2,4-Dinitrophenol		ND		25	390
2,4-Dinitrotoluene		ND		20	240
2,6-Dinitrotoluene		ND		25	240
Di-n-octyl phthalate		ND		9.3	83
Fluoranthene		980		0.65	7.9
Fluorene		33		0.63	7.9
Hexachlorobenzene		ND		2.5	7.9
Hexachlorobutadiene		ND		6.6	59
Hexachlorocyclopentadiene		ND		9.6	390
Hexachloroethane		ND		11	59
Indeno[1,2,3-cd]pyrene		290		0.41	7.9
Isophorone		ND		15	59
2-Methylnaphthalene		9.9		0.59	7.9
2-Methylphenol		ND		13	240
3 & 4 Methylphenol		ND		24	470
Naphthalene		17		0.97	7.9

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021030.D
Dilution:	1.0			Initial Weight/Volume:	29.92 g
Analysis Date:	10/21/2013 2127			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	240
3-Nitroaniline		ND		19	240
4-Nitroaniline		ND		31	240
Nitrobenzene		ND		2.6	120
2-Nitrophenol		ND		9.8	59
4-Nitrophenol		ND		20	390
N-Nitrosodi-n-propylamine		ND		7.5	59
N-Nitrosodiphenylamine		ND		25	59
Pentachlorophenol		ND		11	180
Phenanthrene		330		0.86	7.9
Phenol		ND		8.6	59
Pyrene		830		0.52	7.9
2,4,5-Trichlorophenol		ND		30	180
2,4,6-Trichlorophenol		ND		11	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	73		24 - 110
2-Fluorophenol (Surr)	66		24 - 110
Nitrobenzene-d5 (Surr)	65		20 - 110
Phenol-d5 (Surr)	71		26 - 110
Terphenyl-d14 (Surr)	99		36 - 110
2,4,6-Tribromophenol (Surr)	67		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021029.D
Dilution:	1.0			Initial Weight/Volume:	30.21 g
Analysis Date:	10/21/2013 2103			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.86	7.5
Acenaphthylene		ND		0.39	7.5
Acetophenone		ND		10	110
Anthracene		16		0.88	7.5
Benzo[a]anthracene		68		0.71	7.5
Benzo[a]pyrene		66		0.72	7.5
Benzo[b]fluoranthene		78		0.66	7.5
Benzo[g,h,i]perylene		36		0.39	7.5
Benzo[k]fluoranthene		36		0.77	7.5
Bis(2-chloroethoxy)methane		ND		25	110
Bis(2-chloroethyl)ether		ND		2.3	110
bis (2-chloroisopropyl) ether		ND		11	110
Bis(2-ethylhexyl) phthalate		64	J B	21	79
4-Bromophenyl phenyl ether		ND		15	56
Butyl benzyl phthalate		ND		11	79
Carbazole		42	J	30	56
4-Chloroaniline		ND		19	170
4-Chloro-3-methylphenol		ND		24	170
2-Chlorophenol		ND		9.2	56
4-Chlorophenyl phenyl ether		ND		15	56
Chrysene		83		1.2	7.5
Dibenz(a,h)anthracene		ND		0.74	7.5
Dibenzofuran		7.4	J	0.74	56
3,3'-Dichlorobenzidine		ND		20	110
2,4-Dichlorophenol		ND		23	170
Diethyl phthalate		ND		18	79
2,4-Dimethylphenol		ND		23	170
Dimethyl phthalate		ND		19	79
Di-n-butyl phthalate		84	B	17	79
4,6-Dinitro-2-methylphenol		ND		10	170
2,4-Dinitrophenol		ND		24	370
2,4-Dinitrotoluene		ND		19	230
2,6-Dinitrotoluene		ND		24	230
Di-n-octyl phthalate		ND		8.9	79
Fluoranthene		120		0.62	7.5
Fluorene		4.3	J	0.60	7.5
Hexachlorobenzene		ND		2.4	7.5
Hexachlorobutadiene		ND		6.3	56
Hexachlorocyclopentadiene		ND		9.1	370
Hexachloroethane		ND		10	56
Indeno[1,2,3-cd]pyrene		30		0.39	7.5
Isophorone		ND		15	56
2-Methylnaphthalene		ND		0.56	7.5
2-Methylphenol		ND		12	230
3 & 4 Methylphenol		ND		23	450
Naphthalene		3.9	J	0.92	7.5

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021029.D
Dilution:	1.0			Initial Weight/Volume:	30.21 g
Analysis Date:	10/21/2013 2103			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		10	230
3-Nitroaniline		ND		18	230
4-Nitroaniline		ND		29	230
Nitrobenzene		ND		2.5	110
2-Nitrophenol		ND		9.4	56
4-Nitrophenol		ND		19	370
N-Nitrosodi-n-propylamine		ND		7.1	56
N-Nitrosodiphenylamine		ND		24	56
Pentachlorophenol		ND		10	170
Phenanthrene		86		0.82	7.5
Phenol		ND		8.2	56
Pyrene		100		0.50	7.5
2,4,5-Trichlorophenol		ND		28	170
2,4,6-Trichlorophenol		ND		10	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	66		24 - 110
2-Fluorophenol (Surr)	61		24 - 110
Nitrobenzene-d5 (Surr)	58		20 - 110
Phenol-d5 (Surr)	63		26 - 110
Terphenyl-d14 (Surr)	92		36 - 110
2,4,6-Tribromophenol (Surr)	43		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021026.D
Dilution:	1.0			Initial Weight/Volume:	29.66 g
Analysis Date:	10/21/2013 1950			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.96	8.4
Acenaphthylene		ND		0.44	8.4
Acetophenone		ND		12	130
Anthracene		ND		0.98	8.4
Benzo[a]anthracene		ND		0.80	8.4
Benzo[a]pyrene		ND		0.81	8.4
Benzo[b]fluoranthene		ND		0.74	8.4
Benzo[g,h,i]perylene		ND		0.44	8.4
Benzo[k]fluoranthene		ND		0.86	8.4
Bis(2-chloroethoxy)methane		ND		28	130
Bis(2-chloroethyl)ether		ND		2.5	130
bis (2-chloroisopropyl) ether		ND		12	130
Bis(2-ethylhexyl) phthalate		36	J B	24	88
4-Bromophenyl phenyl ether		ND		16	63
Butyl benzyl phthalate		ND		13	88
Carbazole		ND		34	63
4-Chloroaniline		ND		21	190
4-Chloro-3-methylphenol		ND		27	190
2-Chlorophenol		ND		10	63
4-Chlorophenyl phenyl ether		ND		16	63
Chrysene		ND		1.4	8.4
Dibenz(a,h)anthracene		ND		0.83	8.4
Dibenzofuran		ND		0.83	63
3,3'-Dichlorobenzidine		ND		23	130
2,4-Dichlorophenol		ND		25	190
Diethyl phthalate		ND		20	88
2,4-Dimethylphenol		ND		25	190
Dimethyl phthalate		ND		21	88
Di-n-butyl phthalate		130	B	19	88
4,6-Dinitro-2-methylphenol		ND		12	190
2,4-Dinitrophenol		ND		27	420
2,4-Dinitrotoluene		ND		21	250
2,6-Dinitrotoluene		ND		27	250
Di-n-octyl phthalate		ND		10	88
Fluoranthene		ND		0.69	8.4
Fluorene		ND		0.67	8.4
Hexachlorobenzene		ND		2.7	8.4
Hexachlorobutadiene		ND		7.1	63
Hexachlorocyclopentadiene		ND		10	420
Hexachloroethane		ND		11	63
Indeno[1,2,3-cd]pyrene		ND		0.44	8.4
Isophorone		ND		16	63
2-Methylnaphthalene		ND		0.63	8.4
2-Methylphenol		ND		14	250
3 & 4 Methylphenol		ND		25	500
Naphthalene		ND		1.0	8.4

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31021026.D
Dilution:	1.0			Initial Weight/Volume:	29.66 g
Analysis Date:	10/21/2013 1950			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		33	250
Nitrobenzene		ND		2.8	130
2-Nitrophenol		ND		10	63
4-Nitrophenol		ND		21	420
N-Nitrosodi-n-propylamine		ND		8.0	63
N-Nitrosodiphenylamine		ND		27	63
Pentachlorophenol		ND		11	190
Phenanthrene		ND		0.92	8.4
Phenol		ND		9.2	63
Pyrene		ND		0.56	8.4
2,4,5-Trichlorophenol		ND		32	190
2,4,6-Trichlorophenol		ND		11	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		24 - 110
2-Fluorophenol (Surr)	56		24 - 110
Nitrobenzene-d5 (Surr)	58		20 - 110
Phenol-d5 (Surr)	53		26 - 110
Terphenyl-d14 (Surr)	83		36 - 110
2,4,6-Tribromophenol (Surr)	48		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31023029.D
Dilution:	4.0			Initial Weight/Volume:	29.89 g
Analysis Date:	10/23/2013 2207			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		3.9	34
Acenaphthylene		ND		1.8	34
Acetophenone		ND		47	510
Anthracene		27	J	4.0	34
Benzo[a]anthracene		ND		3.2	34
Benzo[a]pyrene		19	J	3.2	34
Benzo[b]fluoranthene		26	J	3.0	34
Benzo[g,h,i]perylene		ND		1.8	34
Benzo[k]fluoranthene		ND		3.4	34
Bis(2-chloroethoxy)methane		ND		110	510
Bis(2-chloroethyl)ether		ND		10	510
bis (2-chloroisopropyl) ether		ND		48	510
Bis(2-ethylhexyl) phthalate		100	J B	96	350
4-Bromophenyl phenyl ether		ND		66	250
Butyl benzyl phthalate		ND		51	350
Carbazole		ND		140	250
4-Chloroaniline		ND		86	760
4-Chloro-3-methylphenol		ND		110	760
2-Chlorophenol		ND		42	250
4-Chlorophenyl phenyl ether		ND		66	250
Chrysene		ND		5.6	34
Dibenz(a,h)anthracene		ND		3.3	34
Dibenzofuran		19	J	3.3	250
3,3'-Dichlorobenzidine		ND		91	510
2,4-Dichlorophenol		ND		100	760
Diethyl phthalate		ND		81	350
2,4-Dimethylphenol		ND		100	760
Dimethyl phthalate		ND		86	350
Di-n-butyl phthalate		83	J B	76	350
4,6-Dinitro-2-methylphenol		ND		47	760
2,4-Dinitrophenol		ND		110	1700
2,4-Dinitrotoluene		ND		86	1000
2,6-Dinitrotoluene		ND		110	1000
Di-n-octyl phthalate		ND		40	350
Fluoranthene		110		2.8	34
Fluorene		29	J	2.7	34
Hexachlorobenzene		ND		11	34
Hexachlorobutadiene		ND		28	250
Hexachlorocyclopentadiene		ND		41	1700
Hexachloroethane		ND		46	250
Indeno[1,2,3-cd]pyrene		ND		1.8	34
Isophorone		ND		66	250
2-Methylnaphthalene		ND		2.5	34
2-Methylphenol		ND		56	1000
3 & 4 Methylphenol		ND		100	2000
Naphthalene		18	J	4.2	34

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105383	Lab File ID:	31023029.D
Dilution:	4.0			Initial Weight/Volume:	29.89 g
Analysis Date:	10/23/2013 2207			Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		46	1000
3-Nitroaniline		ND		81	1000
4-Nitroaniline		ND		130	1000
Nitrobenzene		ND		11	510
2-Nitrophenol		ND		42	250
4-Nitrophenol		ND		86	1700
N-Nitrosodi-n-propylamine		ND		32	250
N-Nitrosodiphenylamine		ND		110	250
Pentachlorophenol		ND		46	760
Phenanthrene		57		3.7	34
Phenol		ND		37	250
Pyrene		88		2.2	34
2,4,5-Trichlorophenol		ND		130	760
2,4,6-Trichlorophenol		ND		45	760

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	58		24 - 110
2-Fluorophenol (Surr)	61		24 - 110
Nitrobenzene-d5 (Surr)	84		20 - 110
Phenol-d5 (Surr)	62		26 - 110
Terphenyl-d14 (Surr)	72		36 - 110
2,4,6-Tribromophenol (Surr)	46		10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 0956			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.4	1.9
alpha-BHC		ND		0.83	1.9
alpha-Chlordane		ND		1.1	1.9
beta-BHC		ND		1.3	1.9
4,4'-DDD		ND		0.71	1.9
4,4'-DDE		ND		0.44	1.9
4,4'-DDT		ND		0.72	1.9
delta-BHC		ND		1.4	1.9
Dieldrin		ND		0.54	1.9
Endosulfan I		ND		0.59	1.9
Endosulfan II		ND		0.94	1.9
Endosulfan sulfate		ND		0.99	1.9
Endrin		ND		0.57	1.9
Endrin aldehyde		ND		1.1	1.9
Endrin ketone		ND		0.72	1.9
gamma-BHC (Lindane)		ND		0.84	1.9
gamma-Chlordane		ND		0.48	1.9
Heptachlor		ND		1.3	1.9
Heptachlor epoxide		ND		0.91	1.9
Methoxychlor		ND		1.7	3.8
Toxaphene		ND		22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		41 - 157
Tetrachloro-m-xylene	100		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 0956			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		41 - 157
Tetrachloro-m-xylene	103		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.83 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1017			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.4	1.9
alpha-BHC		ND		0.82	1.9
alpha-Chlordane		ND		1.1	1.9
beta-BHC		ND		1.2	1.9
4,4'-DDD		ND		0.70	1.9
4,4'-DDE		ND		0.44	1.9
4,4'-DDT		ND		0.71	1.9
delta-BHC		ND		1.4	1.9
Dieldrin		ND		0.53	1.9
Endosulfan I		ND		0.59	1.9
Endosulfan II		ND		0.93	1.9
Endosulfan sulfate		ND		0.98	1.9
Endrin		ND		0.56	1.9
Endrin aldehyde		ND		1.1	1.9
Endrin ketone		ND		0.71	1.9
gamma-BHC (Lindane)		ND		0.84	1.9
gamma-Chlordane		ND		0.47	1.9
Heptachlor		ND		1.2	1.9
Heptachlor epoxide		ND		0.90	1.9
Methoxychlor		ND		1.7	3.7
Toxaphene		ND		21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		41 - 157
Tetrachloro-m-xylene	97		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.83 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1017			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		41 - 157
Tetrachloro-m-xylene	90		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1037			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.4	2.0
alpha-BHC		ND		0.87	2.0
alpha-Chlordane		ND		1.1	2.0
beta-BHC		ND		1.3	2.0
4,4'-DDD		ND		0.74	2.0
4,4'-DDE		ND		0.47	2.0
4,4'-DDT		ND		0.75	2.0
delta-BHC		ND		1.4	2.0
Dieldrin		ND		0.56	2.0
Endosulfan I		ND		0.62	2.0
Endosulfan II		ND		0.98	2.0
Endosulfan sulfate		ND		1.0	2.0
Endrin		ND		0.60	2.0
Endrin aldehyde		ND		1.2	2.0
Endrin ketone		ND		0.75	2.0
gamma-BHC (Lindane)		ND		0.88	2.0
gamma-Chlordane		ND		0.50	2.0
Heptachlor		ND		1.3	2.0
Heptachlor epoxide		ND		0.95	2.0
Methoxychlor		ND		1.8	3.9
Toxaphene		ND		23	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		41 - 157
Tetrachloro-m-xylene	98		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1037			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		41 - 157
Tetrachloro-m-xylene	107		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.53 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1058			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		7.2	10
alpha-BHC		ND		4.4	10
alpha-Chlordane		ND		5.6	10
beta-BHC		ND		6.6	10
4,4'-DDD		ND		3.7	10
4,4'-DDE		ND		2.3	10
4,4'-DDT		ND		3.8	10
delta-BHC		ND		7.2	10
Dieldrin		ND		2.8	10
Endosulfan I		ND		3.1	10
Endosulfan II		ND		4.9	10
Endosulfan sulfate		ND		5.2	10
Endrin		ND		3.0	10
Endrin aldehyde		ND		6.0	10
Endrin ketone		ND		3.8	10
gamma-BHC (Lindane)		ND		4.4	10
gamma-Chlordane		ND		2.5	10
Heptachlor		ND		6.6	10
Heptachlor epoxide		ND		4.8	10
Methoxychlor		ND		9.0	20
Toxaphene		ND		110	400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		41 - 157
Tetrachloro-m-xylene	93		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.53 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1058			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	183	X	41 - 157
Tetrachloro-m-xylene	153	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.55 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1118			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.4	2.0
alpha-BHC		ND		0.84	2.0
alpha-Chlordane		ND		1.1	2.0
beta-BHC		ND		1.3	2.0
4,4'-DDD		ND		0.71	2.0
4,4'-DDE		ND		0.45	2.0
4,4'-DDT		ND		0.73	2.0
delta-BHC		ND		1.4	2.0
Dieldrin		ND		0.54	2.0
Endosulfan I		ND		0.60	2.0
Endosulfan II		ND		0.94	2.0
Endosulfan sulfate		ND		1.0	2.0
Endrin		ND		0.58	2.0
Endrin aldehyde		ND		1.2	2.0
Endrin ketone		ND		0.73	2.0
gamma-BHC (Lindane)		ND		0.85	2.0
gamma-Chlordane		ND		0.48	2.0
Heptachlor		ND		1.3	2.0
Heptachlor epoxide		ND		0.92	2.0
Methoxychlor		ND		1.7	3.8
Toxaphene		ND		22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		41 - 157
Tetrachloro-m-xylene	171	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.55 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1118			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		41 - 157
Tetrachloro-m-xylene	103		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	30.27 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1138			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.1
alpha-BHC		ND		0.90	2.1
alpha-Chlordane		ND		1.2	2.1
beta-BHC		ND		1.4	2.1
4,4'-DDD		ND		0.77	2.1
4,4'-DDE		ND		0.48	2.1
4,4'-DDT		ND		0.78	2.1
delta-BHC		ND		1.5	2.1
Dieldrin		ND		0.58	2.1
Endosulfan I		ND		0.64	2.1
Endosulfan II		ND		1.0	2.1
Endosulfan sulfate		ND		1.1	2.1
Endrin		ND		0.62	2.1
Endrin aldehyde		ND		1.2	2.1
Endrin ketone		ND		0.78	2.1
gamma-BHC (Lindane)		ND		0.92	2.1
gamma-Chlordane		ND		0.52	2.1
Heptachlor		ND		1.4	2.1
Heptachlor epoxide		ND		0.99	2.1
Methoxychlor		ND		1.9	4.1
Toxaphene		ND		23	83

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		41 - 157
Tetrachloro-m-xylene	82		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	30.27 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1138			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		41 - 157
Tetrachloro-m-xylene	86		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.65 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1221			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.2
alpha-BHC		ND		0.93	2.2
alpha-Chlordane		ND		1.2	2.2
beta-BHC		ND		1.4	2.2
4,4'-DDD		ND		0.79	2.2
4,4'-DDE		ND		0.50	2.2
4,4'-DDT		ND		0.80	2.2
delta-BHC		ND		1.5	2.2
Dieldrin		ND		0.60	2.2
Endosulfan I		ND		0.66	2.2
Endosulfan II		ND		1.0	2.2
Endosulfan sulfate		1.1	J	1.1	2.2
Endrin		ND		0.64	2.2
Endrin aldehyde		ND		1.3	2.2
Endrin ketone		ND		0.80	2.2
gamma-BHC (Lindane)		ND		0.95	2.2
gamma-Chlordane		ND		0.54	2.2
Heptachlor		ND		1.4	2.2
Heptachlor epoxide		ND		1.0	2.2
Methoxychlor		9.2		1.9	4.2
Toxaphene		ND		24	86

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		41 - 157
Tetrachloro-m-xylene	95		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105542	Initial Weight/Volume:	29.65 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2013 1221			Injection Volume:	1 uL
Prep Date:	10/15/2013 0749			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		41 - 157
Tetrachloro-m-xylene	86		40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0529			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		24	38
Aroclor-1221		ND		18	38
Aroclor-1232		ND		16	38
Aroclor-1242		ND		15	38
Aroclor-1248		ND		19	38
Aroclor-1254		ND		19	38
Aroclor-1260		ND		19	38
Aroclor-1262		ND		31	38
Aroclor-1268		ND		16	38

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		14 - 163
Tetrachloro-m-xylene	73		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0529			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		14 - 163
Tetrachloro-m-xylene	99		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.83 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0544			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		24	37
Aroclor-1221		ND		18	37
Aroclor-1232		ND		16	37
Aroclor-1242		ND		15	37
Aroclor-1248		ND		19	37
Aroclor-1254		ND		19	37
Aroclor-1260		ND		19	37
Aroclor-1262		ND		30	37
Aroclor-1268		ND		16	37

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		14 - 163
Tetrachloro-m-xylene	69		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921
Client Matrix: Solid % Moisture: 10.9 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.83 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0544			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		14 - 163
Tetrachloro-m-xylene	92		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0558			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		25	39
Aroclor-1221		ND		19	39
Aroclor-1232		ND		17	39
Aroclor-1242		ND		16	39
Aroclor-1248		ND		20	39
Aroclor-1254		ND		20	39
Aroclor-1260		ND		20	39
Aroclor-1262		ND		32	39
Aroclor-1268		ND		17	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		14 - 163
Tetrachloro-m-xylene	72		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0558			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	48		14 - 163
Tetrachloro-m-xylene	96		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.53 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0613			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		25	40
Aroclor-1221		ND		19	40
Aroclor-1232		ND		17	40
Aroclor-1242		ND		16	40
Aroclor-1248		ND		20	40
Aroclor-1254		ND		20	40
Aroclor-1260		55		20	40
Aroclor-1262		ND		32	40
Aroclor-1268		ND		17	40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		14 - 163
Tetrachloro-m-xylene	64		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.53 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0613			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		14 - 163
Tetrachloro-m-xylene	82		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.55 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0627			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		24	38
Aroclor-1221		ND		18	38
Aroclor-1232		ND		16	38
Aroclor-1242		ND		15	38
Aroclor-1248		ND		20	38
Aroclor-1254		ND		20	38
Aroclor-1260		ND		20	38
Aroclor-1262		ND		31	38
Aroclor-1268		ND		16	38

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		14 - 163
Tetrachloro-m-xylene	71		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.55 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0627			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		14 - 163
Tetrachloro-m-xylene	121		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	30.27 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0710			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		26	41
Aroclor-1221		ND		20	41
Aroclor-1232		ND		17	41
Aroclor-1242		ND		16	41
Aroclor-1248		ND		21	41
Aroclor-1254		ND		21	41
Aroclor-1260		ND		21	41
Aroclor-1262		ND		33	41
Aroclor-1268		ND		17	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		14 - 163
Tetrachloro-m-xylene	66		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	30.27 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0710			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		14 - 163
Tetrachloro-m-xylene	86		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.65 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0754			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		27	42
Aroclor-1221		ND		20	42
Aroclor-1232		ND		18	42
Aroclor-1242		ND		17	42
Aroclor-1248		ND		22	42
Aroclor-1254		59		22	42
Aroclor-1260		ND		22	42
Aroclor-1262		ND		34	42
Aroclor-1268		ND		18	42

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		14 - 163
Tetrachloro-m-xylene	63		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105539	Initial Weight/Volume:	29.65 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/17/2013 0754			Injection Volume:	1 uL
Prep Date:	10/15/2013 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		14 - 163
Tetrachloro-m-xylene	79		29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820
Client Matrix: Solid % Moisture: 12.5 Date Received: 10/12/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Analysis Date:	10/22/2013 1337			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.5		0.32	1.6
Barium		25	B	0.076	21
Cadmium		0.042	J	0.038	0.53
Chromium		5.2		0.21	1.1
Lead		2.9		0.20	1.1
Selenium		ND		0.48	2.1
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	10/24/2013 1916			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.018	0.12

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028
Client Matrix: Solid % Moisture: 15.0 Date Received: 10/12/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.30 g
Analysis Date:	10/22/2013 1341			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0		0.27	1.4
Barium		11	J B	0.064	18
Cadmium		ND		0.033	0.45
Chromium		3.9		0.18	0.90
Lead		2.9		0.17	0.90
Selenium		ND		0.41	1.8
Silver		ND		0.090	0.90

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.59 g
Analysis Date:	10/24/2013 1918			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.018	0.12

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235
Client Matrix: Solid % Moisture: 15.2 Date Received: 10/12/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.48 g
Analysis Date:	10/22/2013 1345			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.7		0.24	1.2
Barium		23	B	0.057	16
Cadmium		0.10	J	0.029	0.40
Chromium		7.7		0.16	0.80
Lead		5.1		0.15	0.80
Selenium		ND		0.36	1.6
Silver		ND		0.080	0.80

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	10/24/2013 1920			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.027	J	0.017	0.12

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/12/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Analysis Date:	10/22/2013 1349			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.2		0.30	1.5
Barium		47	B	0.071	20
Cadmium		ND		0.036	0.50
Chromium		7.7		0.20	1.0
Lead		5.3		0.19	1.0
Selenium		ND		0.45	2.0
Silver		ND		0.10	1.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	10/24/2013 1922			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018	J	0.018	0.12

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445
Client Matrix: Solid % Moisture: 19.8 Date Received: 10/12/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.21 g
Analysis Date:	10/22/2013 1353			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		8.9		0.31	1.5
Barium		77	B	0.073	21
Cadmium		0.049	J	0.037	0.52
Chromium		17		0.21	1.0
Lead		9.4		0.20	1.0
Selenium		ND		0.46	2.1
Silver		ND		0.10	1.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	10/24/2013 1926			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.032	J	0.018	0.12

Client: EnSafe, Inc. Job Number: 240-30170-1

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/12/2013 0920

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Analysis Date:	10/22/2013 1405			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.34	1.7
Barium		67	B	0.079	22
Cadmium		0.10	J	0.040	0.56
Chromium		14		0.22	1.1
Lead		6.0		0.21	1.1
Selenium		ND		0.50	2.2
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Analysis Date:	10/24/2013 1928			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.036	J	0.021	0.14

General Chemistry

Client Sample ID: **CARFDPZ03S09**

Lab Sample ID: 240-30170-1 Date Sampled: 10/11/2013 0820

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1537						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1537						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARFDPZ01S09**

Lab Sample ID: 240-30170-2 Date Sampled: 10/11/2013 0921

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARFDPZ02S11**

Lab Sample ID: 240-30170-3 Date Sampled: 10/11/2013 1028

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW4QDS04**

Lab Sample ID: 240-30170-4 Date Sampled: 10/11/2013 1235

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARFDPZ04S09**

Lab Sample ID: 240-30170-5 Date Sampled: 10/11/2013 1340

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARDCDPZ03S10**

Lab Sample ID: 240-30170-6 Date Sampled: 10/11/2013 1445

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW34S10**

Lab Sample ID: 240-30170-7 Date Sampled: 10/11/2013 1543

Client Matrix: Solid Date Received: 10/12/2013 0920

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Indicates an Estimated Value for TICs
	*	LCS or LCSD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	F	Duplicate RPD exceeds the control limit

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30170-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-105649					
LCS 240-105649/2-A	Lab Control Sample	T	Solid	5035	
MB 240-105649/1-A	Method Blank	T	Solid	5035	
240-30170-2	CARFDPZ01S09	T	Solid	5035	
240-30170-7	CARMW34S10	T	Solid	5035	
Prep Batch: 240-106085					
240-30170-1	CARFDPZ03S09	T	Solid	5035	
240-30170-3	CARFDPZ02S11	T	Solid	5035	
240-30170-4	CARMW4QDS04	T	Solid	5035	
240-30170-5	CARFDPZ04S09	T	Solid	5035	
240-30170-6	CARDCDPZ03S10	T	Solid	5035	
Analysis Batch:240-106848					
LCS 240-105649/2-A	Lab Control Sample	T	Solid	8260C	240-105649
MB 240-105649/1-A	Method Blank	T	Solid	8260C	240-105649
240-30170-2	CARFDPZ01S09	T	Solid	8260C	240-105649
240-30170-7	CARMW34S10	T	Solid	8260C	240-105649
Analysis Batch:240-106880					
LCS 240-106880/19	Lab Control Sample	T	Solid	8260C	
MB 240-106880/22	Method Blank	T	Solid	8260C	
240-30170-1	CARFDPZ03S09	T	Solid	8260C	240-106085
240-30170-3	CARFDPZ02S11	T	Solid	8260C	240-106085
240-30170-4	CARMW4QDS04	T	Solid	8260C	240-106085
240-30170-5	CARFDPZ04S09	T	Solid	8260C	240-106085
240-30170-6	CARDCDPZ03S10	T	Solid	8260C	240-106085

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30170-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-105383					
LCS 240-105383/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-105383/23-A	Method Blank	T	Solid	3540C	
240-30170-1	CARFDPZ03S09	T	Solid	3540C	
240-30170-2	CARFDPZ01S09	T	Solid	3540C	
240-30170-3	CARFDPZ02S11	T	Solid	3540C	
240-30170-4	CARMW4QDS04	T	Solid	3540C	
240-30170-5	CARFDPZ04S09	T	Solid	3540C	
240-30170-6	CARDCDPZ03S10	T	Solid	3540C	
240-30170-7	CARMW34S10	T	Solid	3540C	
Analysis Batch:240-106337					
LCS 240-105383/24-A	Lab Control Sample	T	Solid	8270D	240-105383
MB 240-105383/23-A	Method Blank	T	Solid	8270D	240-105383
240-30170-1	CARFDPZ03S09	T	Solid	8270D	240-105383
240-30170-2	CARFDPZ01S09	T	Solid	8270D	240-105383
240-30170-3	CARFDPZ02S11	T	Solid	8270D	240-105383
240-30170-4	CARMW4QDS04	T	Solid	8270D	240-105383
240-30170-5	CARFDPZ04S09	T	Solid	8270D	240-105383
240-30170-6	CARDCDPZ03S10	T	Solid	8270D	240-105383
Analysis Batch:240-106711					
240-30170-7	CARMW34S10	T	Solid	8270D	240-105383

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30170-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-105539					
LCS 240-105539/12-A	Lab Control Sample	T	Solid	3540C	
MB 240-105539/11-A	Method Blank	T	Solid	3540C	
240-30170-1	CARFDPZ03S09	T	Solid	3540C	
240-30170-2	CARFDPZ01S09	T	Solid	3540C	
240-30170-3	CARFDPZ02S11	T	Solid	3540C	
240-30170-4	CARMW4QDS04	T	Solid	3540C	
240-30170-5	CARFDPZ04S09	T	Solid	3540C	
240-30170-5MS	Matrix Spike	T	Solid	3540C	
240-30170-5MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-30170-6	CARDCDPZ03S10	T	Solid	3540C	
240-30170-7	CARMW34S10	T	Solid	3540C	
Prep Batch: 240-105542					
LCS 240-105542/11-A	Lab Control Sample	T	Solid	3540C	
MB 240-105542/10-A	Method Blank	T	Solid	3540C	
240-30170-1	CARFDPZ03S09	T	Solid	3540C	
240-30170-2	CARFDPZ01S09	T	Solid	3540C	
240-30170-3	CARFDPZ02S11	T	Solid	3540C	
240-30170-4	CARMW4QDS04	T	Solid	3540C	
240-30170-5	CARFDPZ04S09	T	Solid	3540C	
240-30170-6	CARDCDPZ03S10	T	Solid	3540C	
240-30170-6MS	Matrix Spike	T	Solid	3540C	
240-30170-6MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-30170-7	CARMW34S10	T	Solid	3540C	
Analysis Batch:240-105901					
PB 240-105901/2	Preparation / Extraction Blank	T	Solid	8082A	
LCS 240-105539/12-A	Lab Control Sample	T	Solid	8082A	240-105539
MB 240-105539/11-A	Method Blank	T	Solid	8082A	240-105539
240-30170-1	CARFDPZ03S09	T	Solid	8082A	240-105539
240-30170-2	CARFDPZ01S09	T	Solid	8082A	240-105539
240-30170-3	CARFDPZ02S11	T	Solid	8082A	240-105539
240-30170-4	CARMW4QDS04	T	Solid	8082A	240-105539
240-30170-5	CARFDPZ04S09	T	Solid	8082A	240-105539
240-30170-5MS	Matrix Spike	T	Solid	8082A	240-105539
240-30170-5MSD	Matrix Spike Duplicate	T	Solid	8082A	240-105539
240-30170-6	CARDCDPZ03S10	T	Solid	8082A	240-105539
240-30170-7	CARMW34S10	T	Solid	8082A	240-105539

Client: EnSafe, Inc. Job Number: 240-30170-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-108014					
PB 240-108014/3	Preparation / Extraction Blank	T	Solid	8081B	
LCS 240-105542/11-A	Lab Control Sample	T	Solid	8081B	240-105542
MB 240-105542/10-A	Method Blank	T	Solid	8081B	240-105542
240-30170-1	CARFDPZ03S09	T	Solid	8081B	240-105542
240-30170-2	CARFDPZ01S09	T	Solid	8081B	240-105542
240-30170-3	CARFDPZ02S11	T	Solid	8081B	240-105542
240-30170-4	CARMW4QDS04	T	Solid	8081B	240-105542
240-30170-5	CARFDPZ04S09	T	Solid	8081B	240-105542
240-30170-6	CARDCDPZ03S10	T	Solid	8081B	240-105542
240-30170-6MS	Matrix Spike	T	Solid	8081B	240-105542
240-30170-6MSD	Matrix Spike Duplicate	T	Solid	8081B	240-105542
240-30170-7	CARMW34S10	T	Solid	8081B	240-105542

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30170-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-105998					
LCS 240-105998/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-105998/1-A	Method Blank	T	Solid	3050B	
240-30170-1	CARFDPZ03S09	T	Solid	3050B	
240-30170-3	CARFDPZ02S11	T	Solid	3050B	
240-30170-4	CARMW4QDS04	T	Solid	3050B	
240-30170-5	CARFDPZ04S09	T	Solid	3050B	
240-30170-6	CARDCDPZ03S10	T	Solid	3050B	
240-30170-7	CARMW34S10	T	Solid	3050B	
Prep Batch: 240-106021					
LCS 240-106021/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-106021/1-A	Method Blank	T	Solid	7471B	
240-30170-1	CARFDPZ03S09	T	Solid	7471B	
240-30170-3	CARFDPZ02S11	T	Solid	7471B	
240-30170-4	CARMW4QDS04	T	Solid	7471B	
240-30170-5	CARFDPZ04S09	T	Solid	7471B	
240-30170-6	CARDCDPZ03S10	T	Solid	7471B	
240-30170-7	CARMW34S10	T	Solid	7471B	
Analysis Batch:240-106684					
LCS 240-105998/2-A	Lab Control Sample	T	Solid	6010C	240-105998
MB 240-105998/1-A	Method Blank	T	Solid	6010C	240-105998
240-30170-1	CARFDPZ03S09	T	Solid	6010C	240-105998
240-30170-3	CARFDPZ02S11	T	Solid	6010C	240-105998
240-30170-4	CARMW4QDS04	T	Solid	6010C	240-105998
240-30170-5	CARFDPZ04S09	T	Solid	6010C	240-105998
240-30170-6	CARDCDPZ03S10	T	Solid	6010C	240-105998
240-30170-7	CARMW34S10	T	Solid	6010C	240-105998
Analysis Batch:240-107033					
LCS 240-106021/2-A	Lab Control Sample	T	Solid	7471B	240-106021
MB 240-106021/1-A	Method Blank	T	Solid	7471B	240-106021
240-30170-1	CARFDPZ03S09	T	Solid	7471B	240-106021
240-30170-3	CARFDPZ02S11	T	Solid	7471B	240-106021
240-30170-4	CARMW4QDS04	T	Solid	7471B	240-106021
240-30170-5	CARFDPZ04S09	T	Solid	7471B	240-106021
240-30170-6	CARDCDPZ03S10	T	Solid	7471B	240-106021
240-30170-7	CARMW34S10	T	Solid	7471B	240-106021

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30170-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-105425					
240-30170-2	CARFDPZ01S09	T	Solid	Moisture	
240-30170-3	CARFDPZ02S11	T	Solid	Moisture	
240-30170-4	CARMW4QDS04	T	Solid	Moisture	
240-30170-4DU	Duplicate	T	Solid	Moisture	
240-30170-5	CARFDPZ04S09	T	Solid	Moisture	
240-30170-6	CARDCDPZ03S10	T	Solid	Moisture	
240-30170-7	CARMW34S10	T	Solid	Moisture	
Analysis Batch:240-105667					
240-30170-1	CARFDPZ03S09	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30170-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30170-1	CARFDPZ03S09	86	89	91	89
240-30170-3	CARFDPZ02S11	88	94	95	95
240-30170-4	CARMW4QDS04	89	92	99	88
240-30170-5	CARFDPZ04S09	87	84	92	86
240-30170-6	CARDCDPZ03S10	85	87	91	90

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc.

Job Number: 240-30170-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MB 240-106880/22		93	91	89	94
LCS 240-106880/19		103	102	104	105

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	67-125
DBFM = Dibromofluoromethane (Surr)	37-132
BFB = 4-Bromofluorobenzene (Surr)	52-136
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123

Client: EnSafe, Inc.

Job Number: 240-30170-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MRL 240-106848/5		113	114	114	111

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150

Client: EnSafe, Inc. Job Number: 240-30170-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
240-30170-2	CARFDPZ01S09	107	103	108	100
240-30170-7	CARMW34S10	84	83	86	83
MB 240-105649/1-A		107	107	111	107
LCS 240-105649/2-A		90	95	95	90

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	33-134
DBFM = Dibromofluoromethane (Surr)	30-122
BFB = 4-Bromofluorobenzene (Surr)	26-141
DCA = 1,2-Dichloroethane-d4 (Surr)	39-128

Client: EnSafe, Inc. Job Number: 240-30170-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-30170-1	CARFDPZ03S09	72	70	64	73	96	63
240-30170-2	CARFDPZ01S09	74	72	75	70	101	49
240-30170-3	CARFDPZ02S11	74	68	69	70	99	55
240-30170-4	CARMW4QDS04	73	66	65	71	99	67
240-30170-5	CARFDPZ04S09	66	61	58	63	92	43
240-30170-6	CARDCDPZ03S10	62	56	58	53	83	48
240-30170-7	CARMW34S10	58	61	84	62	72	46
MB 240-105383/23-A		78	72	73	77	109	55
LCS 240-105383/24-A		69	69	65	69	95	72

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	24-110
2FP = 2-Fluorophenol (Surr)	24-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
PHL = Phenol-d5 (Surr)	26-110
TPH = Terphenyl-d14 (Surr)	36-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110

Client: EnSafe, Inc. Job Number: 240-30170-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30170-1	CARFDPZ03S09	105	108	103	100
240-30170-2	CARFDPZ01S09	104	110	90	97
240-30170-3	CARFDPZ02S11	113	112	107	98
240-30170-4	CARMW4QDS04	183X	120	153X	93
240-30170-5	CARFDPZ04S09	107	105	103	171X
240-30170-6	CARDCDPZ03S10	98	99	86	82
240-30170-7	CARMW34S10	81	84	86	95
MB 240-105542/10-A		106	98	162X	381X
LCS 240-105542/11-A		100	101	177X	326X
240-30170-6 MS	CARDCDPZ03S10 MS	108	104	96	88
240-30170-6 MSD	CARDCDPZ03S10 MSD	104	97	105	84

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc. Job Number: 240-30170-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30170-1	CARFDPZ03S09	81	76	99	73
240-30170-2	CARFDPZ01S09	82	78	92	69
240-30170-3	CARFDPZ02S11	48	84	96	72
240-30170-4	CARMW4QDS04	74	78	82	64
240-30170-5	CARFDPZ04S09	87	86	121	71
240-30170-6	CARDCDPZ03S10	82	77	86	66
240-30170-7	CARMW34S10	57	97	79	63
MB 240-105539/11-A		85	77	149	71
LCS 240-105539/12-A		83	79	115	77
240-30170-5 MS	CARFDPZ04S09 MS	89	84	100	82
240-30170-5 MSD	CARFDPZ04S09 MSD	83	76	107	77

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-105649 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-105649/1-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233237.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1734	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		43	1000
1,2-Dibromo-3-Chloropropane	ND		50	500
1,2-Dichlorobenzene	ND		8.6	250
Acetone	ND		170	1000
1,3-Dichlorobenzene	ND		4.8	250
Benzene	ND		12	250
1,4-Dichlorobenzene	ND		8.0	250
Bromoform	ND		19	250
Bromomethane	ND		29	250
Carbon disulfide	ND		12	250
1,1-Dichloroethane	ND		17	250
Carbon tetrachloride	ND		6.4	250
1,2-Dichloroethane	ND		10	250
Chlorobenzene	ND		6.4	250
Chlorodibromomethane	ND		12	250
1,1-Dichloroethene	ND		18	250
Chloroethane	ND		61	250
1,2-Dichloropropane	ND		8.2	250
Chloroform	ND		8.8	250
Chloromethane	ND		14	250
cis-1,2-Dichloroethene	ND		6.9	250
2-Hexanone	ND		20	1000
cis-1,3-Dichloropropene	ND		7.9	250
Dichlorodifluoromethane	ND		16	250
Dichlorobromomethane	ND		9.9	250
4-Methyl-2-pentanone (MIBK)	ND		48	1000
Ethylbenzene	ND		5.4	250
Isopropylbenzene	ND		6.5	250
Methyl tert-butyl ether	ND		7.1	250
Methylene Chloride	ND		77	250
m-Xylene & p-Xylene	19.9	J	6.2	250
o-Xylene	ND		8.5	250
1,1,2,2-Tetrachloroethane	ND		8.9	250
Styrene	ND		5.6	250
Tetrachloroethene	21.0	J	12	250
Toluene	ND		17	250
trans-1,2-Dichloroethene	25.3	J	9.2	250
trans-1,3-Dichloropropene	ND		20	250
1,2,4-Trichlorobenzene	ND		7.3	250
1,1,1-Trichloroethane	ND		21	250
1,1,2-Trichloroethane	ND		12	250
Ethylene Dibromide	ND		10	250
Trichloroethene	ND		9.7	250
Trichlorofluoromethane	ND		16	250
Vinyl chloride	ND		18	250

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-105649

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-105649/1-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233237.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1734	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	19.9	J	6.2	500

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	107	33 - 134
Dibromofluoromethane (Surr)	107	30 - 122
4-Bromofluorobenzene (Surr)	111	26 - 141
1,2-Dichloroethane-d4 (Surr)	107	39 - 128

Method Blank TICs- Batch: 240-105649

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
109-99-9	Tetrahydrofuran	4.66	80.5	J
	Unknown	2.14	549	T J

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-105649

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-105649/2-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233238.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1759	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	2000	2080	104	10 - 199	
1,2-Dibromo-3-Chloropropane	1000	873	87	10 - 129	
1,2-Dichlorobenzene	1000	1030	103	68 - 118	
Acetone	2000	1920	96	16 - 156	
1,3-Dichlorobenzene	1000	1040	104	66 - 121	
Benzene	1000	956	96	70 - 117	
1,4-Dichlorobenzene	1000	996	100	65 - 119	
Bromoform	1000	812	81	10 - 117	
Bromomethane	1000	744	74	10 - 114	
Carbon disulfide	1000	465	47	10 - 132	
1,1-Dichloroethane	1000	961	96	63 - 117	
Carbon tetrachloride	1000	975	97	29 - 118	
1,2-Dichloroethane	1000	974	97	68 - 119	
Chlorobenzene	1000	1020	102	71 - 116	
Chlorodibromomethane	1000	861	86	22 - 113	
1,1-Dichloroethene	1000	932	93	44 - 143	
Chloroethane	1000	997	100	10 - 120	
1,2-Dichloropropane	1000	1010	101	73 - 113	
Chloroform	1000	970	97	63 - 116	
Chloromethane	1000	681	68	25 - 110	
cis-1,2-Dichloroethene	1000	928	93	60 - 125	
2-Hexanone	2000	1930	96	43 - 130	
cis-1,3-Dichloropropene	1000	941	94	25 - 120	
Dichlorodifluoromethane	1000	603	60	10 - 110	
Dichlorobromomethane	1000	904	90	28 - 123	
4-Methyl-2-pentanone (MIBK)	2000	1920	96	49 - 121	
Ethylbenzene	1000	1020	102	66 - 119	
Isopropylbenzene	1000	1040	104	61 - 123	
Methyl tert-butyl ether	1000	1020	102	34 - 157	
Methylene Chloride	1000	969	97	27 - 172	
m-Xylene & p-Xylene	1000	1100	110	67 - 118	
o-Xylene	1000	1020	102	68 - 120	
1,1,2,2-Tetrachloroethane	1000	879	88	54 - 121	
Styrene	1000	1040	104	60 - 120	
Tetrachloroethene	1000	1050	105	58 - 131	
Toluene	1000	1020	102	66 - 123	
trans-1,2-Dichloroethene	1000	1090	109	58 - 121	
trans-1,3-Dichloropropene	1000	964	96	22 - 122	
1,2,4-Trichlorobenzene	1000	1070	107	41 - 135	
1,1,1-Trichloroethane	1000	1000	100	38 - 122	
1,1,2-Trichloroethane	1000	912	91	74 - 114	

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-105649

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-105649/2-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105649	Lab File ID:	U1233238.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 1759	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1330				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	1000	944	94	47 - 123	
Trichloroethene	1000	1000	100	59 - 124	
Trichlorofluoromethane	1000	1020	102	17 - 145	
Vinyl chloride	1000	758	76	33 - 110	
Xylenes, Total	2000	2120	106	68 - 119	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	90	33 - 134
Dibromofluoromethane (Surr)	95	30 - 122
4-Bromofluorobenzene (Surr)	95	26 - 141
1,2-Dichloroethane-d4 (Surr)	90	39 - 128

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Reporting Limit Check - Batch: 240-106848 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MRL 240-106848/5	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	U1233236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/23/2013 1710	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.00200	ND	205	10 - 150	^
1,2-Dibromo-3-Chloropropane	0.00100	ND	75	10 - 150	
1,2-Dichlorobenzene	0.00100	ND	125	10 - 150	
Acetone	0.00200	ND	24	10 - 150	
1,3-Dichlorobenzene	0.00100	ND	129	10 - 150	
Benzene	0.00100	ND	131	10 - 150	
1,4-Dichlorobenzene	0.00100	ND	122	10 - 150	
Bromoform	0.00100	ND	85	10 - 150	
Bromomethane	0.00100	ND	140	10 - 150	
Carbon disulfide	0.00100	ND	109	10 - 150	
1,1-Dichloroethane	0.00100	ND	122	10 - 150	
Carbon tetrachloride	0.00100	ND	131	10 - 150	
1,2-Dichloroethane	0.00100	ND	129	10 - 150	
Chlorobenzene	0.00100	ND	128	10 - 150	
Chlorodibromomethane	0.00100	ND	107	10 - 150	
1,1-Dichloroethene	0.00100	ND	109	10 - 150	
Chloroethane	0.00100	ND	128	10 - 150	
1,2-Dichloropropane	0.00100	ND	139	10 - 150	
Chloroform	0.00100	ND	115	10 - 150	
Chloromethane	0.00100	ND	122	10 - 150	
cis-1,2-Dichloroethene	0.00100	ND	128	10 - 150	
2-Hexanone	0.00200	ND	104	10 - 150	
cis-1,3-Dichloropropene	0.00100	ND	105	10 - 150	
Dichlorodifluoromethane	0.00100	ND	125	10 - 150	
Dichlorobromomethane	0.00100	ND	114	10 - 150	
4-Methyl-2-pentanone (MIBK)	0.00200	ND	113	10 - 150	
Ethylbenzene	0.00100	ND	115	10 - 150	
Isopropylbenzene	0.00100	ND	106	10 - 150	
Methyl tert-butyl ether	0.00100	ND	122	10 - 150	
Methylene Chloride	0.00100	ND	61	10 - 150	
m-Xylene & p-Xylene	0.00100	ND	112	10 - 150	
o-Xylene	0.00100	ND	106	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	110	10 - 150	
Styrene	0.00100	ND	114	10 - 150	
Tetrachloroethene	0.00100	ND	99	10 - 150	
Toluene	0.00100	ND	131	10 - 150	
trans-1,2-Dichloroethene	0.00100	ND	124	10 - 150	
trans-1,3-Dichloropropene	0.00100	ND	106	10 - 150	
1,2,4-Trichlorobenzene	0.00100	ND	112	10 - 150	
1,1,1-Trichloroethane	0.00100	ND	132	10 - 150	
1,1,2-Trichloroethane	0.00100	ND	116	10 - 150	

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Reporting Limit Check - Batch: 240-106848

Method: 8260C
Preparation: N/A

Lab Sample ID:	MRL 240-106848/5	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	U1233236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/23/2013 1710	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	0.00100	ND	123	10 - 150	
Trichloroethene	0.00100	ND	107	10 - 150	
Trichlorofluoromethane	0.00100	ND	162	10 - 150	^
Vinyl chloride	0.00100	ND	124	10 - 150	
Xylenes, Total	0.00200	ND	0	10 - 150	^

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	113	10 - 150
Dibromofluoromethane (Surr)	114	10 - 150
4-Bromofluorobenzene (Surr)	114	10 - 150
1,2-Dichloroethane-d4 (Surr)	111	10 - 150

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-106880

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-106880/22	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88239.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/24/2013 1233	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		1.4	20
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
Acetone	ND		6.3	20
1,3-Dichlorobenzene	ND		0.35	5.0
Benzene	ND		0.23	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
Carbon disulfide	ND		0.44	5.0
1,1-Dichloroethane	ND		0.36	5.0
Carbon tetrachloride	ND		0.37	5.0
1,2-Dichloroethane	ND		0.34	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
1,1-Dichloroethene	ND		0.52	5.0
Chloroethane	ND		0.86	5.0
1,2-Dichloropropane	ND		0.69	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
2-Hexanone	ND		0.63	20
cis-1,3-Dichloropropene	ND		0.34	5.0
Dichlorodifluoromethane	ND		0.50	5.0
Dichlorobromomethane	ND		0.28	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Ethylbenzene	ND		0.26	5.0
Isopropylbenzene	ND		0.16	5.0
Methyl tert-butyl ether	ND		0.43	5.0
Methylene Chloride	ND		0.67	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Styrene	ND		0.15	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Ethylene Dibromide	ND		0.50	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-106880/22	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88239.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/24/2013 1233	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	93	67 - 125
Dibromofluoromethane (Surr)	91	37 - 132
4-Bromofluorobenzene (Surr)	89	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Method Blank TICs- Batch: 240-106880

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-106880

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106880/19	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	50.0	62.1	124	52 - 131	
1,2-Dibromo-3-Chloropropane	25.0	24.8	99	61 - 132	
1,2-Dichlorobenzene	25.0	27.3	109	76 - 110	
Acetone	50.0	66.1	132	41 - 137	
1,3-Dichlorobenzene	25.0	25.9	104	78 - 111	
Benzene	25.0	28.2	113	79 - 112	*
1,4-Dichlorobenzene	25.0	25.4	101	75 - 110	
Bromoform	25.0	28.7	115	62 - 133	
Bromomethane	25.0	28.2	113	42 - 136	
Carbon disulfide	25.0	28.1	112	62 - 146	
1,1-Dichloroethane	25.0	27.8	111	76 - 115	
Carbon tetrachloride	25.0	28.5	114	71 - 129	
1,2-Dichloroethane	25.0	28.4	114	72 - 120	
Chlorobenzene	25.0	27.1	108	78 - 110	
Chlorodibromomethane	25.0	28.7	115	72 - 127	
1,1-Dichloroethene	25.0	26.5	106	75 - 135	
Chloroethane	25.0	26.2	105	58 - 117	
1,2-Dichloropropane	25.0	29.1	116	87 - 113	*
Chloroform	25.0	28.7	115	77 - 114	*
Chloromethane	25.0	25.6	102	50 - 110	
cis-1,2-Dichloroethene	25.0	28.6	114	76 - 113	*
2-Hexanone	50.0	62.3	125	64 - 136	
cis-1,3-Dichloropropene	25.0	30.6	123	74 - 128	
Dichlorodifluoromethane	25.0	24.9	99	26 - 113	
Dichlorobromomethane	25.0	29.0	116	84 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	67.6	135	67 - 135	
Ethylbenzene	25.0	27.2	109	79 - 117	
Isopropylbenzene	25.0	26.9	107	76 - 122	
Methyl tert-butyl ether	25.0	31.4	125	49 - 165	
Methylene Chloride	25.0	29.4	118	75 - 118	
m-Xylene & p-Xylene	25.0	27.1	109	80 - 117	
o-Xylene	25.0	28.7	115	80 - 120	
1,1,2,2-Tetrachloroethane	25.0	27.8	111	77 - 123	
Styrene	25.0	27.8	111	87 - 117	
Tetrachloroethene	25.0	26.0	104	79 - 114	
Toluene	25.0	27.1	108	75 - 111	
trans-1,2-Dichloroethene	25.0	28.4	113	78 - 117	
trans-1,3-Dichloropropene	25.0	32.1	128	73 - 131	
1,2,4-Trichlorobenzene	25.0	22.5	90	64 - 124	
1,1,1-Trichloroethane	25.0	27.7	111	77 - 126	
1,1,2-Trichloroethane	25.0	28.5	114	83 - 112	*

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-106880

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106880/19	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	25.0	29.5	118	83 - 117	*
Trichloroethene	25.0	27.9	112	79 - 113	
Trichlorofluoromethane	25.0	25.7	103	57 - 146	
Vinyl chloride	25.0	26.5	106	57 - 114	
Xylenes, Total	50.0	55.8	112	80 - 118	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	67 - 125
Dibromofluoromethane (Surr)	102	37 - 132
4-Bromofluorobenzene (Surr)	104	52 - 136
1,2-Dichloroethane-d4 (Surr)	105	58 - 123

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105383/23-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1145	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.76	6.7
Acenaphthylene	ND		0.35	6.7
Acetophenone	ND		9.2	100
Anthracene	ND		0.78	6.7
Benzo[a]anthracene	ND		0.63	6.7
Benzo[a]pyrene	ND		0.64	6.7
Benzo[b]fluoranthene	ND		0.59	6.7
Benzo[g,h,i]perylene	ND		0.35	6.7
Benzo[k]fluoranthene	ND		0.68	6.7
Bis(2-chloroethoxy)methane	ND		22	100
Bis(2-chloroethyl)ether	ND		2.0	100
bis (2-chloroisopropyl) ether	ND		9.5	100
Bis(2-ethylhexyl) phthalate	52.5	J	19	70
4-Bromophenyl phenyl ether	ND		13	50
Butyl benzyl phthalate	ND		10	70
Carbazole	ND		27	50
4-Chloroaniline	ND		17	150
4-Chloro-3-methylphenol	ND		21	150
2-Chlorophenol	ND		8.2	50
4-Chlorophenyl phenyl ether	ND		13	50
Chrysene	ND		1.1	6.7
Dibenz(a,h)anthracene	ND		0.66	6.7
Dibenzofuran	ND		0.66	50
3,3'-Dichlorobenzidine	ND		18	100
2,4-Dichlorophenol	ND		20	150
Diethyl phthalate	ND		16	70
2,4-Dimethylphenol	ND		20	150
Dimethyl phthalate	ND		17	70
Di-n-butyl phthalate	135		15	70
4,6-Dinitro-2-methylphenol	ND		9.2	150
2,4-Dinitrophenol	ND		21	330
2,4-Dinitrotoluene	ND		17	200
2,6-Dinitrotoluene	ND		21	200
Di-n-octyl phthalate	ND		7.9	70
Fluoranthene	ND		0.55	6.7
Fluorene	ND		0.53	6.7
Hexachlorobenzene	ND		2.1	6.7
Hexachlorobutadiene	ND		5.6	50
Hexachlorocyclopentadiene	ND		8.1	330
Hexachloroethane	ND		9.0	50
Indeno[1,2,3-cd]pyrene	ND		0.35	6.7
Isophorone	ND		13	50
2-Methylnaphthalene	ND		0.50	6.7
2-Methylphenol	ND		11	200
3 & 4 Methylphenol	ND		20	400

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105383/23-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1145	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	ND		0.82	6.7
2-Nitroaniline	ND		9.1	200
3-Nitroaniline	ND		16	200
4-Nitroaniline	ND		26	200
Nitrobenzene	ND		2.2	100
2-Nitrophenol	ND		8.3	50
4-Nitrophenol	ND		17	330
N-Nitrosodi-n-propylamine	ND		6.3	50
N-Nitrosodiphenylamine	ND		21	50
Pentachlorophenol	ND		9.1	150
Phenanthrene	ND		0.73	6.7
Phenol	ND		7.3	50
Pyrene	ND		0.44	6.7
2,4,5-Trichlorophenol	ND		25	150
2,4,6-Trichlorophenol	ND		8.9	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	78	24 - 110
2-Fluorophenol (Surr)	72	24 - 110
Nitrobenzene-d5 (Surr)	73	20 - 110
Phenol-d5 (Surr)	77	26 - 110
Terphenyl-d14 (Surr)	109	36 - 110
2,4,6-Tribromophenol (Surr)	55	10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105383/24-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1209	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	451	68	38 - 110	
Acenaphthylene	667	412	62	40 - 110	
Acetophenone	667	400	60	40 - 110	
Anthracene	667	486	73	48 - 110	
Benzo[a]anthracene	667	501	75	50 - 110	
Benzo[a]pyrene	667	481	72	44 - 110	
Benzo[b]fluoranthene	667	502	75	43 - 110	
Benzo[g,h,i]perylene	667	503	75	51 - 110	
Benzo[k]fluoranthene	667	520	78	38 - 105	
Bis(2-chloroethoxy)methane	667	440	66	32 - 110	
Bis(2-chloroethyl)ether	667	429	64	34 - 110	
bis (2-chloroisopropyl) ether	667	423	63	29 - 110	
Bis(2-ethylhexyl) phthalate	667	513	77	50 - 110	
4-Bromophenyl phenyl ether	667	482	72	39 - 110	
Butyl benzyl phthalate	667	496	74	51 - 110	
Carbazole	667	532	80	50 - 110	
4-Chloroaniline	667	378	57	30 - 110	
4-Chloro-3-methylphenol	667	463	69	48 - 110	
2-Chlorophenol	667	434	65	37 - 110	
4-Chlorophenyl phenyl ether	667	447	67	40 - 110	
Chrysene	667	494	74	50 - 110	
Dibenz(a,h)anthracene	667	514	77	51 - 110	
Dibenzofuran	667	444	67	43 - 110	
3,3'-Dichlorobenzidine	1330	1010	76	28 - 110	
2,4-Dichlorophenol	667	452	68	39 - 110	
Diethyl phthalate	667	464	70	52 - 110	
2,4-Dimethylphenol	667	430	65	29 - 110	
Dimethyl phthalate	667	449	67	50 - 110	
Di-n-butyl phthalate	667	549	82	51 - 110	
4,6-Dinitro-2-methylphenol	1330	724	54	10 - 110	
2,4-Dinitrophenol	1330	603	45	10 - 110	
2,4-Dinitrotoluene	667	477	72	48 - 110	
2,6-Dinitrotoluene	667	446	67	45 - 110	
Di-n-octyl phthalate	667	484	73	48 - 110	
Fluoranthene	667	496	74	51 - 110	
Fluorene	667	456	68	46 - 110	
Hexachlorobenzene	667	456	68	43 - 110	
Hexachlorobutadiene	667	420	63	29 - 110	
Hexachlorocyclopentadiene	667	308	46	12 - 110	J
Hexachloroethane	667	429	64	30 - 110	
Indeno[1,2,3-cd]pyrene	667	491	74	50 - 110	

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-105383

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105383/24-A	Analysis Batch:	240-106337	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105383	Lab File ID:	31021007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/21/2013 1209	Units:	ug/Kg	Final Weight/Volume:	2.0 mL
Prep Date:	10/14/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	667	413	62	36 - 110	
2-Methylnaphthalene	667	442	66	36 - 110	
2-Methylphenol	667	422	63	41 - 110	
3 & 4 Methylphenol	667	464	70	40 - 110	
Naphthalene	667	416	62	36 - 110	
2-Nitroaniline	667	463	69	45 - 110	
3-Nitroaniline	667	470	70	44 - 110	
4-Nitroaniline	667	504	76	48 - 110	
Nitrobenzene	667	423	64	32 - 110	
2-Nitrophenol	667	430	64	34 - 110	
4-Nitrophenol	1330	916	69	28 - 110	
N-Nitrosodi-n-propylamine	667	438	66	38 - 110	
N-Nitrosodiphenylamine	1330	949	71	46 - 110	
Pentachlorophenol	1330	809	61	10 - 110	
Phenanthrene	667	459	69	49 - 110	
Phenol	667	435	65	38 - 110	
Pyrene	667	495	74	49 - 110	
2,4,5-Trichlorophenol	667	437	66	25 - 110	
2,4,6-Trichlorophenol	667	427	64	12 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	69	24 - 110
2-Fluorophenol (Surr)	69	24 - 110
Nitrobenzene-d5 (Surr)	65	20 - 110
Phenol-d5 (Surr)	69	26 - 110
Terphenyl-d14 (Surr)	95	36 - 110
2,4,6-Tribromophenol (Surr)	72	10 - 110

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-105542 **Method: 8081B**
Preparation: 3540C

Lab Sample ID:	MB 240-105542/10-A	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105542	Lab File ID:	P3110117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/01/2013 1242	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0749			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	98		41 - 157
Tetrachloro-m-xylene	381	X	40 - 149

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	106		41 - 157
Tetrachloro-m-xylene	162	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Lab Control Sample - Batch: 240-105542

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-105542/11-A	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105542	Lab File ID:	P3110108.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/01/2013 0935	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0749			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	31.9	96	40 - 145	
alpha-BHC	33.3	31.9	96	50 - 153	
alpha-Chlordane	33.3	32.6	98	42 - 150	
beta-BHC	33.3	32.4	97	43 - 153	
4,4'-DDD	33.3	34.0	102	53 - 160	
4,4'-DDE	33.3	34.7	104	46 - 143	
4,4'-DDT	33.3	43.8	131	40 - 157	
delta-BHC	33.3	30.1	90	54 - 152	
Dieldrin	33.3	33.7	101	51 - 154	
Endosulfan I	33.3	24.2	73	40 - 148	
Endosulfan II	33.3	34.0	102	42 - 137	
Endosulfan sulfate	33.3	39.1	117	50 - 153	
Endrin	33.3	38.9	117	55 - 147	
Endrin aldehyde	33.3	35.3	106	43 - 158	
Endrin ketone	33.3	35.4	106	41 - 142	
gamma-BHC (Lindane)	33.3	33.2	100	44 - 160	
gamma-Chlordane	33.3	33.0	99	47 - 156	
Heptachlor	33.3	31.2	94	47 - 137	
Heptachlor epoxide	33.3	32.9	99	53 - 153	
Methoxychlor	33.3	36.3	109	40 - 152	

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	101		41 - 157
Tetrachloro-m-xylene	326	X	40 - 149

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	100		41 - 157
Tetrachloro-m-xylene	177	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105542

Method: 8081B
Preparation: 3540C

MS Lab Sample ID:	240-30170-6	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105542	Lab File ID:	P3110115.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.72 g
Analysis Date:	11/01/2013 1200			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0749			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-30170-6	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105542	Lab File ID:	P3110119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.57 g
Analysis Date:	11/01/2013 1324			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0749			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	99	94	41 - 137	5	40		
alpha-BHC	103	98	22 - 160	5	40		
alpha-Chlordane	97	93	38 - 145	5	40		
beta-BHC	146	121	27 - 160	18	40		
4,4'-DDD	109	104	16 - 160	5	40		
4,4'-DDE	106	101	37 - 150	5	40		
4,4'-DDT	178	167	24 - 160	6	40	F	F
delta-BHC	89	85	10 - 160	4	40		
Dieldrin	104	98	37 - 160	5	40		
Endosulfan I	72	68	10 - 160	5	40		
Endosulfan II	109	104	16 - 150	5	40		
Endosulfan sulfate	125	118	10 - 160	6	40		
Endrin	128	122	41 - 160	5	40		
Endrin aldehyde	124	116	10 - 160	6	38		
Endrin ketone	121	113	11 - 160	6	40		
gamma-BHC (Lindane)	106	101	18 - 160	4	40		
gamma-Chlordane	99	95	33 - 160	4	40		
Heptachlor	115	110	26 - 160	4	40		
Heptachlor epoxide	102	98	43 - 160	3	29		
Methoxychlor	158	155	10 - 160	2	39		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	97	41 - 157
Tetrachloro-m-xylene	88	84	40 - 149

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	108	104	41 - 157
Tetrachloro-m-xylene	96	105	40 - 149

Client: EnSafe, Inc. Job Number: 240-30170-1

Preparation / Extraction Blank - Batch: 240-108014 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108014/3	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/01/2013 0740	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30170-1

Preparation / Extraction Blank - Batch: 240-108014 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108014/3	Analysis Batch:	240-108014	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/01/2013 0740	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Method Blank - Batch: 240-105539

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-105539/11-A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-105539	Lab File ID:	P1200020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/17/2013 0725	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0747			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	77	14 - 163
Tetrachloro-m-xylene	71	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	14 - 163
Tetrachloro-m-xylene	149	29 - 151

Lab Control Sample - Batch: 240-105539

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-105539/12-A	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-105539	Lab File ID:	P1200023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/17/2013 0808	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0747			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	261	78	62 - 120	
Aroclor-1260	333	267	80	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	14 - 163
Tetrachloro-m-xylene	77	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	14 - 163
Tetrachloro-m-xylene	115	29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105539

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-30170-5	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-105539	Lab File ID:	P1200017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.73 g
Analysis Date:	10/17/2013 0641			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0747			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-30170-5	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-105539	Lab File ID:	P1200018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.52 g
Analysis Date:	10/17/2013 0656			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 0747			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	81	75	22 - 157	7	30		
Aroclor-1260	83	76	13 - 161	9	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	76	14 - 163
Tetrachloro-m-xylene	82	77	29 - 151

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	83	14 - 163
Tetrachloro-m-xylene	100	107	29 - 151

Client: EnSafe, Inc. Job Number: 240-30170-1

Preparation / Extraction Blank - Batch: 240-105901 **Method: 8082A**
Preparation: N/A

Lab Sample ID:	PB 240-105901/2	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/17/2013 0254	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		63	99
Aroclor-1221	ND		48	99
Aroclor-1232	ND		42	99
Aroclor-1242	ND		39	99
Aroclor-1248	ND		51	99
Aroclor-1254	ND		51	99
Aroclor-1260	ND		51	99
Aroclor-1262	ND		81	99
Aroclor-1268	ND		42	99

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Preparation / Extraction Blank - Batch: 240-105901 **Method: 8082A**
Preparation: N/A

Lab Sample ID:	PB 240-105901/2	Analysis Batch:	240-105901	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/17/2013 0254	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		63	99
Aroclor-1221	ND		48	99
Aroclor-1232	ND		42	99
Aroclor-1242	ND		39	99
Aroclor-1248	ND		51	99
Aroclor-1254	ND		51	99
Aroclor-1260	ND		51	99
Aroclor-1262	ND		81	99
Aroclor-1268	ND		42	99

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-105998

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 240-105998/1-A	Analysis Batch:	240-106684	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/22/2013 1234	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.0989	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-105998

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCS 240-105998/2-A	Analysis Batch:	240-106684	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/22/2013 1238	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	195	97	80 - 120	
Barium	200	191	95	80 - 120	
Cadmium	5.00	4.88	98	80 - 120	
Chromium	20.0	19.1	96	80 - 120	
Lead	50.0	47.1	94	80 - 120	
Selenium	200	192	96	80 - 120	
Silver	5.00	4.94	99	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30170-1

Method Blank - Batch: 240-106021

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-106021/1-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1900	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-106021

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-106021/2-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1903	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.846	101	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30170-1

Duplicate - Batch: 240-105425

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-30170-4	Analysis Batch:	240-105425	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/14/2013 1233	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	85	75	12	20	
Percent Moisture	15	25	47	20	F

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TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-30170 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

Chain of Custody Record

4.4

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
EnSafe	Shane Goodnight	10-11-13	013617
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
220 Athens Way STE 410	615-255-9300		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Nashville / TN / 37228	Joe Matthews	Amy McCormick	
Project Name and Location (State)	**Carrier/Waybill Number**		
Carrier - New York (TR-1 Sub Slab Investigation)			
Contract/Purchase Order/Quote No.			
15641			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	MeOH	Analysis: dry weight	VOCs	SVOCs, pesticides, total PCBs	RCRA Metals	Special Instructions/ Conditions of Receipt
~~CARFDPZ03S09~~ CARFDPZ03S09	10-11-13	0820				X	5						1	1	3	1	1	6 total
CARFDPZ01S09	10-11-13	0921				X	3						1		3	1		4 total (little recovery)
CARFDPZ02S11	10-11-13	1028				X	5						1	1	3	1	1	6 TOTAL
CARMW40DS04	10-11-13	1235				X	6						1	1	3	1	1	
CARFDPZ04S09	10-11-13	1340				X	5						1	1	3	1	1	
CARDCDPZ03S10	10-11-13	1445				X	5						1	1	3	1	1	
CARMW34S10	10-11-13	1543				X	5						1	1	3	1	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time
1. Relinquished By	10/11/13	1648
2. Relinquished By	10-11-13	1900
3. Relinquished By		
1. Received By	10-11-13	16:58
2. Received By	10/12/13	920
3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 30170
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by: Meredith Greer

Cooler Received on 10-12-13 Opened on 10-12-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. 4.4 °C	Corrected Cooler Temp. 4.4 °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC376062
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Meredith Greer

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

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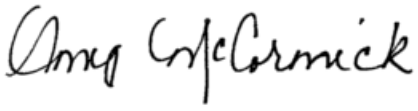
ANALYTICAL REPORT

Job Number: 240-30223-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/18/2013 11:03 AM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/18/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30223-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/15/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.1 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11 (240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/15/2013 and 10/17/2013 and analyzed on 10/24/2013 and 10/25/2013.

Samples CARMW31S11 (240-30223-2)[4X], CARMW33S11 (240-30223-4)[4X] and CARMW32S10 (240-30223-6)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for CARMW31S11 (240-30223-2).

m-Xylene & p-Xylene, trans-1,2-Dichloroethene and Xylenes, Total were detected in method blank MB 240-105961/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone and Methylene Chloride were detected in method blank MB 240-106986/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

2-Butanone (MEK) and trans-1,2-Dichloroethene were detected in method blank MB 240-106986/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 106880 recovered outside control limits for 1,1,2-Trichloroethane, 1,2-Dichloropropane, Benzene, Chloroform, cis-1,2-Dichloroethene, and Ethylene Dibromide. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Xylenes, Total failed the recovery criteria low for MRL 240-106848/5. 2-Butanone (MEK) and Trichlorofluoromethane failed the recovery criteria high.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11 (240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/16/2013 and analyzed on 10/23/2013, 10/26/2013 and 10/28/2013.

Samples CARDCDPZ04S11 (240-30223-1)[4X], CARMW31S11 (240-30223-2)[10X], CARMW33S11 (240-30223-4)[20X], CARDCDPZ01S11 (240-30223-5)[20X], CARMW32S10 (240-30223-6)[4X] and CARMW30S10 (240-30223-7)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Di-n-butyl phthalate was detected in method blanks MB 240-105716/23-A and MB 240-105717/9-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated samples reported results above the MDL and/or RL, the results have been flagged.

Nitrobenzene-d5 (Surr) failed the surrogate recovery criteria high for CARDCDPZ04S11 (240-30223-1).

Nitrobenzene-d5 (Surr) failed the surrogate recovery criteria low for CARMW31S11 (240-30223-2), CARMW33S11 (240-30223-4), CARMW33S11MS (240-30223-4MS), CARMW33S11MSD (240-30223-4MSD), CARMW32S10 (240-30223-6), and CARMW30S10 (240-30223-7).

Several analytes failed the recovery criteria low for the MS of sample CARMW33S11MS (240-30223-4) in batch 240-107250. 2,4-Dimethylphenol, 2,4-Dinitrophenol and Bis(2-chloroethoxy)methane failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MSD of sample CARMW33S11MSD (240-30223-4) in batch 240-107250, Several analytes failed the recovery criteria high. Also, Bis(2-chloroethoxy)methane exceeded the RPD limit.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11 (240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/16/2013 and analyzed on 11/03/2013, 11/04/2013, 11/05/2013 and 11/09/2013.

Sample CARMW33S11 (240-30223-4)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The opening continuing calibration verification (CCV) associated with batch 109089 recovered DDT and Methoxychlor above the upper control limits. Sample CARDCDPZ01S11 (240-30223-5) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109089 recovered DDT, Methoxychlor, delta-BHC, and Heptachlor above the upper control limits. Sample CARDCDPZ01S11 (240-30223-5) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 108129 recovered DDD, DDT, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, and Methoxychlor above the upper control limits. Samples CARDCDPZ02S11 (240-30223-3), CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARMW32S10 (240-30223-6) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing Toxaphene continuing calibration verification (CCV) associated with batch 108129 recovered above the upper control limit. Samples CARDCDPZ02S11 (240-30223-3), CARDCDPZ04S11 (240-30223-1), CARMW30S10 (240-30223-7), CARMW31S11 (240-30223-2), CARMW32S10 (240-30223-6), and CARMW33S11 (240-30223-4) associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11

(240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/16/2013 and analyzed on 10/18/2013.

Samples CARDCDPZ04S11 (240-30223-1)[5X], CARMW31S11 (240-30223-2)[5X] and CARMW33S11 (240-30223-4)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples CARDCDPZ04S11 (240-30223-1), CARMW30S10 (240-30223-7), and CARMW31S11 (240-30223-2) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur. No other difficulties were encountered during the PCBs analysis.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARMW33S11 (240-30223-4).

No other difficulties were encountered during the polychlorinated biphenyls (PCBs) analysis.

All quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11 (240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/17/2013 and analyzed on 10/22/2013.

Barium was detected in method blank MB 240-105998/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11 (240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/17/2013 and analyzed on 10/24/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples CARDCDPZ04S11 (240-30223-1), CARMW31S11 (240-30223-2), CARDCDPZ02S11 (240-30223-3), CARMW33S11 (240-30223-4), CARDCDPZ01S11 (240-30223-5), CARMW32S10 (240-30223-6) and CARMW30S10 (240-30223-7) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/15/2013.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-1	**CARDCDPZ04S11**					
Acetone		56		18	ug/Kg	8260C
2-Butanone (MEK)		5.6	J	18	ug/Kg	8260C
Ethylbenzene		1.8	J	4.5	ug/Kg	8260C
Methylene Chloride		5.2		4.5	ug/Kg	8260C
trans-1,2-Dichloroethene		1.3	J	4.5	ug/Kg	8260C
Trichloroethene		0.39	J	4.5	ug/Kg	8260C
Acenaphthene		21	J	34	ug/Kg	8270D
Anthracene		35		34	ug/Kg	8270D
Benzo[a]pyrene		25	J	34	ug/Kg	8270D
Benzo[b]fluoranthene		26	J	34	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		100	J	350	ug/Kg	8270D
Dibenzofuran		30	J	250	ug/Kg	8270D
Fluoranthene		160		34	ug/Kg	8270D
Fluorene		49		34	ug/Kg	8270D
2-Methylnaphthalene		430		34	ug/Kg	8270D
Naphthalene		660		34	ug/Kg	8270D
Phenanthrene		190		34	ug/Kg	8270D
Pyrene		110		34	ug/Kg	8270D
Methoxychlor		3.1	J	4.2	ug/Kg	8081B
Arsenic		4.4		1.7	mg/Kg	6010C
Barium		81	B	23	mg/Kg	6010C
Cadmium		0.063	J	0.57	mg/Kg	6010C
Chromium		18		1.1	mg/Kg	6010C
Lead		9.1		1.1	mg/Kg	6010C
Mercury		0.044	J	0.14	mg/Kg	7471B
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-2	**CARMW31S11**					
1,2,4-Trichlorobenzene		67	J	1000	ug/Kg	8260C
Anthracene		120		83	ug/Kg	8270D
Benzo[a]anthracene		120		83	ug/Kg	8270D
Benzo[a]pyrene		67	J	83	ug/Kg	8270D
Benzo[b]fluoranthene		89		83	ug/Kg	8270D
Chrysene		110		83	ug/Kg	8270D
Dibenzofuran		86	J	620	ug/Kg	8270D
Fluoranthene		390		83	ug/Kg	8270D
Fluorene		120		83	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		44	J	83	ug/Kg	8270D
2-Methylnaphthalene		1200		83	ug/Kg	8270D
Naphthalene		2000		83	ug/Kg	8270D
Phenanthrene		530		83	ug/Kg	8270D
Pyrene		290		83	ug/Kg	8270D
Arsenic		8.8		1.6	mg/Kg	6010C
Barium		89	B	21	mg/Kg	6010C
Cadmium		0.063	J	0.52	mg/Kg	6010C
Chromium		20		1.0	mg/Kg	6010C
Lead		8.9		1.0	mg/Kg	6010C
Mercury		0.038	J	0.13	mg/Kg	7471B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-3	**CARDCDPZ02S11**					
Acetone		24		18	ug/Kg	8260C
2-Butanone (MEK)		2.2	J	18	ug/Kg	8260C
1,2-Dichlorobenzene		0.86	J	4.6	ug/Kg	8260C
1,1-Dichloroethane		1.4	J	4.6	ug/Kg	8260C
Methylene Chloride		5.5		4.6	ug/Kg	8260C
trans-1,2-Dichloroethene		0.42	J	4.6	ug/Kg	8260C
Anthracene		12		8.3	ug/Kg	8270D
Benzo[a]anthracene		25		8.3	ug/Kg	8270D
Benzo[a]pyrene		14		8.3	ug/Kg	8270D
Benzo[b]fluoranthene		23		8.3	ug/Kg	8270D
Benzo[k]fluoranthene		7.2	J	8.3	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		88		87	ug/Kg	8270D
Chrysene		24		8.3	ug/Kg	8270D
Dibenzofuran		9.7	J	62	ug/Kg	8270D
Di-n-butyl phthalate		24	J B	87	ug/Kg	8270D
Fluoranthene		86		8.3	ug/Kg	8270D
Fluorene		15		8.3	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		7.2	J	8.3	ug/Kg	8270D
2-Methylnaphthalene		120		8.3	ug/Kg	8270D
Naphthalene		170		8.3	ug/Kg	8270D
Phenanthrene		90		8.3	ug/Kg	8270D
Pyrene		69		8.3	ug/Kg	8270D
Aroclor-1254		33	J	42	ug/Kg	8082A
Arsenic		5.6		1.6	mg/Kg	6010C
Barium		120	B	21	mg/Kg	6010C
Cadmium		0.051	J	0.52	mg/Kg	6010C
Chromium		17		1.0	mg/Kg	6010C
Lead		7.1		1.0	mg/Kg	6010C
Mercury		0.020	J	0.11	mg/Kg	7471B
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-4	**CARMW33S11**					
Anthracene		90	J	170	ug/Kg	8270D
Benzo[a]anthracene		170		170	ug/Kg	8270D
Benzo[b]fluoranthene		130	J	170	ug/Kg	8270D
Chrysene		140	J	170	ug/Kg	8270D
Fluoranthene		470		170	ug/Kg	8270D
Fluorene		120	J	170	ug/Kg	8270D
2-Methylnaphthalene		3400		170	ug/Kg	8270D
Naphthalene		7400		170	ug/Kg	8270D
Phenanthrene		570		170	ug/Kg	8270D
Pyrene		360		170	ug/Kg	8270D
Arsenic		6.2		1.8	mg/Kg	6010C
Barium		80	B	24	mg/Kg	6010C
Cadmium		0.10	J	0.60	mg/Kg	6010C
Chromium		21		1.2	mg/Kg	6010C
Lead		10		1.2	mg/Kg	6010C
Mercury		0.038	J	0.13	mg/Kg	7471B
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-5	**CARDCDPZ01S11**					
Acetone		43	B	21	ug/Kg	8260C
Chloroethane		2.0	J	5.1	ug/Kg	8260C
cis-1,2-Dichloroethene		2.3	J	5.1	ug/Kg	8260C
1,2-Dichlorobenzene		2.8	J	5.1	ug/Kg	8260C
1,1-Dichloroethane		81		5.1	ug/Kg	8260C
Methylene Chloride		8.3	B	5.1	ug/Kg	8260C
trans-1,2-Dichloroethene		2.6	J B	5.1	ug/Kg	8260C
1,2,4-Trichlorobenzene		1.1	J	5.1	ug/Kg	8260C
Trichloroethene		2.3	J	5.1	ug/Kg	8260C
Vinyl chloride		2.4	J	5.1	ug/Kg	8260C
Acenaphthene		240		170	ug/Kg	8270D
Anthracene		310		170	ug/Kg	8270D
Benzo[a]anthracene		290		170	ug/Kg	8270D
Benzo[a]pyrene		180		170	ug/Kg	8270D
Benzo[b]fluoranthene		270		170	ug/Kg	8270D
Benzo[k]fluoranthene		120	J	170	ug/Kg	8270D
Chrysene		310		170	ug/Kg	8270D
Dibenzofuran		270	J	1200	ug/Kg	8270D
Fluoranthene		1100		170	ug/Kg	8270D
Fluorene		350		170	ug/Kg	8270D
Phenanthrene		1700		170	ug/Kg	8270D
Pyrene		860		170	ug/Kg	8270D
alpha-Chlordane		1.8	J	2.1	ug/Kg	8081B
Aroclor-1260		38	J	40	ug/Kg	8082A
Arsenic		2.8		1.7	mg/Kg	6010C
Barium		62	B	23	mg/Kg	6010C
Cadmium		0.073	J	0.58	mg/Kg	6010C
Chromium		14		1.2	mg/Kg	6010C
Lead		6.6		1.2	mg/Kg	6010C
Mercury		0.022	J	0.13	mg/Kg	7471B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-6	**CARMW32S10**					
1,1,1-Trichloroethane		140	J	520	ug/Kg	8260C
1,1-Dichloroethane		200	J	520	ug/Kg	8260C
cis-1,2-Dichloroethene		210	J	520	ug/Kg	8260C
Tetrachloroethene		66	J	520	ug/Kg	8260C
Toluene		99	J	520	ug/Kg	8260C
trans-1,2-Dichloroethene		36	J B	520	ug/Kg	8260C
Trichloroethene		64	J	520	ug/Kg	8260C
Xylenes, Total		16	J B	1000	ug/Kg	8260C
Anthracene		39		34	ug/Kg	8270D
Dibenzofuran		26	J	260	ug/Kg	8270D
Fluoranthene		160		34	ug/Kg	8270D
Fluorene		40		34	ug/Kg	8270D
2-Methylnaphthalene		730		34	ug/Kg	8270D
Naphthalene		1500		34	ug/Kg	8270D
Phenanthrene		180		34	ug/Kg	8270D
Pyrene		140		34	ug/Kg	8270D
Aroclor-1254		56		43	ug/Kg	8082A
Arsenic		5.8		1.7	mg/Kg	6010C
Barium		90	B	22	mg/Kg	6010C
Cadmium		0.080	J	0.55	mg/Kg	6010C
Chromium		14		1.1	mg/Kg	6010C
Lead		9.3		1.1	mg/Kg	6010C
Mercury		0.033	J	0.12	mg/Kg	7471B
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30223-7	**CARMW30S10**					
trans-1,2-Dichloroethene		17	J B	240	ug/Kg	8260C
Anthracene		35		33	ug/Kg	8270D
Benzo[b]fluoranthene		29	J	33	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		130	J	350	ug/Kg	8270D
Dibenzofuran		21	J	250	ug/Kg	8270D
Fluoranthene		130		33	ug/Kg	8270D
Fluorene		33		33	ug/Kg	8270D
2-Methylnaphthalene		310		33	ug/Kg	8270D
Naphthalene		380		33	ug/Kg	8270D
Phenanthrene		140		33	ug/Kg	8270D
Pyrene		99		33	ug/Kg	8270D
Aroclor-1254		29	J	41	ug/Kg	8082A
Arsenic		6.3		1.5	mg/Kg	6010C
Barium		70	B	20	mg/Kg	6010C
Cadmium		0.044	J	0.50	mg/Kg	6010C
Chromium		18		1.0	mg/Kg	6010C
Lead		9.0		1.0	mg/Kg	6010C
Mercury		0.034	J	0.14	mg/Kg	7471B
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30223-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30223-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Lavey, Tim	TJL1
SW846 8270D	Gruber, John	JMG
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Kuster, Rhonda	RSK
SW846 6010C	Counts, Karen	KLC
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Woodward, Bruce	BLW

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30223-1	CARDCDPZ04S11	Solid	10/14/2013 0823	10/15/2013 0910
240-30223-2	CARMW31S11	Solid	10/14/2013 0908	10/15/2013 0910
240-30223-3	CARDCDPZ02S11	Solid	10/14/2013 1040	10/15/2013 0910
240-30223-4	CARMW33S11	Solid	10/14/2013 1205	10/15/2013 0910
240-30223-5	CARDCDPZ01S11	Solid	10/14/2013 1345	10/15/2013 0910
240-30223-6	CARMW32S10	Solid	10/14/2013 1500	10/15/2013 0910
240-30223-7	CARMW30S10	Solid	10/14/2013 1610	10/15/2013 0910

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88247.D
Dilution:	1.0			Initial Weight/Volume:	7.019 g
Analysis Date:	10/24/2013 1524			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		56		5.7	18
Benzene		ND	*	0.21	4.5
Bromoform		ND		0.30	4.5
Bromomethane		ND		0.49	4.5
2-Butanone (MEK)		5.6	J	1.3	18
Carbon disulfide		ND		0.40	4.5
Carbon tetrachloride		ND		0.33	4.5
Chlorobenzene		ND		0.30	4.5
Chlorodibromomethane		ND		0.50	4.5
Chloroethane		ND		0.78	4.5
Chloroform		ND	*	0.26	4.5
Chloromethane		ND		0.37	4.5
cis-1,2-Dichloroethene		ND	*	0.33	4.5
cis-1,3-Dichloropropene		ND		0.31	4.5
1,2-Dibromo-3-Chloropropane		ND		1.2	9.0
1,2-Dichlorobenzene		ND		0.33	4.5
1,3-Dichlorobenzene		ND		0.32	4.5
1,4-Dichlorobenzene		ND		0.60	4.5
Dichlorobromomethane		ND		0.25	4.5
Dichlorodifluoromethane		ND		0.45	4.5
1,1-Dichloroethane		ND		0.33	4.5
1,2-Dichloroethane		ND		0.31	4.5
1,1-Dichloroethene		ND		0.47	4.5
1,2-Dichloropropane		ND	*	0.62	4.5
Ethylbenzene		1.8	J	0.24	4.5
Ethylene Dibromide		ND	*	0.45	4.5
2-Hexanone		ND		0.57	18
Isopropylbenzene		ND		0.14	4.5
Methylene Chloride		5.2		0.61	4.5
4-Methyl-2-pentanone (MIBK)		ND		0.49	18
Methyl tert-butyl ether		ND		0.39	4.5
Styrene		ND		0.14	4.5
1,1,2,2-Tetrachloroethane		ND		0.31	4.5
Tetrachloroethene		ND		0.47	4.5
Toluene		ND		0.24	4.5
trans-1,2-Dichloroethene		1.3	J	0.37	4.5
trans-1,3-Dichloropropene		ND		0.49	4.5
1,2,4-Trichlorobenzene		ND		0.24	4.5
1,1,1-Trichloroethane		ND		0.51	4.5
1,1,2-Trichloroethane		ND	*	0.35	4.5
Trichloroethene		0.39	J	0.38	4.5
Trichlorofluoromethane		ND		0.31	4.5
Vinyl chloride		ND		0.35	4.5
Xylenes, Total		ND		0.32	9.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88247.D
Dilution:	1.0			Initial Weight/Volume:	7.019 g
Analysis Date:	10/24/2013 1524			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		52 - 136
Dibromofluoromethane (Surr)	91		37 - 132
1,2-Dichloroethane-d4 (Surr)	96		58 - 123
Toluene-d8 (Surr)	86		67 - 125

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88247.D
Dilution:	1.0			Initial Weight/Volume:	7.019 g
Analysis Date:	10/24/2013 1524			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1839-88-9	Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	8.24	53	T J N
50876-31-8	Cyclohexane, 1,1,3,5-tetramethyl-, trans	8.47	110	T J N
13990-93-7	Trans-1,4-diethylcyclohexane	8.60	70	T J N
17301-94-9	Nonane, 4-methyl-	8.71	63	T J N
2847-72-5	Decane, 4-methyl-	9.47	37	T J N
1678-93-9	Cyclohexane, butyl-	9.78	51	T J N
13151-35-4	Decane, 5-methyl-	9.87	3300	T J N
91-17-8	Naphthalene, decahydro-	10.26	62	T J N
61141-79-5	Cyclohexane, 1,2-diethyl-1-methyl-	10.44	43	T J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	10.53	49	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233254.D
Dilution:	4.0			Initial Weight/Volume:	5.943 g
Analysis Date:	10/24/2013 0025			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		87	1000
1,1,2,2-Tetrachloroethane		ND		37	1000
1,1,2-Trichloroethane		ND		50	1000
1,1-Dichloroethane		ND		71	1000
1,1-Dichloroethene		ND		75	1000
1,2,4-Trichlorobenzene		67	J	30	1000
1,2-Dibromo-3-Chloropropane		ND		210	2100
1,2-Dichlorobenzene		ND		36	1000
1,2-Dichloroethane		ND		42	1000
1,2-Dichloropropane		ND		34	1000
1,3-Dichlorobenzene		ND		20	1000
1,4-Dichlorobenzene		ND		33	1000
2-Butanone (MEK)		ND		180	4200
2-Hexanone		ND		83	4200
4-Methyl-2-pentanone (MIBK)		ND		200	4200
Acetone		ND		710	4200
Benzene		ND		50	1000
Bromoform		ND		79	1000
Bromomethane		ND		120	1000
Carbon disulfide		ND		50	1000
Carbon tetrachloride		ND		27	1000
Chlorobenzene		ND		27	1000
Chlorodibromomethane		ND		50	1000
Chloroethane		ND		250	1000
Chloroform		ND		37	1000
Chloromethane		ND		58	1000
cis-1,2-Dichloroethene		ND		29	1000
cis-1,3-Dichloropropene		ND		33	1000
Dichlorodifluoromethane		ND		67	1000
Dichlorobromomethane		ND		41	1000
Ethylbenzene		ND		22	1000
Isopropylbenzene		ND		27	1000
Methyl tert-butyl ether		ND		30	1000
Methylene Chloride		ND		320	1000
Styrene		ND		23	1000
Tetrachloroethene		ND		50	1000
Toluene		ND		71	1000
trans-1,2-Dichloroethene		ND		38	1000
trans-1,3-Dichloropropene		ND		83	1000
Trichloroethene		ND		40	1000
Trichlorofluoromethane		ND		67	1000
Vinyl chloride		ND		75	1000
Xylenes, Total		ND		26	2100
Ethylene Dibromide		ND		42	1000

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233254.D
Dilution:	4.0			Initial Weight/Volume:	5.943 g
Analysis Date:	10/24/2013 0025			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	124		33 - 134
Dibromofluoromethane (Surr)	126	X	30 - 122
4-Bromofluorobenzene (Surr)	130		26 - 141
1,2-Dichloroethane-d4 (Surr)	120		39 - 128

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233254.D
Dilution:	4.0			Initial Weight/Volume:	5.943 g
Analysis Date:	10/24/2013 0025			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	10.48	6000	T J N
53366-38-4	Cyclopentane, (2-methylbutyl)-	10.77	6300	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.99	12000	T J N
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	11.11	9800	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.19	8300	T J N
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.30	13000	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.68	6100	T J N
1678-92-8	Cyclohexane, propyl-	11.75	5300	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.90	5000	T J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	12.32	5100	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88249.D
Dilution:	1.0			Initial Weight/Volume:	6.846 g
Analysis Date:	10/24/2013 1607			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		24		5.7	18
Benzene		ND	*	0.21	4.6
Bromoform		ND		0.30	4.6
Bromomethane		ND		0.49	4.6
2-Butanone (MEK)		2.2	J	1.3	18
Carbon disulfide		ND		0.40	4.6
Carbon tetrachloride		ND		0.34	4.6
Chlorobenzene		ND		0.30	4.6
Chlorodibromomethane		ND		0.50	4.6
Chloroethane		ND		0.78	4.6
Chloroform		ND	*	0.26	4.6
Chloromethane		ND		0.37	4.6
cis-1,2-Dichloroethene		ND	*	0.33	4.6
cis-1,3-Dichloropropene		ND		0.31	4.6
1,2-Dibromo-3-Chloropropane		ND		1.2	9.1
1,2-Dichlorobenzene		0.86	J	0.33	4.6
1,3-Dichlorobenzene		ND		0.32	4.6
1,4-Dichlorobenzene		ND		0.60	4.6
Dichlorobromomethane		ND		0.26	4.6
Dichlorodifluoromethane		ND		0.46	4.6
1,1-Dichloroethane		1.4	J	0.33	4.6
1,2-Dichloroethane		ND		0.31	4.6
1,1-Dichloroethene		ND		0.47	4.6
1,2-Dichloropropane		ND	*	0.63	4.6
Ethylbenzene		ND		0.24	4.6
Ethylene Dibromide		ND	*	0.46	4.6
2-Hexanone		ND		0.57	18
Isopropylbenzene		ND		0.15	4.6
Methylene Chloride		5.5		0.61	4.6
4-Methyl-2-pentanone (MIBK)		ND		0.49	18
Methyl tert-butyl ether		ND		0.39	4.6
Styrene		ND		0.14	4.6
1,1,2,2-Tetrachloroethane		ND		0.31	4.6
Tetrachloroethene		ND		0.47	4.6
Toluene		ND		0.25	4.6
trans-1,2-Dichloroethene		0.42	J	0.37	4.6
trans-1,3-Dichloropropene		ND		0.49	4.6
1,2,4-Trichlorobenzene		ND		0.25	4.6
1,1,1-Trichloroethane		ND		0.51	4.6
1,1,2-Trichloroethane		ND	*	0.36	4.6
Trichloroethene		ND		0.38	4.6
Trichlorofluoromethane		ND		0.31	4.6
Vinyl chloride		ND		0.36	4.6
Xylenes, Total		ND		0.32	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88249.D
Dilution:	1.0			Initial Weight/Volume:	6.846 g
Analysis Date:	10/24/2013 1607			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		52 - 136
Dibromofluoromethane (Surr)	88		37 - 132
1,2-Dichloroethane-d4 (Surr)	92		58 - 123
Toluene-d8 (Surr)	90		67 - 125

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88249.D
Dilution:	1.0			Initial Weight/Volume:	6.846 g
Analysis Date:	10/24/2013 1607			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	9.76	53	T J N
13151-34-3	Decane, 3-methyl-	10.02	60	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.25	98	T J N
1120-21-4	Undecane	10.33	93	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	10.42	81	T J N
3221-61-2	Octane, 2-methyl-	10.53	120	T J N
3282-53-9	Cyclohexene, 1-butyl-	10.81	49	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.87	49	T J N
29949-27-7	n-Amylcyclohexane	10.94	53	T J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	11.09	63	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233255.D
Dilution:	4.0			Initial Weight/Volume:	6.141 g
Analysis Date:	10/24/2013 0049			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		86	1000
1,1,2,2-Tetrachloroethane		ND		37	1000
1,1,2-Trichloroethane		ND		49	1000
1,1-Dichloroethane		ND		70	1000
1,1-Dichloroethene		ND		74	1000
1,2,4-Trichlorobenzene		ND		30	1000
1,2-Dibromo-3-Chloropropane		ND		210	2100
1,2-Dichlorobenzene		ND		35	1000
1,2-Dichloroethane		ND		41	1000
1,2-Dichloropropane		ND		34	1000
1,3-Dichlorobenzene		ND		20	1000
1,4-Dichlorobenzene		ND		33	1000
2-Butanone (MEK)		ND		180	4100
2-Hexanone		ND		82	4100
4-Methyl-2-pentanone (MIBK)		ND		200	4100
Acetone		ND		700	4100
Benzene		ND		49	1000
Bromoform		ND		78	1000
Bromomethane		ND		120	1000
Carbon disulfide		ND		49	1000
Carbon tetrachloride		ND		26	1000
Chlorobenzene		ND		26	1000
Chlorodibromomethane		ND		49	1000
Chloroethane		ND		250	1000
Chloroform		ND		36	1000
Chloromethane		ND		58	1000
cis-1,2-Dichloroethene		ND		28	1000
cis-1,3-Dichloropropene		ND		32	1000
Dichlorodifluoromethane		ND		66	1000
Dichlorobromomethane		ND		41	1000
Ethylbenzene		ND		22	1000
Isopropylbenzene		ND		27	1000
Methyl tert-butyl ether		ND		29	1000
Methylene Chloride		ND		320	1000
Styrene		ND		23	1000
Tetrachloroethene		ND		49	1000
Toluene		ND		70	1000
trans-1,2-Dichloroethene		ND		38	1000
trans-1,3-Dichloropropene		ND		82	1000
Trichloroethene		ND		40	1000
Trichlorofluoromethane		ND		66	1000
Vinyl chloride		ND		74	1000
Xylenes, Total		ND		25	2100
Ethylene Dibromide		ND		41	1000

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233255.D
Dilution:	4.0			Initial Weight/Volume:	6.141 g
Analysis Date:	10/24/2013 0049			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	106		33 - 134
Dibromofluoromethane (Surr)	106		30 - 122
4-Bromofluorobenzene (Surr)	110		26 - 141
1,2-Dichloroethane-d4 (Surr)	100		39 - 128

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233255.D
Dilution:	4.0			Initial Weight/Volume:	6.141 g
Analysis Date:	10/24/2013 0049			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	10.48	5400	T J N
71186-27-1	1-Ethyl-2,2,6-trimethylcyclohexane	10.77	5600	T J N
91-17-8	Naphthalene, decahydro-	10.99	11000	T J N
1120-21-4	Undecane	11.11	9100	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.19	7800	T J N
2870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.30	12000	T J N
513-20-2	Bicyclo[3.1.0]hexan-2-one, 5-(1-methylet	11.61	5000	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.68	6900	T J N
4292-92-6	Cyclohexane, pentyl-	11.75	5200	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.90	5800	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88279.D
Dilution:	1.0			Initial Weight/Volume:	6.005 g
Analysis Date:	10/25/2013 1202			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		43	B	6.5	21
Benzene		ND		0.24	5.1
Bromoform		ND		0.34	5.1
Bromomethane		ND		0.55	5.1
2-Butanone (MEK)		ND		1.4	21
Carbon disulfide		ND		0.45	5.1
Carbon tetrachloride		ND		0.38	5.1
Chlorobenzene		ND		0.34	5.1
Chlorodibromomethane		ND		0.56	5.1
Chloroethane		2.0	J	0.88	5.1
Chloroform		ND		0.30	5.1
Chloromethane		ND		0.42	5.1
cis-1,2-Dichloroethene		2.3	J	0.37	5.1
cis-1,3-Dichloropropene		ND		0.35	5.1
1,2-Dibromo-3-Chloropropane		ND		1.3	10
1,2-Dichlorobenzene		2.8	J	0.37	5.1
1,3-Dichlorobenzene		ND		0.36	5.1
1,4-Dichlorobenzene		ND		0.68	5.1
Dichlorobromomethane		ND		0.29	5.1
Dichlorodifluoromethane		ND		0.51	5.1
1,1-Dichloroethane		81		0.37	5.1
1,2-Dichloroethane		ND		0.35	5.1
1,1-Dichloroethene		ND		0.53	5.1
1,2-Dichloropropane		ND		0.71	5.1
Ethylbenzene		ND		0.27	5.1
Ethylene Dibromide		ND		0.51	5.1
2-Hexanone		ND		0.65	21
Isopropylbenzene		ND		0.16	5.1
Methylene Chloride		8.3	B	0.69	5.1
4-Methyl-2-pentanone (MIBK)		ND		0.55	21
Methyl tert-butyl ether		ND		0.44	5.1
Styrene		ND		0.15	5.1
1,1,2,2-Tetrachloroethane		ND		0.35	5.1
Tetrachloroethene		ND		0.53	5.1
Toluene		ND		0.28	5.1
trans-1,2-Dichloroethene		2.6	J B	0.42	5.1
trans-1,3-Dichloropropene		ND		0.55	5.1
1,2,4-Trichlorobenzene		1.1	J	0.28	5.1
1,1,1-Trichloroethane		ND		0.58	5.1
1,1,2-Trichloroethane		ND		0.40	5.1
Trichloroethene		2.3	J	0.43	5.1
Trichlorofluoromethane		ND		0.35	5.1
Vinyl chloride		2.4	J	0.40	5.1
Xylenes, Total		ND		0.36	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88279.D
Dilution:	1.0			Initial Weight/Volume:	6.005 g
Analysis Date:	10/25/2013 1202			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		52 - 136
Dibromofluoromethane (Surr)	91		37 - 132
1,2-Dichloroethane-d4 (Surr)	98		58 - 123
Toluene-d8 (Surr)	88		67 - 125

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88279.D
Dilution:	1.0			Initial Weight/Volume:	6.005 g
Analysis Date:	10/25/2013 1202			Final Weight/Volume:	5 mL
Prep Date:	10/15/2013 1320				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	9.76	43	T J N
2847-72-5	Decane, 4-methyl-	9.89	240	T J N
6975-98-0	Decane, 2-methyl-	9.92	58	T J N
13151-34-3	Decane, 3-methyl-	10.02	73	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.24	87	T J N
1120-21-4	Undecane	10.33	220	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	10.42	94	T J N
13150-81-7	2,6-Dimethyldecane	10.53	110	T J N
4292-92-6	Cyclohexane, pentyl-	10.94	47	T J N
1000152-47-3	trans-Decalin, 2-methyl-	11.08	47	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233264.D
Dilution:	2.0			Initial Weight/Volume:	6.21 g
Analysis Date:	10/24/2013 2030			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		140	J	44	520
1,1,2,2-Tetrachloroethane		ND		19	520
1,1,2-Trichloroethane		ND		25	520
1,1-Dichloroethane		200	J	36	520
1,1-Dichloroethene		ND		38	520
1,2,4-Trichlorobenzene		ND		15	520
1,2-Dibromo-3-Chloropropane		ND		100	1000
1,2-Dichlorobenzene		ND		18	520
1,2-Dichloroethane		ND		21	520
1,2-Dichloropropane		ND		17	520
1,3-Dichlorobenzene		ND		10	520
1,4-Dichlorobenzene		ND		17	520
2-Butanone (MEK)		ND		90	2100
2-Hexanone		ND		42	2100
4-Methyl-2-pentanone (MIBK)		ND		100	2100
Acetone		ND		360	2100
Benzene		ND		25	520
Bromoform		ND		40	520
Bromomethane		ND		61	520
Carbon disulfide		ND		25	520
Carbon tetrachloride		ND		13	520
Chlorobenzene		ND		13	520
Chlorodibromomethane		ND		25	520
Chloroethane		ND		130	520
Chloroform		ND		18	520
Chloromethane		ND		29	520
cis-1,2-Dichloroethene		210	J	14	520
cis-1,3-Dichloropropene		ND		17	520
Dichlorodifluoromethane		ND		34	520
Dichlorobromomethane		ND		21	520
Ethylbenzene		ND		11	520
Isopropylbenzene		ND		14	520
Methyl tert-butyl ether		ND		15	520
Methylene Chloride		ND		160	520
Styrene		ND		12	520
Tetrachloroethene		66	J	25	520
Toluene		99	J	36	520
trans-1,2-Dichloroethene		36	J B	19	520
trans-1,3-Dichloropropene		ND		42	520
Trichloroethene		64	J	20	520
Trichlorofluoromethane		ND		34	520
Vinyl chloride		ND		38	520
Xylenes, Total		16	J B	13	1000
Ethylene Dibromide		ND		21	520

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233264.D
Dilution:	2.0			Initial Weight/Volume:	6.21 g
Analysis Date:	10/24/2013 2030			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	100		33 - 134
Dibromofluoromethane (Surr)	105		30 - 122
4-Bromofluorobenzene (Surr)	107		26 - 141
1,2-Dichloroethane-d4 (Surr)	94		39 - 128

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233264.D
Dilution:	2.0			Initial Weight/Volume:	6.21 g
Analysis Date:	10/24/2013 2030			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	10.48	2200	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.99	5900	T J N
1120-21-4	Undecane	11.10	7300	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.19	3300	T J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.30	5400	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.68	2500	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.90	4200	T J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	12.32	2800	T J N
	Unknown	15.18	2400	T J
1076-61-5	Naphthalene, 1,2,3,4-tetrahydro-6,7-dime	15.46	5100	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233257.D
Dilution:	1.0			Initial Weight/Volume:	6.408 g
Analysis Date:	10/24/2013 0138			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		20	240
1,1,2,2-Tetrachloroethane		ND		8.5	240
1,1,2-Trichloroethane		ND		11	240
1,1-Dichloroethane		ND		16	240
1,1-Dichloroethene		ND		17	240
1,2,4-Trichlorobenzene		ND		7.0	240
1,2-Dibromo-3-Chloropropane		ND		48	480
1,2-Dichlorobenzene		ND		8.2	240
1,2-Dichloroethane		ND		9.6	240
1,2-Dichloropropane		ND		7.8	240
1,3-Dichlorobenzene		ND		4.6	240
1,4-Dichlorobenzene		ND		7.7	240
2-Butanone (MEK)		ND		41	960
2-Hexanone		ND		19	960
4-Methyl-2-pentanone (MIBK)		ND		46	960
Acetone		ND		160	960
Benzene		ND		11	240
Bromoform		ND		18	240
Bromomethane		ND		28	240
Carbon disulfide		ND		11	240
Carbon tetrachloride		ND		6.1	240
Chlorobenzene		ND		6.1	240
Chlorodibromomethane		ND		11	240
Chloroethane		ND		58	240
Chloroform		ND		8.4	240
Chloromethane		ND		13	240
cis-1,2-Dichloroethene		ND		6.6	240
cis-1,3-Dichloropropene		ND		7.6	240
Dichlorodifluoromethane		ND		15	240
Dichlorobromomethane		ND		9.5	240
Ethylbenzene		ND		5.2	240
Isopropylbenzene		ND		6.2	240
Methyl tert-butyl ether		ND		6.8	240
Methylene Chloride		ND		74	240
Styrene		ND		5.4	240
Tetrachloroethene		ND		11	240
Toluene		ND		16	240
trans-1,2-Dichloroethene		17	J B	8.8	240
trans-1,3-Dichloropropene		ND		19	240
Trichloroethene		ND		9.3	240
Trichlorofluoromethane		ND		15	240
Vinyl chloride		ND		17	240
Xylenes, Total		ND		5.9	480
Ethylene Dibromide		ND		9.6	240

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233257.D
Dilution:	1.0			Initial Weight/Volume:	6.408 g
Analysis Date:	10/24/2013 0138			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	106		33 - 134
Dibromofluoromethane (Surr)	103		30 - 122
4-Bromofluorobenzene (Surr)	117		26 - 141
1,2-Dichloroethane-d4 (Surr)	97		39 - 128

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-105961	Lab File ID:	U1233257.D
Dilution:	1.0			Initial Weight/Volume:	6.408 g
Analysis Date:	10/24/2013 0138			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-93-9	Cyclohexane, butyl-	10.48	2600	T J N
71186-27-1	1-Ethyl-2,2,6-trimethylcyclohexane	10.78	1700	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.99	5000	T J N
54411-02-8	Cyclohexane, 1-methyl-3-pentyl-	11.11	2200	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.19	2400	T J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.30	3900	T J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.52	1600	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.68	2400	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.90	1700	T J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	12.32	1700	T J N

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105716	Lab File ID:	31023028.D
Dilution:	4.0			Initial Weight/Volume:	30.19 g
Analysis Date:	10/23/2013 2144			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0622			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		21	J	3.8	34
Acenaphthylene		ND		1.8	34
Acetophenone		ND		46	500
Anthracene		35		3.9	34
Benzo[a]anthracene		ND		3.2	34
Benzo[a]pyrene		25	J	3.2	34
Benzo[b]fluoranthene		26	J	3.0	34
Benzo[g,h,i]perylene		ND		1.8	34
Benzo[k]fluoranthene		ND		3.4	34
Bis(2-chloroethoxy)methane		ND		110	500
Bis(2-chloroethyl)ether		ND		10	500
bis (2-chloroisopropyl) ether		ND		48	500
Bis(2-ethylhexyl) phthalate		100	J	96	350
4-Bromophenyl phenyl ether		ND		66	250
Butyl benzyl phthalate		ND		50	350
Carbazole		ND		140	250
4-Chloroaniline		ND		86	760
4-Chloro-3-methylphenol		ND		110	760
2-Chlorophenol		ND		41	250
4-Chlorophenyl phenyl ether		ND		66	250
Chrysene		ND		5.6	34
Dibenz(a,h)anthracene		ND		3.3	34
Dibenzofuran		30	J	3.3	250
3,3'-Dichlorobenzidine		ND		91	500
2,4-Dichlorophenol		ND		100	760
Diethyl phthalate		ND		81	350
2,4-Dimethylphenol		ND		100	760
Dimethyl phthalate		ND		86	350
Di-n-butyl phthalate		ND		76	350
4,6-Dinitro-2-methylphenol		ND		46	760
2,4-Dinitrophenol		ND		110	1700
2,4-Dinitrotoluene		ND		86	1000
2,6-Dinitrotoluene		ND		110	1000
Di-n-octyl phthalate		ND		40	350
Fluoranthene		160		2.8	34
Fluorene		49		2.7	34
Hexachlorobenzene		ND		11	34
Hexachlorobutadiene		ND		28	250
Hexachlorocyclopentadiene		ND		41	1700
Hexachloroethane		ND		45	250
Indeno[1,2,3-cd]pyrene		ND		1.8	34
Isophorone		ND		66	250
2-Methylnaphthalene		430		2.5	34
2-Methylphenol		ND		56	1000
3 & 4 Methylphenol		ND		100	2000
Naphthalene		660		4.1	34

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-105716	Lab File ID:	31023028.D
Dilution:	4.0			Initial Weight/Volume:	30.19 g
Analysis Date:	10/23/2013 2144			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0622			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		46	1000
3-Nitroaniline		ND		81	1000
4-Nitroaniline		ND		130	1000
Nitrobenzene		ND		11	500
2-Nitrophenol		ND		42	250
4-Nitrophenol		ND		86	1700
N-Nitrosodi-n-propylamine		ND		32	250
N-Nitrosodiphenylamine		ND		110	250
Pentachlorophenol		ND		46	760
Phenanthrene		190		3.7	34
Phenol		ND		37	250
Pyrene		110		2.2	34
2,4,5-Trichlorophenol		ND		130	760
2,4,6-Trichlorophenol		ND		45	760

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	58		24 - 110
2-Fluorophenol (Surr)	65		24 - 110
Nitrobenzene-d5 (Surr)	135	X	20 - 110
Phenol-d5 (Surr)	60		26 - 110
Terphenyl-d14 (Surr)	73		36 - 110
2,4,6-Tribromophenol (Surr)	49		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026029.D
Dilution:	10			Initial Weight/Volume:	30.00 g
Analysis Date:	10/26/2013 2145			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		9.4	83
Acenaphthylene		ND		4.3	83
Acetophenone		ND		110	1200
Anthracene		120		9.7	83
Benzo[a]anthracene		120		7.8	83
Benzo[a]pyrene		67	J	7.9	83
Benzo[b]fluoranthene		89		7.3	83
Benzo[g,h,i]perylene		ND		4.3	83
Benzo[k]fluoranthene		ND		8.4	83
Bis(2-chloroethoxy)methane		ND		270	1200
Bis(2-chloroethyl)ether		ND		25	1200
bis (2-chloroisopropyl) ether		ND		120	1200
Bis(2-ethylhexyl) phthalate		ND		240	870
4-Bromophenyl phenyl ether		ND		160	620
Butyl benzyl phthalate		ND		120	870
Carbazole		ND		330	620
4-Chloroaniline		ND		210	1900
4-Chloro-3-methylphenol		ND		260	1900
2-Chlorophenol		ND		100	620
4-Chlorophenyl phenyl ether		ND		160	620
Chrysene		110		14	83
Dibenz(a,h)anthracene		ND		8.2	83
Dibenzofuran		86	J	8.2	620
3,3'-Dichlorobenzidine		ND		220	1200
2,4-Dichlorophenol		ND		250	1900
Diethyl phthalate		ND		200	870
2,4-Dimethylphenol		ND		250	1900
Dimethyl phthalate		ND		210	870
Di-n-butyl phthalate		ND		190	870
4,6-Dinitro-2-methylphenol		ND		110	1900
2,4-Dinitrophenol		ND		260	4100
2,4-Dinitrotoluene		ND		210	2500
2,6-Dinitrotoluene		ND		260	2500
Di-n-octyl phthalate		ND		98	870
Fluoranthene		390		6.8	83
Fluorene		120		6.6	83
Hexachlorobenzene		ND		26	83
Hexachlorobutadiene		ND		69	620
Hexachlorocyclopentadiene		ND		100	4100
Hexachloroethane		ND		110	620
Indeno[1,2,3-cd]pyrene		44	J	4.3	83
Isophorone		ND		160	620
2-Methylnaphthalene		1200		6.2	83
2-Methylphenol		ND		140	2500
3 & 4 Methylphenol		ND		250	5000
Naphthalene		2000		10	83

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026029.D
Dilution:	10			Initial Weight/Volume:	30.00 g
Analysis Date:	10/26/2013 2145			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		110	2500
3-Nitroaniline		ND		200	2500
4-Nitroaniline		ND		320	2500
Nitrobenzene		ND		27	1200
2-Nitrophenol		ND		100	620
4-Nitrophenol		ND		210	4100
N-Nitrosodi-n-propylamine		ND		78	620
N-Nitrosodiphenylamine		ND		260	620
Pentachlorophenol		ND		110	1900
Phenanthrene		530		9.0	83
Phenol		ND		90	620
Pyrene		290		5.4	83
2,4,5-Trichlorophenol		ND		310	1900
2,4,6-Trichlorophenol		ND		110	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	71		24 - 110
2-Fluorophenol (Surr)	64		24 - 110
Nitrobenzene-d5 (Surr)	0	X	20 - 110
Phenol-d5 (Surr)	65		26 - 110
Terphenyl-d14 (Surr)	72		36 - 110
2,4,6-Tribromophenol (Surr)	62		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026022.D
Dilution:	1.0			Initial Weight/Volume:	30.08 g
Analysis Date:	10/26/2013 1849			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.95	8.3
Acenaphthylene		ND		0.44	8.3
Acetophenone		ND		11	120
Anthracene		12		0.97	8.3
Benzo[a]anthracene		25		0.78	8.3
Benzo[a]pyrene		14		0.80	8.3
Benzo[b]fluoranthene		23		0.73	8.3
Benzo[g,h,i]perylene		ND		0.44	8.3
Benzo[k]fluoranthene		7.2	J	0.85	8.3
Bis(2-chloroethoxy)methane		ND		27	120
Bis(2-chloroethyl)ether		ND		2.5	120
bis (2-chloroisopropyl) ether		ND		12	120
Bis(2-ethylhexyl) phthalate		88		24	87
4-Bromophenyl phenyl ether		ND		16	62
Butyl benzyl phthalate		ND		12	87
Carbazole		ND		34	62
4-Chloroaniline		ND		21	190
4-Chloro-3-methylphenol		ND		26	190
2-Chlorophenol		ND		10	62
4-Chlorophenyl phenyl ether		ND		16	62
Chrysene		24		1.4	8.3
Dibenz(a,h)anthracene		ND		0.82	8.3
Dibenzofuran		9.7	J	0.82	62
3,3'-Dichlorobenzidine		ND		22	120
2,4-Dichlorophenol		ND		25	190
Diethyl phthalate		ND		20	87
2,4-Dimethylphenol		ND		25	190
Dimethyl phthalate		ND		21	87
Di-n-butyl phthalate		24	J B	19	87
4,6-Dinitro-2-methylphenol		ND		11	190
2,4-Dinitrophenol		ND		26	410
2,4-Dinitrotoluene		ND		21	250
2,6-Dinitrotoluene		ND		26	250
Di-n-octyl phthalate		ND		9.8	87
Fluoranthene		86		0.68	8.3
Fluorene		15		0.66	8.3
Hexachlorobenzene		ND		2.6	8.3
Hexachlorobutadiene		ND		7.0	62
Hexachlorocyclopentadiene		ND		10	410
Hexachloroethane		ND		11	62
Indeno[1,2,3-cd]pyrene		7.2	J	0.44	8.3
Isophorone		ND		16	62
2-Methylnaphthalene		120		0.62	8.3
2-Methylphenol		ND		14	250
3 & 4 Methylphenol		ND		25	500
Naphthalene		170		1.0	8.3

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026022.D
Dilution:	1.0			Initial Weight/Volume:	30.08 g
Analysis Date:	10/26/2013 1849			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		32	250
Nitrobenzene		ND		2.7	120
2-Nitrophenol		ND		10	62
4-Nitrophenol		ND		21	410
N-Nitrosodi-n-propylamine		ND		7.8	62
N-Nitrosodiphenylamine		ND		26	62
Pentachlorophenol		ND		11	190
Phenanthrene		90		0.91	8.3
Phenol		ND		9.1	62
Pyrene		69		0.55	8.3
2,4,5-Trichlorophenol		ND		31	190
2,4,6-Trichlorophenol		ND		11	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	69		24 - 110
2-Fluorophenol (Surr)	64		24 - 110
Nitrobenzene-d5 (Surr)	94		20 - 110
Phenol-d5 (Surr)	67		26 - 110
Terphenyl-d14 (Surr)	76		36 - 110
2,4,6-Tribromophenol (Surr)	50		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026025.D
Dilution:	20			Initial Weight/Volume:	29.85 g
Analysis Date:	10/26/2013 2004			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		19	170
Acenaphthylene		ND		8.9	170
Acetophenone		ND		230	2500
Anthracene		90	J	20	170
Benzo[a]anthracene		170		16	170
Benzo[a]pyrene		ND		16	170
Benzo[b]fluoranthene		130	J	15	170
Benzo[g,h,i]perylene		ND		8.9	170
Benzo[k]fluoranthene		ND		17	170
Bis(2-chloroethoxy)methane		ND		560	2500
Bis(2-chloroethyl)ether		ND		51	2500
bis (2-chloroisopropyl) ether		ND		240	2500
Bis(2-ethylhexyl) phthalate		ND		480	1800
4-Bromophenyl phenyl ether		ND		330	1300
Butyl benzyl phthalate		ND		250	1800
Carbazole		ND		680	1300
4-Chloroaniline		ND		430	3800
4-Chloro-3-methylphenol		ND		530	3800
2-Chlorophenol		ND		210	1300
4-Chlorophenyl phenyl ether		ND		330	1300
Chrysene		140	J	28	170
Dibenz(a,h)anthracene		ND		17	170
Dibenzofuran		ND		17	1300
3,3'-Dichlorobenzidine		ND		460	2500
2,4-Dichlorophenol		ND		510	3800
Diethyl phthalate		ND		410	1800
2,4-Dimethylphenol		ND		510	3800
Dimethyl phthalate		ND		430	1800
Di-n-butyl phthalate		ND		380	1800
4,6-Dinitro-2-methylphenol		ND		230	3800
2,4-Dinitrophenol		ND		530	8400
2,4-Dinitrotoluene		ND		430	5100
2,6-Dinitrotoluene		ND		530	5100
Di-n-octyl phthalate		ND		200	1800
Fluoranthene		470		14	170
Fluorene		120	J	13	170
Hexachlorobenzene		ND		53	170
Hexachlorobutadiene		ND		140	1300
Hexachlorocyclopentadiene		ND		210	8400
Hexachloroethane		ND		230	1300
Indeno[1,2,3-cd]pyrene		ND		8.9	170
Isophorone		ND		330	1300
2-Methylnaphthalene		3400		13	170
2-Methylphenol		ND		280	5100
3 & 4 Methylphenol		ND		510	10000
Naphthalene		7400		21	170

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026025.D
Dilution:	20			Initial Weight/Volume:	29.85 g
Analysis Date:	10/26/2013 2004			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		230	5100
3-Nitroaniline		ND		410	5100
4-Nitroaniline		ND		660	5100
Nitrobenzene		ND		56	2500
2-Nitrophenol		ND		210	1300
4-Nitrophenol		ND		430	8400
N-Nitrosodi-n-propylamine		ND		160	1300
N-Nitrosodiphenylamine		ND		530	1300
Pentachlorophenol		ND		230	3800
Phenanthrene		570		19	170
Phenol		ND		190	1300
Pyrene		360		11	170
2,4,5-Trichlorophenol		ND		630	3800
2,4,6-Trichlorophenol		ND		230	3800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	81		24 - 110
2-Fluorophenol (Surr)	79		24 - 110
Nitrobenzene-d5 (Surr)	0	X	20 - 110
Phenol-d5 (Surr)	82		26 - 110
Terphenyl-d14 (Surr)	83		36 - 110
2,4,6-Tribromophenol (Surr)	70		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026028.D
Dilution:	20			Initial Weight/Volume:	29.73 g
Analysis Date:	10/26/2013 2120			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		240		19	170
Acenaphthylene		ND		8.7	170
Acetophenone		ND		230	2500
Anthracene		310		19	170
Benzo[a]anthracene		290		16	170
Benzo[a]pyrene		180		16	170
Benzo[b]fluoranthene		270		15	170
Benzo[g,h,i]perylene		ND		8.7	170
Benzo[k]fluoranthene		120	J	17	170
Bis(2-chloroethoxy)methane		ND		550	2500
Bis(2-chloroethyl)ether		ND		50	2500
bis (2-chloroisopropyl) ether		ND		240	2500
Bis(2-ethylhexyl) phthalate		ND		470	1700
4-Bromophenyl phenyl ether		ND		320	1200
Butyl benzyl phthalate		ND		250	1700
Carbazole		ND		670	1200
4-Chloroaniline		ND		420	3700
4-Chloro-3-methylphenol		ND		520	3700
2-Chlorophenol		ND		200	1200
4-Chlorophenyl phenyl ether		ND		320	1200
Chrysene		310		27	170
Dibenz(a,h)anthracene		ND		16	170
Dibenzofuran		270	J	16	1200
3,3'-Dichlorobenzidine		ND		450	2500
2,4-Dichlorophenol		ND		500	3700
Diethyl phthalate		ND		400	1700
2,4-Dimethylphenol		ND		500	3700
Dimethyl phthalate		ND		420	1700
Di-n-butyl phthalate		ND		370	1700
4,6-Dinitro-2-methylphenol		ND		230	3700
2,4-Dinitrophenol		ND		520	8200
2,4-Dinitrotoluene		ND		420	5000
2,6-Dinitrotoluene		ND		520	5000
Di-n-octyl phthalate		ND		200	1700
Fluoranthene		1100		14	170
Fluorene		350		13	170
Hexachlorobenzene		ND		52	170
Hexachlorobutadiene		ND		140	1200
Hexachlorocyclopentadiene		ND		200	8200
Hexachloroethane		ND		220	1200
Indeno[1,2,3-cd]pyrene		ND		8.7	170
Isophorone		ND		320	1200
2-Methylnaphthalene		ND		12	170
2-Methylphenol		ND		270	5000
3 & 4 Methylphenol		ND		500	10000
Naphthalene		ND		20	170

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31026028.D
Dilution:	20			Initial Weight/Volume:	29.73 g
Analysis Date:	10/26/2013 2120			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		230	5000
3-Nitroaniline		ND		400	5000
4-Nitroaniline		ND		650	5000
Nitrobenzene		ND		55	2500
2-Nitrophenol		ND		210	1200
4-Nitrophenol		ND		420	8200
N-Nitrosodi-n-propylamine		ND		160	1200
N-Nitrosodiphenylamine		ND		520	1200
Pentachlorophenol		ND		230	3700
Phenanthrene		1700		18	170
Phenol		ND		180	1200
Pyrene		860		11	170
2,4,5-Trichlorophenol		ND		620	3700
2,4,6-Trichlorophenol		ND		220	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	75		24 - 110
2-Fluorophenol (Surr)	64		24 - 110
Nitrobenzene-d5 (Surr)	68		20 - 110
Phenol-d5 (Surr)	70		26 - 110
Terphenyl-d14 (Surr)	83		36 - 110
2,4,6-Tribromophenol (Surr)	58		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107326	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31028026.D
Dilution:	4.0			Initial Weight/Volume:	30.44 g
Analysis Date:	10/28/2013 1921			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		3.9	34
Acenaphthylene		ND		1.8	34
Acetophenone		ND		47	510
Anthracene		39		4.0	34
Benzo[a]anthracene		ND		3.2	34
Benzo[a]pyrene		ND		3.3	34
Benzo[b]fluoranthene		ND		3.0	34
Benzo[g,h,i]perylene		ND		1.8	34
Benzo[k]fluoranthene		ND		3.5	34
Bis(2-chloroethoxy)methane		ND		110	510
Bis(2-chloroethyl)ether		ND		10	510
bis (2-chloroisopropyl) ether		ND		49	510
Bis(2-ethylhexyl) phthalate		ND		98	360
4-Bromophenyl phenyl ether		ND		67	260
Butyl benzyl phthalate		ND		51	360
Carbazole		ND		140	260
4-Chloroaniline		ND		87	770
4-Chloro-3-methylphenol		ND		110	770
2-Chlorophenol		ND		42	260
4-Chlorophenyl phenyl ether		ND		67	260
Chrysene		ND		5.7	34
Dibenz(a,h)anthracene		ND		3.4	34
Dibenzofuran		26	J	3.4	260
3,3'-Dichlorobenzidine		ND		93	510
2,4-Dichlorophenol		ND		100	770
Diethyl phthalate		ND		82	360
2,4-Dimethylphenol		ND		100	770
Dimethyl phthalate		ND		87	360
Di-n-butyl phthalate		ND		77	360
4,6-Dinitro-2-methylphenol		ND		47	770
2,4-Dinitrophenol		ND		110	1700
2,4-Dinitrotoluene		ND		87	1000
2,6-Dinitrotoluene		ND		110	1000
Di-n-octyl phthalate		ND		41	360
Fluoranthene		160		2.8	34
Fluorene		40		2.7	34
Hexachlorobenzene		ND		11	34
Hexachlorobutadiene		ND		29	260
Hexachlorocyclopentadiene		ND		42	1700
Hexachloroethane		ND		46	260
Indeno[1,2,3-cd]pyrene		ND		1.8	34
Isophorone		ND		67	260
2-Methylnaphthalene		730		2.6	34
2-Methylphenol		ND		57	1000
3 & 4 Methylphenol		ND		100	2100
Naphthalene		1500		4.2	34

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107326	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31028026.D
Dilution:	4.0			Initial Weight/Volume:	30.44 g
Analysis Date:	10/28/2013 1921			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		47	1000
3-Nitroaniline		ND		82	1000
4-Nitroaniline		ND		130	1000
Nitrobenzene		ND		11	510
2-Nitrophenol		ND		43	260
4-Nitrophenol		ND		87	1700
N-Nitrosodi-n-propylamine		ND		32	260
N-Nitrosodiphenylamine		ND		110	260
Pentachlorophenol		ND		47	770
Phenanthrene		180		3.8	34
Phenol		ND		38	260
Pyrene		140		2.3	34
2,4,5-Trichlorophenol		ND		130	770
2,4,6-Trichlorophenol		ND		46	770

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		24 - 110
2-Fluorophenol (Surr)	52		24 - 110
Nitrobenzene-d5 (Surr)	0	X	20 - 110
Phenol-d5 (Surr)	52		26 - 110
Terphenyl-d14 (Surr)	63		36 - 110
2,4,6-Tribromophenol (Surr)	47		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107326	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31028027.D
Dilution:	4.0			Initial Weight/Volume:	29.76 g
Analysis Date:	10/28/2013 1946			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		3.8	33
Acenaphthylene		ND		1.7	33
Acetophenone		ND		46	490
Anthracene		35		3.9	33
Benzo[a]anthracene		ND		3.1	33
Benzo[a]pyrene		ND		3.2	33
Benzo[b]fluoranthene		29	J	2.9	33
Benzo[g,h,i]perylene		ND		1.7	33
Benzo[k]fluoranthene		ND		3.4	33
Bis(2-chloroethoxy)methane		ND		110	490
Bis(2-chloroethyl)ether		ND		9.9	490
bis (2-chloroisopropyl) ether		ND		47	490
Bis(2-ethylhexyl) phthalate		130	J	94	350
4-Bromophenyl phenyl ether		ND		64	250
Butyl benzyl phthalate		ND		49	350
Carbazole		ND		130	250
4-Chloroaniline		ND		84	740
4-Chloro-3-methylphenol		ND		100	740
2-Chlorophenol		ND		41	250
4-Chlorophenyl phenyl ether		ND		64	250
Chrysene		ND		5.4	33
Dibenz(a,h)anthracene		ND		3.3	33
Dibenzofuran		21	J	3.3	250
3,3'-Dichlorobenzidine		ND		89	490
2,4-Dichlorophenol		ND		99	740
Diethyl phthalate		ND		79	350
2,4-Dimethylphenol		ND		99	740
Dimethyl phthalate		ND		84	350
Di-n-butyl phthalate		ND		74	350
4,6-Dinitro-2-methylphenol		ND		46	740
2,4-Dinitrophenol		ND		100	1600
2,4-Dinitrotoluene		ND		84	990
2,6-Dinitrotoluene		ND		100	990
Di-n-octyl phthalate		ND		39	350
Fluoranthene		130		2.7	33
Fluorene		33		2.6	33
Hexachlorobenzene		ND		10	33
Hexachlorobutadiene		ND		28	250
Hexachlorocyclopentadiene		ND		40	1600
Hexachloroethane		ND		45	250
Indeno[1,2,3-cd]pyrene		ND		1.7	33
Isophorone		ND		64	250
2-Methylnaphthalene		310		2.5	33
2-Methylphenol		ND		54	990
3 & 4 Methylphenol		ND		99	2000
Naphthalene		380		4.1	33

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107326	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-105717	Lab File ID:	31028027.D
Dilution:	4.0			Initial Weight/Volume:	29.76 g
Analysis Date:	10/28/2013 1946			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		45	990
3-Nitroaniline		ND		79	990
4-Nitroaniline		ND		130	990
Nitrobenzene		ND		11	490
2-Nitrophenol		ND		41	250
4-Nitrophenol		ND		84	1600
N-Nitrosodi-n-propylamine		ND		31	250
N-Nitrosodiphenylamine		ND		100	250
Pentachlorophenol		ND		45	740
Phenanthrene		140		3.6	33
Phenol		ND		36	250
Pyrene		99		2.2	33
2,4,5-Trichlorophenol		ND		120	740
2,4,6-Trichlorophenol		ND		44	740

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	65		24 - 110
2-Fluorophenol (Surr)	58		24 - 110
Nitrobenzene-d5 (Surr)	0	X	20 - 110
Phenol-d5 (Surr)	63		26 - 110
Terphenyl-d14 (Surr)	78		36 - 110
2,4,6-Tribromophenol (Surr)	57		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.63 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/03/2013 2301			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.2
alpha-BHC		ND		0.94	2.2
alpha-Chlordane		ND		1.2	2.2
beta-BHC		ND		1.4	2.2
4,4'-DDD		ND		0.80	2.2
4,4'-DDE		ND		0.50	2.2
4,4'-DDT		ND		0.81	2.2
delta-BHC		ND		1.5	2.2
Dieldrin		ND		0.60	2.2
Endosulfan I		ND		0.67	2.2
Endosulfan II		ND		1.1	2.2
Endosulfan sulfate		ND		1.1	2.2
Endrin		ND		0.64	2.2
Endrin aldehyde		ND		1.3	2.2
Endrin ketone		ND		0.81	2.2
gamma-BHC (Lindane)		ND		0.95	2.2
gamma-Chlordane		ND		0.54	2.2
Heptachlor		ND		1.4	2.2
Heptachlor epoxide		ND		1.0	2.2
Methoxychlor		3.1	J	1.9	4.2
Toxaphene		ND		24	86

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		41 - 157
Tetrachloro-m-xylene	94		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.63 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/03/2013 2301			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		41 - 157
Tetrachloro-m-xylene	83		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	30.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/03/2013 2321			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.1
alpha-BHC		ND		0.90	2.1
alpha-Chlordane		ND		1.2	2.1
beta-BHC		ND		1.4	2.1
4,4'-DDD		ND		0.77	2.1
4,4'-DDE		ND		0.48	2.1
4,4'-DDT		ND		0.78	2.1
delta-BHC		ND		1.5	2.1
Dieldrin		ND		0.58	2.1
Endosulfan I		ND		0.64	2.1
Endosulfan II		ND		1.0	2.1
Endosulfan sulfate		ND		1.1	2.1
Endrin		ND		0.62	2.1
Endrin aldehyde		ND		1.2	2.1
Endrin ketone		ND		0.78	2.1
gamma-BHC (Lindane)		ND		0.91	2.1
gamma-Chlordane		ND		0.52	2.1
Heptachlor		ND		1.4	2.1
Heptachlor epoxide		ND		0.99	2.1
Methoxychlor		ND		1.9	4.1
Toxaphene		ND		23	83

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		41 - 157
Tetrachloro-m-xylene	105		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	30.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/03/2013 2321			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		41 - 157
Tetrachloro-m-xylene	105		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.62 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/03/2013 2342			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.2
alpha-BHC		ND		0.92	2.2
alpha-Chlordane		ND		1.2	2.2
beta-BHC		ND		1.4	2.2
4,4'-DDD		ND		0.78	2.2
4,4'-DDE		ND		0.49	2.2
4,4'-DDT		ND		0.80	2.2
delta-BHC		ND		1.5	2.2
Dieldrin		ND		0.59	2.2
Endosulfan I		ND		0.66	2.2
Endosulfan II		ND		1.0	2.2
Endosulfan sulfate		ND		1.1	2.2
Endrin		ND		0.63	2.2
Endrin aldehyde		ND		1.3	2.2
Endrin ketone		ND		0.80	2.2
gamma-BHC (Lindane)		ND		0.94	2.2
gamma-Chlordane		ND		0.53	2.2
Heptachlor		ND		1.4	2.2
Heptachlor epoxide		ND		1.0	2.2
Methoxychlor		ND		1.9	4.2
Toxaphene		ND		24	85

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		41 - 157
Tetrachloro-m-xylene	89		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.62 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/03/2013 2342			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		41 - 157
Tetrachloro-m-xylene	106		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.96 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 1006			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		76	110
alpha-BHC		ND		46	110
alpha-Chlordane		ND		59	110
beta-BHC		ND		69	110
4,4'-DDD		ND		39	110
4,4'-DDE		ND		25	110
4,4'-DDT		ND		40	110
delta-BHC		ND		76	110
Dieldrin		ND		30	110
Endosulfan I		ND		33	110
Endosulfan II		ND		52	110
Endosulfan sulfate		ND		55	110
Endrin		ND		32	110
Endrin aldehyde		ND		63	110
Endrin ketone		ND		40	110
gamma-BHC (Lindane)		ND		47	110
gamma-Chlordane		ND		27	110
Heptachlor		ND		69	110
Heptachlor epoxide		ND		51	110
Methoxychlor		ND		95	210
Toxaphene		ND		1200	4200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		41 - 157
Tetrachloro-m-xylene	121		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.96 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 1006			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		41 - 157
Tetrachloro-m-xylene	98		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	30.40 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/09/2013 1813			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.1
alpha-BHC		ND		0.89	2.1
alpha-Chlordane		1.8	J	1.1	2.1
beta-BHC		ND		1.3	2.1
4,4'-DDD		ND		0.75	2.1
4,4'-DDE		ND		0.47	2.1
4,4'-DDT		ND		0.77	2.1
delta-BHC		ND		1.5	2.1
Dieldrin		ND		0.57	2.1
Endosulfan I		ND		0.63	2.1
Endosulfan II		ND		1.0	2.1
Endosulfan sulfate		ND		1.1	2.1
Endrin		ND		0.61	2.1
Endrin aldehyde		ND		1.2	2.1
Endrin ketone		ND		0.77	2.1
gamma-BHC (Lindane)		ND		0.90	2.1
gamma-Chlordane		ND		0.51	2.1
Heptachlor		ND		1.3	2.1
Heptachlor epoxide		ND		0.97	2.1
Methoxychlor		ND		1.8	4.0
Toxaphene		ND		23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	71		41 - 157
Tetrachloro-m-xylene	79		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	30.40 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/09/2013 1813			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		41 - 157
Tetrachloro-m-xylene	85		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.81 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 0042			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.6	2.2
alpha-BHC		ND		0.96	2.2
alpha-Chlordane		ND		1.2	2.2
beta-BHC		ND		1.4	2.2
4,4'-DDD		ND		0.81	2.2
4,4'-DDE		ND		0.51	2.2
4,4'-DDT		ND		0.83	2.2
delta-BHC		ND		1.6	2.2
Dieldrin		ND		0.62	2.2
Endosulfan I		ND		0.68	2.2
Endosulfan II		ND		1.1	2.2
Endosulfan sulfate		ND		1.1	2.2
Endrin		ND		0.66	2.2
Endrin aldehyde		ND		1.3	2.2
Endrin ketone		ND		0.83	2.2
gamma-BHC (Lindane)		ND		0.97	2.2
gamma-Chlordane		ND		0.55	2.2
Heptachlor		ND		1.4	2.2
Heptachlor epoxide		ND		1.0	2.2
Methoxychlor		ND		2.0	4.3
Toxaphene		ND		25	88

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		41 - 157
Tetrachloro-m-xylene	101		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.81 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 0042			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		41 - 157
Tetrachloro-m-xylene	109		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 0103			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		1.5	2.1
alpha-BHC		ND		0.90	2.1
alpha-Chlordane		ND		1.2	2.1
beta-BHC		ND		1.4	2.1
4,4'-DDD		ND		0.77	2.1
4,4'-DDE		ND		0.48	2.1
4,4'-DDT		ND		0.78	2.1
delta-BHC		ND		1.5	2.1
Dieldrin		ND		0.58	2.1
Endosulfan I		ND		0.64	2.1
Endosulfan II		ND		1.0	2.1
Endosulfan sulfate		ND		1.1	2.1
Endrin		ND		0.62	2.1
Endrin aldehyde		ND		1.2	2.1
Endrin ketone		ND		0.78	2.1
gamma-BHC (Lindane)		ND		0.92	2.1
gamma-Chlordane		ND		0.52	2.1
Heptachlor		ND		1.4	2.1
Heptachlor epoxide		ND		0.99	2.1
Methoxychlor		ND		1.9	4.1
Toxaphene		ND		23	83

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		41 - 157
Tetrachloro-m-xylene	115		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-105710	Initial Weight/Volume:	29.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 0103			Injection Volume:	1 uL
Prep Date:	10/16/2013 0616			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		41 - 157
Tetrachloro-m-xylene	105		40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.63 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0827			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		130	210
Aroclor-1221		ND		100	210
Aroclor-1232		ND		90	210
Aroclor-1242		ND		84	210
Aroclor-1248		ND		110	210
Aroclor-1254		ND		110	210
Aroclor-1260		ND		110	210
Aroclor-1262		ND		170	210
Aroclor-1268		ND		90	210

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		14 - 163
Tetrachloro-m-xylene	67		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.63 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0827			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	56		14 - 163
Tetrachloro-m-xylene	82		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	30.07 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0842			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		130	200
Aroclor-1221		ND		99	200
Aroclor-1232		ND		86	200
Aroclor-1242		ND		80	200
Aroclor-1248		ND		100	200
Aroclor-1254		ND		100	200
Aroclor-1260		ND		100	200
Aroclor-1262		ND		170	200
Aroclor-1268		ND		86	200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		14 - 163
Tetrachloro-m-xylene	69		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	30.07 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0842			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		14 - 163
Tetrachloro-m-xylene	82		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.62 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0856			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		27	42
Aroclor-1221		ND		20	42
Aroclor-1232		ND		18	42
Aroclor-1242		ND		16	42
Aroclor-1248		ND		22	42
Aroclor-1254		33	J	22	42
Aroclor-1260		ND		22	42
Aroclor-1262		ND		34	42
Aroclor-1268		ND		18	42

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		14 - 163
Tetrachloro-m-xylene	70		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.62 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0856			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		14 - 163
Tetrachloro-m-xylene	92		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.96 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0911			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		1300	2100
Aroclor-1221		ND		1000	2100
Aroclor-1232		ND		880	2100
Aroclor-1242		ND		820	2100
Aroclor-1248		ND		1100	2100
Aroclor-1254		ND		1100	2100
Aroclor-1260		ND		1100	2100
Aroclor-1262		ND		1700	2100
Aroclor-1268		ND		880	2100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.96 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 0911			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	30.40 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1233			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		26	40
Aroclor-1221		ND		19	40
Aroclor-1232		ND		17	40
Aroclor-1242		ND		16	40
Aroclor-1248		ND		21	40
Aroclor-1254		ND		21	40
Aroclor-1260		38	J	21	40
Aroclor-1262		ND		33	40
Aroclor-1268		ND		17	40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	63		14 - 163
Tetrachloro-m-xylene	73		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	30.40 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1233			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		14 - 163
Tetrachloro-m-xylene	78		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.81 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1247			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		28	43
Aroclor-1221		ND		21	43
Aroclor-1232		ND		18	43
Aroclor-1242		ND		17	43
Aroclor-1248		ND		22	43
Aroclor-1254		56		22	43
Aroclor-1260		ND		22	43
Aroclor-1262		ND		35	43
Aroclor-1268		ND		18	43

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		14 - 163
Tetrachloro-m-xylene	70		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.81 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1247			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		14 - 163
Tetrachloro-m-xylene	86		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1301			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		26	41
Aroclor-1221		ND		20	41
Aroclor-1232		ND		17	41
Aroclor-1242		ND		16	41
Aroclor-1248		ND		21	41
Aroclor-1254		29	J	21	41
Aroclor-1260		ND		21	41
Aroclor-1262		ND		33	41
Aroclor-1268		ND		17	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		14 - 163
Tetrachloro-m-xylene	64		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-105709	Initial Weight/Volume:	29.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/18/2013 1301			Injection Volume:	1 uL
Prep Date:	10/16/2013 0612			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		14 - 163
Tetrachloro-m-xylene	81		29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823
Client Matrix: Solid % Moisture: 21.2 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.12 g
Analysis Date:	10/22/2013 1410			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		4.4		0.34	1.7
Barium		81	B	0.080	23
Cadmium		0.063	J	0.041	0.57
Chromium		18		0.23	1.1
Lead		9.1		0.22	1.1
Selenium		ND		0.51	2.3
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	10/24/2013 1930			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.044	J	0.021	0.14

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908
Client Matrix: Solid % Moisture: 19.2 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.18 g
Analysis Date:	10/22/2013 1414			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		8.8		0.31	1.6
Barium		89	B	0.074	21
Cadmium		0.063	J	0.038	0.52
Chromium		20		0.21	1.0
Lead		8.9		0.20	1.0
Selenium		ND		0.47	2.1
Silver		ND		0.10	1.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	10/24/2013 1937			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.038	J	0.019	0.13

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.20 g
Analysis Date:	10/22/2013 1418			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		5.6		0.31	1.6
Barium		120	B	0.074	21
Cadmium		0.051	J	0.037	0.52
Chromium		17		0.21	1.0
Lead		7.1		0.20	1.0
Selenium		ND		0.47	2.1
Silver		ND		0.10	1.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.69 g
Analysis Date:	10/24/2013 1941			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.020	J	0.016	0.11

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205
Client Matrix: Solid % Moisture: 20.8 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.06 g
Analysis Date:	10/22/2013 1422			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		6.2		0.36	1.8
Barium		80	B	0.085	24
Cadmium		0.10	J	0.043	0.60
Chromium		21		0.24	1.2
Lead		10		0.23	1.2
Selenium		ND		0.54	2.4
Silver		ND		0.12	1.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1943			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.038	J	0.019	0.13

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345
Client Matrix: Solid % Moisture: 18.9 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Analysis Date:	10/22/2013 1426			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.35	1.7
Barium		62	B	0.082	23
Cadmium		0.073	J	0.041	0.58
Chromium		14		0.23	1.2
Lead		6.6		0.22	1.2
Selenium		ND		0.52	2.3
Silver		ND		0.12	1.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	10/24/2013 1946			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	J	0.019	0.13

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500
Client Matrix: Solid % Moisture: 23.3 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.18 g
Analysis Date:	10/22/2013 1430			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		5.8		0.33	1.7
Barium		90	B	0.078	22
Cadmium		0.080	J	0.040	0.55
Chromium		14		0.22	1.1
Lead		9.3		0.21	1.1
Selenium		ND		0.50	2.2
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	10/24/2013 1948			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.033	J	0.018	0.12

Client: EnSafe, Inc. Job Number: 240-30223-1

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/15/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-106684	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0			Initial Weight/Volume:	1.22 g
Analysis Date:	10/22/2013 1434			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		6.3		0.30	1.5
Barium		70	B	0.071	20
Cadmium		0.044	J	0.036	0.50
Chromium		18		0.20	1.0
Lead		9.0		0.19	1.0
Selenium		ND		0.45	2.0
Silver		ND		0.10	1.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	10/24/2013 1950			Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.034	J	0.020	0.14

General Chemistry

Client Sample ID: **CARDCDPZ04S11**

Lab Sample ID: 240-30223-1 Date Sampled: 10/14/2013 0823

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW31S11**

Lab Sample ID: 240-30223-2 Date Sampled: 10/14/2013 0908

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARDCDPZ02S11**

Lab Sample ID: 240-30223-3 Date Sampled: 10/14/2013 1040

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW33S11**

Lab Sample ID: 240-30223-4 Date Sampled: 10/14/2013 1205

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARDCDPZ01S11**

Lab Sample ID: 240-30223-5 Date Sampled: 10/14/2013 1345

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW32S10**

Lab Sample ID: 240-30223-6 Date Sampled: 10/14/2013 1500

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW30S10**

Lab Sample ID: 240-30223-7 Date Sampled: 10/14/2013 1610

Client Matrix: Solid Date Received: 10/15/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105667	Analysis Date: 10/15/2013 1500						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30223-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-105961					
LCS 240-105961/2-A	Lab Control Sample	T	Solid	5035	
MB 240-105961/1-A	Method Blank	T	Solid	5035	
240-30223-2	CARMW31S11	T	Solid	5035	
240-30223-4	CARMW33S11	T	Solid	5035	
240-30223-6	CARMW32S10	T	Solid	5035	
240-30223-7	CARMW30S10	T	Solid	5035	
Prep Batch: 240-106085					
240-30223-1	CARDCDPZ04S11	T	Solid	5035	
240-30223-3	CARDCDPZ02S11	T	Solid	5035	
240-30223-5	CARDCDPZ01S11	T	Solid	5035	
Analysis Batch:240-106848					
LCS 240-105961/2-A	Lab Control Sample	T	Solid	8260C	240-105961
MB 240-105961/1-A	Method Blank	T	Solid	8260C	240-105961
240-30223-2	CARMW31S11	T	Solid	8260C	240-105961
240-30223-4	CARMW33S11	T	Solid	8260C	240-105961
240-30223-7	CARMW30S10	T	Solid	8260C	240-105961
Analysis Batch:240-106880					
LCS 240-106880/19	Lab Control Sample	T	Solid	8260C	
MB 240-106880/22	Method Blank	T	Solid	8260C	
240-30223-1	CARDCDPZ04S11	T	Solid	8260C	240-106085
240-30223-3	CARDCDPZ02S11	T	Solid	8260C	240-106085
Prep Batch: 240-106986					
MB 240-106986/1-A	Method Blank	T	Solid	5035	
Analysis Batch:240-107027					
240-30223-6	CARMW32S10	T	Solid	8260C	240-105961
Analysis Batch:240-107052					
LCS 240-107052/5	Lab Control Sample	T	Solid	8260C	
MB 240-106986/1-A	Method Blank	T	Solid	8260C	240-106986
240-30223-5	CARDCDPZ01S11	T	Solid	8260C	240-106085

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30223-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-105716					
LCS 240-105716/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-105716/23-A	Method Blank	T	Solid	3540C	
240-30223-1	CARDCDPZ04S11	T	Solid	3540C	
Prep Batch: 240-105717					
LCS 240-105717/10-A	Lab Control Sample	T	Solid	3540C	
MB 240-105717/9-A	Method Blank	T	Solid	3540C	
240-30223-2	CARMW31S11	T	Solid	3540C	
240-30223-3	CARDCDPZ02S11	T	Solid	3540C	
240-30223-4	CARMW33S11	T	Solid	3540C	
240-30223-4MS	Matrix Spike	T	Solid	3540C	
240-30223-4MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-30223-5	CARDCDPZ01S11	T	Solid	3540C	
240-30223-6	CARMW32S10	T	Solid	3540C	
240-30223-7	CARMW30S10	T	Solid	3540C	
Analysis Batch:240-106528					
LCS 240-105716/24-A	Lab Control Sample	T	Solid	8270D	240-105716
MB 240-105716/23-A	Method Blank	T	Solid	8270D	240-105716
Analysis Batch:240-106711					
240-30223-1	CARDCDPZ04S11	T	Solid	8270D	240-105716
Analysis Batch:240-107250					
LCS 240-105717/10-A	Lab Control Sample	T	Solid	8270D	240-105717
MB 240-105717/9-A	Method Blank	T	Solid	8270D	240-105717
240-30223-2	CARMW31S11	T	Solid	8270D	240-105717
240-30223-3	CARDCDPZ02S11	T	Solid	8270D	240-105717
240-30223-4	CARMW33S11	T	Solid	8270D	240-105717
240-30223-4MS	Matrix Spike	T	Solid	8270D	240-105717
240-30223-4MSD	Matrix Spike Duplicate	T	Solid	8270D	240-105717
240-30223-5	CARDCDPZ01S11	T	Solid	8270D	240-105717
Analysis Batch:240-107326					
240-30223-6	CARMW32S10	T	Solid	8270D	240-105717
240-30223-7	CARMW30S10	T	Solid	8270D	240-105717

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30223-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-105709					
LCS 240-105709/23-A	Lab Control Sample	T	Solid	3540C	
MB 240-105709/22-A	Method Blank	T	Solid	3540C	
240-30223-1	CARDCDPZ04S11	T	Solid	3540C	
240-30223-2	CARMW31S11	T	Solid	3540C	
240-30223-3	CARDCDPZ02S11	T	Solid	3540C	
240-30223-4	CARMW33S11	T	Solid	3540C	
240-30223-5	CARDCDPZ01S11	T	Solid	3540C	
240-30223-6	CARMW32S10	T	Solid	3540C	
240-30223-7	CARMW30S10	T	Solid	3540C	
Prep Batch: 240-105710					
LCS 240-105710/23-A	Lab Control Sample	T	Solid	3540C	
MB 240-105710/22-A	Method Blank	T	Solid	3540C	
240-30223-1	CARDCDPZ04S11	T	Solid	3540C	
240-30223-2	CARMW31S11	T	Solid	3540C	
240-30223-3	CARDCDPZ02S11	T	Solid	3540C	
240-30223-4	CARMW33S11	T	Solid	3540C	
240-30223-5	CARDCDPZ01S11	T	Solid	3540C	
240-30223-6	CARMW32S10	T	Solid	3540C	
240-30223-7	CARMW30S10	T	Solid	3540C	
Analysis Batch:240-106087					
LCS 240-105709/23-A	Lab Control Sample	T	Solid	8082A	240-105709
MB 240-105709/22-A	Method Blank	T	Solid	8082A	240-105709
240-30223-1	CARDCDPZ04S11	T	Solid	8082A	240-105709
240-30223-2	CARMW31S11	T	Solid	8082A	240-105709
240-30223-3	CARDCDPZ02S11	T	Solid	8082A	240-105709
240-30223-4	CARMW33S11	T	Solid	8082A	240-105709
240-30223-5	CARDCDPZ01S11	T	Solid	8082A	240-105709
240-30223-6	CARMW32S10	T	Solid	8082A	240-105709
240-30223-7	CARMW30S10	T	Solid	8082A	240-105709
Analysis Batch:240-108129					
PB 240-108129/3	Preparation / Extraction Blank	T	Solid	8081B	
LCS 240-105710/23-A	Lab Control Sample	T	Solid	8081B	240-105710
MB 240-105710/22-A	Method Blank	T	Solid	8081B	240-105710
240-30223-1	CARDCDPZ04S11	T	Solid	8081B	240-105710
240-30223-2	CARMW31S11	T	Solid	8081B	240-105710
240-30223-3	CARDCDPZ02S11	T	Solid	8081B	240-105710
240-30223-6	CARMW32S10	T	Solid	8081B	240-105710
240-30223-7	CARMW30S10	T	Solid	8081B	240-105710
Analysis Batch:240-108338					
240-30223-4	CARMW33S11	T	Solid	8081B	240-105710

Client: EnSafe, Inc. Job Number: 240-30223-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-109089					
PB 240-109089/3	Preparation / Extraction Blank	T	Solid	8081B	
240-30223-5	CARDCDPZ01S11	T	Solid	8081B	240-105710

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30223-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-105998					
LCS 240-105998/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-105998/1-A	Method Blank	T	Solid	3050B	
240-30223-1	CARDCDPZ04S11	T	Solid	3050B	
240-30223-2	CARMW31S11	T	Solid	3050B	
240-30223-3	CARDCDPZ02S11	T	Solid	3050B	
240-30223-4	CARMW33S11	T	Solid	3050B	
240-30223-5	CARDCDPZ01S11	T	Solid	3050B	
240-30223-6	CARMW32S10	T	Solid	3050B	
240-30223-7	CARMW30S10	T	Solid	3050B	
Prep Batch: 240-106021					
LCS 240-106021/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-106021/1-A	Method Blank	T	Solid	7471B	
240-30223-1	CARDCDPZ04S11	T	Solid	7471B	
240-30223-2	CARMW31S11	T	Solid	7471B	
240-30223-3	CARDCDPZ02S11	T	Solid	7471B	
240-30223-4	CARMW33S11	T	Solid	7471B	
240-30223-5	CARDCDPZ01S11	T	Solid	7471B	
240-30223-6	CARMW32S10	T	Solid	7471B	
240-30223-7	CARMW30S10	T	Solid	7471B	
Analysis Batch:240-106684					
LCS 240-105998/2-A	Lab Control Sample	T	Solid	6010C	240-105998
MB 240-105998/1-A	Method Blank	T	Solid	6010C	240-105998
240-30223-1	CARDCDPZ04S11	T	Solid	6010C	240-105998
240-30223-2	CARMW31S11	T	Solid	6010C	240-105998
240-30223-3	CARDCDPZ02S11	T	Solid	6010C	240-105998
240-30223-4	CARMW33S11	T	Solid	6010C	240-105998
240-30223-5	CARDCDPZ01S11	T	Solid	6010C	240-105998
240-30223-6	CARMW32S10	T	Solid	6010C	240-105998
240-30223-7	CARMW30S10	T	Solid	6010C	240-105998
Analysis Batch:240-107033					
LCS 240-106021/2-A	Lab Control Sample	T	Solid	7471B	240-106021
MB 240-106021/1-A	Method Blank	T	Solid	7471B	240-106021
240-30223-1	CARDCDPZ04S11	T	Solid	7471B	240-106021
240-30223-2	CARMW31S11	T	Solid	7471B	240-106021
240-30223-3	CARDCDPZ02S11	T	Solid	7471B	240-106021
240-30223-4	CARMW33S11	T	Solid	7471B	240-106021
240-30223-5	CARDCDPZ01S11	T	Solid	7471B	240-106021
240-30223-6	CARMW32S10	T	Solid	7471B	240-106021
240-30223-7	CARMW30S10	T	Solid	7471B	240-106021

Client: EnSafe, Inc. Job Number: 240-30223-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Report Basis					
T = Total					
General Chemistry					
Analysis Batch:240-105667					
240-30223-1	CARDCDPZ04S11	T	Solid	Moisture	
240-30223-1DU	Duplicate	T	Solid	Moisture	
240-30223-2	CARMW31S11	T	Solid	Moisture	
240-30223-3	CARDCDPZ02S11	T	Solid	Moisture	
240-30223-4	CARMW33S11	T	Solid	Moisture	
240-30223-5	CARDCDPZ01S11	T	Solid	Moisture	
240-30223-6	CARMW32S10	T	Solid	Moisture	
240-30223-7	CARMW30S10	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30223-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30223-1	CARDCDPZ04S11	96	91	96	86
240-30223-3	CARDCDPZ02S11	92	88	92	90
240-30223-5	CARDCDPZ01S11	91	91	98	88

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc. Job Number: 240-30223-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MB 240-106880/22		93	91	89	94
MB 240-106986/1-A		89	88	88	89
LCS 240-106880/19		103	102	104	105
LCS 240-107052/5		89	91	94	94

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	67-125
DBFM = Dibromofluoromethane (Surr)	37-132
BFB = 4-Bromofluorobenzene (Surr)	52-136
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123

Client: EnSafe, Inc.

Job Number: 240-30223-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MRL 240-106848/5		113	114	114	111

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150

Client: EnSafe, Inc.

Job Number: 240-30223-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
240-30223-2	CARMW31S11	124	126X	130	120
240-30223-4	CARMW33S11	106	106	110	100
240-30223-6	CARMW32S10	100	105	107	94
240-30223-7	CARMW30S10	106	103	117	97
MB 240-105961/1-A		89	88	90	82
LCS 240-105961/2-A		91	94	97	90

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	33-134
DBFM = Dibromofluoromethane (Surr)	30-122
BFB = 4-Bromofluorobenzene (Surr)	26-141
DCA = 1,2-Dichloroethane-d4 (Surr)	39-128

Client: EnSafe, Inc. Job Number: 240-30223-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-30223-1	CARDCDPZ04S11	58	65	135X	60	73	49
240-30223-2	CARMW31S11	71	64	0X	65	72	62
240-30223-3	CARDCDPZ02S11	69	64	94	67	76	50
240-30223-4	CARMW33S11	81	79	0X	82	83	70
240-30223-5	CARDCDPZ01S11	75	64	68	70	83	58
240-30223-6	CARMW32S10	57	52	0X	52	63	47
240-30223-7	CARMW30S10	65	58	0X	63	78	57
MB 240-105716/23-A		61	55	54	58	88	35
MB 240-105717/9-A		76	68	70	74	93	48
LCS 240-105716/24-A		70	64	63	66	95	68
LCS 240-105717/10-A		72	70	67	73	88	69
240-30223-4 MS	CARMW33S11 MS	74	78	0X	85	89	83
240-30223-4 MSD	CARMW33S11 MSD	77	73	0X	83	87	64

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	24-110
2FP = 2-Fluorophenol (Surr)	24-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
PHL = Phenol-d5 (Surr)	26-110
TPH = Terphenyl-d14 (Surr)	36-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110

Client: EnSafe, Inc. Job Number: 240-30223-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30223-1	CARDCDPZ04S11	77	82	83	94
240-30223-2	CARMW31S11	122	110	105	105
240-30223-3	CARDCDPZ02S11	86	85	106	89
240-30223-4	CARMW33S11	89	93	121	98
240-30223-5	CARDCDPZ01S11	77	71	85	79
240-30223-6	CARMW32S10	76	81	109	101
240-30223-7	CARMW30S10	81	86	105	115
MB 240-105710/22-A		107	102	105	105
LCS 240-105710/23-A		120	109	113	101

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc. Job Number: 240-30223-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30223-1	CARDCDPZ04S11	56	85	82	67
240-30223-2	CARMW31S11	59	83	82	69
240-30223-3	CARDCDPZ02S11	66	70	92	70
240-30223-4	CARMW33S11	0X	0X	0X	0X
240-30223-5	CARDCDPZ01S11	50	63	78	73
240-30223-6	CARMW32S10	50	91	86	70
240-30223-7	CARMW30S10	52	57	81	64
MB 240-105709/22-A		97	81	104	76
LCS 240-105709/23-A		85	71	99	70

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105961 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-105961/1-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105961	Lab File ID:	U1233252.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 2337	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		43	1000
1,2-Dibromo-3-Chloropropane	ND		50	500
1,2-Dichlorobenzene	ND		8.6	250
Acetone	ND		170	1000
1,3-Dichlorobenzene	ND		4.8	250
Benzene	ND		12	250
1,4-Dichlorobenzene	ND		8.0	250
Bromoform	ND		19	250
Bromomethane	ND		29	250
Carbon disulfide	ND		12	250
1,1-Dichloroethane	ND		17	250
Carbon tetrachloride	ND		6.4	250
1,2-Dichloroethane	ND		10	250
Chlorobenzene	ND		6.4	250
Chlorodibromomethane	ND		12	250
1,1-Dichloroethene	ND		18	250
Chloroethane	ND		61	250
1,2-Dichloropropane	ND		8.2	250
Chloroform	ND		8.8	250
Chloromethane	ND		14	250
cis-1,2-Dichloroethene	ND		6.9	250
2-Hexanone	ND		20	1000
cis-1,3-Dichloropropene	ND		7.9	250
Dichlorodifluoromethane	ND		16	250
Dichlorobromomethane	ND		9.9	250
4-Methyl-2-pentanone (MIBK)	ND		48	1000
Ethylbenzene	ND		5.4	250
Isopropylbenzene	ND		6.5	250
Methyl tert-butyl ether	ND		7.1	250
Methylene Chloride	ND		77	250
m-Xylene & p-Xylene	13.3	J	6.2	250
o-Xylene	ND		8.5	250
1,1,2,2-Tetrachloroethane	ND		8.9	250
Styrene	ND		5.6	250
Tetrachloroethene	ND		12	250
Toluene	ND		17	250
trans-1,2-Dichloroethene	17.4	J	9.2	250
trans-1,3-Dichloropropene	ND		20	250
1,2,4-Trichlorobenzene	ND		7.3	250
1,1,1-Trichloroethane	ND		21	250
1,1,2-Trichloroethane	ND		12	250
Ethylene Dibromide	ND		10	250
Trichloroethene	ND		9.7	250
Trichlorofluoromethane	ND		16	250
Vinyl chloride	ND		18	250

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105961

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-105961/1-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105961	Lab File ID:	U1233252.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/23/2013 2337	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	13.3	J	6.2	500

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	33 - 134
Dibromofluoromethane (Surr)	88	30 - 122
4-Bromofluorobenzene (Surr)	90	26 - 141
1,2-Dichloroethane-d4 (Surr)	82	39 - 128

Method Blank TICs- Batch: 240-105961

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
556-67-2	Cyclotetrasiloxane, octamethyl-	9.57	468	T J N
111-84-2	Nonane	8.47	1260	T J N
109-99-9	Tetrahydrofuran	4.66	71.3	J

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105961

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-105961/2-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105961	Lab File ID:	U1233253.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/24/2013 0001	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	2000	1850	92	10 - 199	
1,2-Dibromo-3-Chloropropane	1000	875	88	10 - 129	
1,2-Dichlorobenzene	1000	1020	102	68 - 118	
Acetone	2000	1720	86	16 - 156	
1,3-Dichlorobenzene	1000	1070	107	66 - 121	
Benzene	1000	973	97	70 - 117	
1,4-Dichlorobenzene	1000	1010	101	65 - 119	
Bromoform	1000	766	77	10 - 117	
Bromomethane	1000	893	89	10 - 114	
Carbon disulfide	1000	519	52	10 - 132	
1,1-Dichloroethane	1000	963	96	63 - 117	
Carbon tetrachloride	1000	965	97	29 - 118	
1,2-Dichloroethane	1000	957	96	68 - 119	
Chlorobenzene	1000	1020	102	71 - 116	
Chlorodibromomethane	1000	851	85	22 - 113	
1,1-Dichloroethene	1000	860	86	44 - 143	
Chloroethane	1000	887	89	10 - 120	
1,2-Dichloropropane	1000	1000	100	73 - 113	
Chloroform	1000	927	93	63 - 116	
Chloromethane	1000	551	55	25 - 110	
cis-1,2-Dichloroethene	1000	927	93	60 - 125	
2-Hexanone	2000	2080	104	43 - 130	
cis-1,3-Dichloropropene	1000	955	96	25 - 120	
Dichlorodifluoromethane	1000	427	43	10 - 110	
Dichlorobromomethane	1000	900	90	28 - 123	
4-Methyl-2-pentanone (MIBK)	2000	1880	94	49 - 121	
Ethylbenzene	1000	1010	101	66 - 119	
Isopropylbenzene	1000	1040	104	61 - 123	
Methyl tert-butyl ether	1000	999	100	34 - 157	
Methylene Chloride	1000	910	91	27 - 172	
m-Xylene & p-Xylene	1000	1100	110	67 - 118	
o-Xylene	1000	1030	103	68 - 120	
1,1,2,2-Tetrachloroethane	1000	884	88	54 - 121	
Styrene	1000	1040	104	60 - 120	
Tetrachloroethene	1000	974	97	58 - 131	
Toluene	1000	1040	104	66 - 123	
trans-1,2-Dichloroethene	1000	1050	105	58 - 121	
trans-1,3-Dichloropropene	1000	987	99	22 - 122	
1,2,4-Trichlorobenzene	1000	998	100	41 - 135	
1,1,1-Trichloroethane	1000	971	97	38 - 122	
1,1,2-Trichloroethane	1000	951	95	74 - 114	

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105961

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-105961/2-A	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-105961	Lab File ID:	U1233253.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/24/2013 0001	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 0947				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	1000	963	96	47 - 123	
Trichloroethene	1000	1010	101	59 - 124	
Trichlorofluoromethane	1000	953	95	17 - 145	
Vinyl chloride	1000	662	66	33 - 110	
Xylenes, Total	2000	2130	107	68 - 119	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	33 - 134
Dibromofluoromethane (Surr)	94	30 - 122
4-Bromofluorobenzene (Surr)	97	26 - 141
1,2-Dichloroethane-d4 (Surr)	90	39 - 128

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Reporting Limit Check - Batch: 240-106848 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MRL 240-106848/5	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	U1233236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/23/2013 1710	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.00200	ND	205	10 - 150	^
1,2-Dibromo-3-Chloropropane	0.00100	ND	75	10 - 150	
1,2-Dichlorobenzene	0.00100	ND	125	10 - 150	
Acetone	0.00200	ND	24	10 - 150	
1,3-Dichlorobenzene	0.00100	ND	129	10 - 150	
Benzene	0.00100	ND	131	10 - 150	
1,4-Dichlorobenzene	0.00100	ND	122	10 - 150	
Bromoform	0.00100	ND	85	10 - 150	
Bromomethane	0.00100	ND	140	10 - 150	
Carbon disulfide	0.00100	ND	109	10 - 150	
1,1-Dichloroethane	0.00100	ND	122	10 - 150	
Carbon tetrachloride	0.00100	ND	131	10 - 150	
1,2-Dichloroethane	0.00100	ND	129	10 - 150	
Chlorobenzene	0.00100	ND	128	10 - 150	
Chlorodibromomethane	0.00100	ND	107	10 - 150	
1,1-Dichloroethene	0.00100	ND	109	10 - 150	
Chloroethane	0.00100	ND	128	10 - 150	
1,2-Dichloropropane	0.00100	ND	139	10 - 150	
Chloroform	0.00100	ND	115	10 - 150	
Chloromethane	0.00100	ND	122	10 - 150	
cis-1,2-Dichloroethene	0.00100	ND	128	10 - 150	
2-Hexanone	0.00200	ND	104	10 - 150	
cis-1,3-Dichloropropene	0.00100	ND	105	10 - 150	
Dichlorodifluoromethane	0.00100	ND	125	10 - 150	
Dichlorobromomethane	0.00100	ND	114	10 - 150	
4-Methyl-2-pentanone (MIBK)	0.00200	ND	113	10 - 150	
Ethylbenzene	0.00100	ND	115	10 - 150	
Isopropylbenzene	0.00100	ND	106	10 - 150	
Methyl tert-butyl ether	0.00100	ND	122	10 - 150	
Methylene Chloride	0.00100	ND	61	10 - 150	
m-Xylene & p-Xylene	0.00100	ND	112	10 - 150	
o-Xylene	0.00100	ND	106	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	110	10 - 150	
Styrene	0.00100	ND	114	10 - 150	
Tetrachloroethene	0.00100	ND	99	10 - 150	
Toluene	0.00100	ND	131	10 - 150	
trans-1,2-Dichloroethene	0.00100	ND	124	10 - 150	
trans-1,3-Dichloropropene	0.00100	ND	106	10 - 150	
1,2,4-Trichlorobenzene	0.00100	ND	112	10 - 150	
1,1,1-Trichloroethane	0.00100	ND	132	10 - 150	
1,1,2-Trichloroethane	0.00100	ND	116	10 - 150	

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Reporting Limit Check - Batch: 240-106848

Method: 8260C
Preparation: N/A

Lab Sample ID:	MRL 240-106848/5	Analysis Batch:	240-106848	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	U1233236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/23/2013 1710	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	0.00100	ND	123	10 - 150	
Trichloroethene	0.00100	ND	107	10 - 150	
Trichlorofluoromethane	0.00100	ND	162	10 - 150	^
Vinyl chloride	0.00100	ND	124	10 - 150	
Xylenes, Total	0.00200	ND	0	10 - 150	^

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	113	10 - 150
Dibromofluoromethane (Surr)	114	10 - 150
4-Bromofluorobenzene (Surr)	114	10 - 150
1,2-Dichloroethane-d4 (Surr)	111	10 - 150

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-106880/22	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88239.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/24/2013 1233	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		1.4	20
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
Acetone	ND		6.3	20
1,3-Dichlorobenzene	ND		0.35	5.0
Benzene	ND		0.23	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
Carbon disulfide	ND		0.44	5.0
1,1-Dichloroethane	ND		0.36	5.0
Carbon tetrachloride	ND		0.37	5.0
1,2-Dichloroethane	ND		0.34	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
1,1-Dichloroethene	ND		0.52	5.0
Chloroethane	ND		0.86	5.0
1,2-Dichloropropane	ND		0.69	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
2-Hexanone	ND		0.63	20
cis-1,3-Dichloropropene	ND		0.34	5.0
Dichlorodifluoromethane	ND		0.50	5.0
Dichlorobromomethane	ND		0.28	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Ethylbenzene	ND		0.26	5.0
Isopropylbenzene	ND		0.16	5.0
Methyl tert-butyl ether	ND		0.43	5.0
Methylene Chloride	ND		0.67	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Styrene	ND		0.15	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Ethylene Dibromide	ND		0.50	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-106880 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-106880/22	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88239.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/24/2013 1233	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	93	67 - 125
Dibromofluoromethane (Surr)	91	37 - 132
4-Bromofluorobenzene (Surr)	89	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Method Blank TICs- Batch: 240-106880

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-106880

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106880/19	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	50.0	62.1	124	52 - 131	
1,2-Dibromo-3-Chloropropane	25.0	24.8	99	61 - 132	
1,2-Dichlorobenzene	25.0	27.3	109	76 - 110	
Acetone	50.0	66.1	132	41 - 137	
1,3-Dichlorobenzene	25.0	25.9	104	78 - 111	
Benzene	25.0	28.2	113	79 - 112	*
1,4-Dichlorobenzene	25.0	25.4	101	75 - 110	
Bromoform	25.0	28.7	115	62 - 133	
Bromomethane	25.0	28.2	113	42 - 136	
Carbon disulfide	25.0	28.1	112	62 - 146	
1,1-Dichloroethane	25.0	27.8	111	76 - 115	
Carbon tetrachloride	25.0	28.5	114	71 - 129	
1,2-Dichloroethane	25.0	28.4	114	72 - 120	
Chlorobenzene	25.0	27.1	108	78 - 110	
Chlorodibromomethane	25.0	28.7	115	72 - 127	
1,1-Dichloroethene	25.0	26.5	106	75 - 135	
Chloroethane	25.0	26.2	105	58 - 117	
1,2-Dichloropropane	25.0	29.1	116	87 - 113	*
Chloroform	25.0	28.7	115	77 - 114	*
Chloromethane	25.0	25.6	102	50 - 110	
cis-1,2-Dichloroethene	25.0	28.6	114	76 - 113	*
2-Hexanone	50.0	62.3	125	64 - 136	
cis-1,3-Dichloropropene	25.0	30.6	123	74 - 128	
Dichlorodifluoromethane	25.0	24.9	99	26 - 113	
Dichlorobromomethane	25.0	29.0	116	84 - 122	
4-Methyl-2-pentanone (MIBK)	50.0	67.6	135	67 - 135	
Ethylbenzene	25.0	27.2	109	79 - 117	
Isopropylbenzene	25.0	26.9	107	76 - 122	
Methyl tert-butyl ether	25.0	31.4	125	49 - 165	
Methylene Chloride	25.0	29.4	118	75 - 118	
m-Xylene & p-Xylene	25.0	27.1	109	80 - 117	
o-Xylene	25.0	28.7	115	80 - 120	
1,1,2,2-Tetrachloroethane	25.0	27.8	111	77 - 123	
Styrene	25.0	27.8	111	87 - 117	
Tetrachloroethene	25.0	26.0	104	79 - 114	
Toluene	25.0	27.1	108	75 - 111	
trans-1,2-Dichloroethene	25.0	28.4	113	78 - 117	
trans-1,3-Dichloropropene	25.0	32.1	128	73 - 131	
1,2,4-Trichlorobenzene	25.0	22.5	90	64 - 124	
1,1,1-Trichloroethane	25.0	27.7	111	77 - 126	
1,1,2-Trichloroethane	25.0	28.5	114	83 - 112	*

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-106880

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106880/19	Analysis Batch:	240-106880	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88236.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/24/2013 1129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	25.0	29.5	118	83 - 117	*
Trichloroethene	25.0	27.9	112	79 - 113	
Trichlorofluoromethane	25.0	25.7	103	57 - 146	
Vinyl chloride	25.0	26.5	106	57 - 114	
Xylenes, Total	50.0	55.8	112	80 - 118	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	67 - 125
Dibromofluoromethane (Surr)	102	37 - 132
4-Bromofluorobenzene (Surr)	104	52 - 136
1,2-Dichloroethane-d4 (Surr)	105	58 - 123

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-106986 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-106986/1-A	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-106986	Lab File ID:	UX88271.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/25/2013 0912	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 1244				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	2.85	J	1.4	20
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
Acetone	20.3		6.3	20
1,3-Dichlorobenzene	ND		0.35	5.0
Benzene	ND		0.23	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
Carbon disulfide	ND		0.44	5.0
1,1-Dichloroethane	ND		0.36	5.0
Carbon tetrachloride	ND		0.37	5.0
1,2-Dichloroethane	ND		0.34	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
1,1-Dichloroethene	ND		0.52	5.0
Chloroethane	ND		0.86	5.0
1,2-Dichloropropane	ND		0.69	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
2-Hexanone	ND		0.63	20
cis-1,3-Dichloropropene	ND		0.34	5.0
Dichlorodifluoromethane	ND		0.50	5.0
Dichlorobromomethane	ND		0.28	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Ethylbenzene	ND		0.26	5.0
Isopropylbenzene	ND		0.16	5.0
Methyl tert-butyl ether	ND		0.43	5.0
Methylene Chloride	6.11		0.67	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Styrene	ND		0.15	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	2.24	J	0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Ethylene Dibromide	ND		0.50	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-106986

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-106986/1-A	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-106986	Lab File ID:	UX88271.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/25/2013 0912	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 1244				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	67 - 125
Dibromofluoromethane (Surr)	88	37 - 132
4-Bromofluorobenzene (Surr)	88	52 - 136
1,2-Dichloroethane-d4 (Surr)	89	58 - 123

Method Blank TICs- Batch: 240-106986

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-107052

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107052/5	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/25/2013 0311	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	100	112	112	52 - 131	
1,2-Dibromo-3-Chloropropane	50.0	49.2	98	61 - 132	
1,2-Dichlorobenzene	50.0	48.2	96	76 - 110	
Acetone	100	115	115	41 - 137	
1,3-Dichlorobenzene	50.0	47.2	94	78 - 111	
Benzene	50.0	48.9	98	79 - 112	
1,4-Dichlorobenzene	50.0	46.7	93	75 - 110	
Bromoform	50.0	59.1	118	62 - 133	
Bromomethane	50.0	45.7	91	42 - 136	
Carbon disulfide	50.0	49.3	99	62 - 146	
1,1-Dichloroethane	50.0	48.2	96	76 - 115	
Carbon tetrachloride	50.0	51.1	102	71 - 129	
1,2-Dichloroethane	50.0	50.8	102	72 - 120	
Chlorobenzene	50.0	47.7	95	78 - 110	
Chlorodibromomethane	50.0	55.2	110	72 - 127	
1,1-Dichloroethene	50.0	45.0	90	75 - 135	
Chloroethane	50.0	42.9	86	58 - 117	
1,2-Dichloropropane	50.0	51.1	102	87 - 113	
Chloroform	50.0	49.5	99	77 - 114	
Chloromethane	50.0	42.6	85	50 - 110	
cis-1,2-Dichloroethene	50.0	49.8	100	76 - 113	
2-Hexanone	100	119	119	64 - 136	
cis-1,3-Dichloropropene	50.0	57.2	114	74 - 128	
Dichlorodifluoromethane	50.0	41.7	83	26 - 113	
Dichlorobromomethane	50.0	53.8	108	84 - 122	
4-Methyl-2-pentanone (MIBK)	100	122	122	67 - 135	
Ethylbenzene	50.0	48.5	97	79 - 117	
Isopropylbenzene	50.0	48.9	98	76 - 122	
Methyl tert-butyl ether	50.0	54.9	110	49 - 165	
Methylene Chloride	50.0	48.4	97	75 - 118	
m-Xylene & p-Xylene	50.0	49.2	98	80 - 117	
o-Xylene	50.0	51.7	103	80 - 120	
1,1,2,2-Tetrachloroethane	50.0	52.0	104	77 - 123	
Styrene	50.0	52.1	104	87 - 117	
Tetrachloroethene	50.0	47.3	95	79 - 114	
Toluene	50.0	47.7	95	75 - 111	
trans-1,2-Dichloroethene	50.0	48.7	97	78 - 117	
trans-1,3-Dichloropropene	50.0	61.4	123	73 - 131	
1,2,4-Trichlorobenzene	50.0	48.7	97	64 - 124	
1,1,1-Trichloroethane	50.0	47.8	96	77 - 126	
1,1,2-Trichloroethane	50.0	49.9	100	83 - 112	

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-107052

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107052/5	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/25/2013 0311	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	50.0	52.8	106	83 - 117	
Trichloroethene	50.0	49.4	99	79 - 113	
Trichlorofluoromethane	50.0	44.3	89	57 - 146	
Vinyl chloride	50.0	43.5	87	57 - 114	
Xylenes, Total	100	101	101	80 - 118	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	67 - 125
Dibromofluoromethane (Surr)	91	37 - 132
4-Bromofluorobenzene (Surr)	94	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105716

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105716/23-A	Analysis Batch:	240-106528	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105716	Lab File ID:	31022008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 1202	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0622			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.76	6.7
Acenaphthylene	ND		0.35	6.7
Acetophenone	ND		9.2	100
Anthracene	ND		0.78	6.7
Benzo[a]anthracene	ND		0.63	6.7
Benzo[a]pyrene	ND		0.64	6.7
Benzo[b]fluoranthene	ND		0.59	6.7
Benzo[g,h,i]perylene	ND		0.35	6.7
Benzo[k]fluoranthene	ND		0.68	6.7
Bis(2-chloroethoxy)methane	ND		22	100
Bis(2-chloroethyl)ether	ND		2.0	100
bis (2-chloroisopropyl) ether	ND		9.5	100
Bis(2-ethylhexyl) phthalate	ND		19	70
4-Bromophenyl phenyl ether	ND		13	50
Butyl benzyl phthalate	ND		10	70
Carbazole	ND		27	50
4-Chloroaniline	ND		17	150
4-Chloro-3-methylphenol	ND		21	150
2-Chlorophenol	ND		8.2	50
4-Chlorophenyl phenyl ether	ND		13	50
Chrysene	ND		1.1	6.7
Dibenz(a,h)anthracene	ND		0.66	6.7
Dibenzofuran	ND		0.66	50
3,3'-Dichlorobenzidine	ND		18	100
2,4-Dichlorophenol	ND		20	150
Diethyl phthalate	ND		16	70
2,4-Dimethylphenol	ND		20	150
Dimethyl phthalate	ND		17	70
Di-n-butyl phthalate	26.6	J	15	70
4,6-Dinitro-2-methylphenol	ND		9.2	150
2,4-Dinitrophenol	ND		21	330
2,4-Dinitrotoluene	ND		17	200
2,6-Dinitrotoluene	ND		21	200
Di-n-octyl phthalate	ND		7.9	70
Fluoranthene	ND		0.55	6.7
Fluorene	ND		0.53	6.7
Hexachlorobenzene	ND		2.1	6.7
Hexachlorobutadiene	ND		5.6	50
Hexachlorocyclopentadiene	ND		8.1	330
Hexachloroethane	ND		9.0	50
Indeno[1,2,3-cd]pyrene	ND		0.35	6.7
Isophorone	ND		13	50
2-Methylnaphthalene	ND		0.50	6.7
2-Methylphenol	ND		11	200
3 & 4 Methylphenol	ND		20	400

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105716

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105716/23-A	Analysis Batch:	240-106528	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105716	Lab File ID:	31022008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 1202	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0622			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	ND		0.82	6.7
2-Nitroaniline	ND		9.1	200
3-Nitroaniline	ND		16	200
4-Nitroaniline	ND		26	200
Nitrobenzene	ND		2.2	100
2-Nitrophenol	ND		8.3	50
4-Nitrophenol	ND		17	330
N-Nitrosodi-n-propylamine	ND		6.3	50
N-Nitrosodiphenylamine	ND		21	50
Pentachlorophenol	ND		9.1	150
Phenanthrene	ND		0.73	6.7
Phenol	ND		7.3	50
Pyrene	ND		0.44	6.7
2,4,5-Trichlorophenol	ND		25	150
2,4,6-Trichlorophenol	ND		8.9	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	61	24 - 110
2-Fluorophenol (Surr)	55	24 - 110
Nitrobenzene-d5 (Surr)	54	20 - 110
Phenol-d5 (Surr)	58	26 - 110
Terphenyl-d14 (Surr)	88	36 - 110
2,4,6-Tribromophenol (Surr)	35	10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105716

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105716/24-A	Analysis Batch:	240-106528	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105716	Lab File ID:	31022009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 1225	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0622			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	459	69	38 - 110	
Acenaphthylene	667	424	64	40 - 110	
Acetophenone	667	365	55	40 - 110	
Anthracene	667	476	71	48 - 110	
Benzo[a]anthracene	667	498	75	50 - 110	
Benzo[a]pyrene	667	491	74	44 - 110	
Benzo[b]fluoranthene	667	498	75	43 - 110	
Benzo[g,h,i]perylene	667	515	77	51 - 110	
Benzo[k]fluoranthene	667	516	77	38 - 105	
Bis(2-chloroethoxy)methane	667	422	63	32 - 110	
Bis(2-chloroethyl)ether	667	389	58	34 - 110	
bis (2-chloroisopropyl) ether	667	394	59	29 - 110	
Bis(2-ethylhexyl) phthalate	667	497	75	50 - 110	
4-Bromophenyl phenyl ether	667	484	73	39 - 110	
Butyl benzyl phthalate	667	503	76	51 - 110	
Carbazole	667	552	83	50 - 110	
4-Chloroaniline	667	376	56	30 - 110	
4-Chloro-3-methylphenol	667	455	68	48 - 110	
2-Chlorophenol	667	405	61	37 - 110	
4-Chlorophenyl phenyl ether	667	455	68	40 - 110	
Chrysene	667	516	77	50 - 110	
Dibenz(a,h)anthracene	667	537	81	51 - 110	
Dibenzofuran	667	465	70	43 - 110	
3,3'-Dichlorobenzidine	1330	1010	76	28 - 110	
2,4-Dichlorophenol	667	436	65	39 - 110	
Diethyl phthalate	667	496	74	52 - 110	
2,4-Dimethylphenol	667	417	63	29 - 110	
Dimethyl phthalate	667	462	69	50 - 110	
Di-n-butyl phthalate	667	530	79	51 - 110	
4,6-Dinitro-2-methylphenol	1330	776	58	10 - 110	
2,4-Dinitrophenol	1330	676	51	10 - 110	
2,4-Dinitrotoluene	667	509	76	48 - 110	
2,6-Dinitrotoluene	667	504	76	45 - 110	
Di-n-octyl phthalate	667	495	74	48 - 110	
Fluoranthene	667	512	77	51 - 110	
Fluorene	667	475	71	46 - 110	
Hexachlorobenzene	667	454	68	43 - 110	
Hexachlorobutadiene	667	390	58	29 - 110	
Hexachlorocyclopentadiene	667	318	48	12 - 110	J
Hexachloroethane	667	382	57	30 - 110	
Indeno[1,2,3-cd]pyrene	667	519	78	50 - 110	

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105716

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105716/24-A	Analysis Batch:	240-106528	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-105716	Lab File ID:	31022009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 1225	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0622			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	667	388	58	36 - 110	
2-Methylnaphthalene	667	422	63	36 - 110	
2-Methylphenol	667	399	60	41 - 110	
3 & 4 Methylphenol	667	444	67	40 - 110	
Naphthalene	667	390	58	36 - 110	
2-Nitroaniline	667	473	71	45 - 110	
3-Nitroaniline	667	496	74	44 - 110	
4-Nitroaniline	667	537	81	48 - 110	
Nitrobenzene	667	401	60	32 - 110	
2-Nitrophenol	667	408	61	34 - 110	
4-Nitrophenol	1330	999	75	28 - 110	
N-Nitrosodi-n-propylamine	667	394	59	38 - 110	
N-Nitrosodiphenylamine	1330	980	74	46 - 110	
Pentachlorophenol	1330	857	64	10 - 110	
Phenanthrene	667	461	69	49 - 110	
Phenol	667	429	64	38 - 110	
Pyrene	667	500	75	49 - 110	
2,4,5-Trichlorophenol	667	447	67	25 - 110	
2,4,6-Trichlorophenol	667	414	62	12 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	70	24 - 110
2-Fluorophenol (Surr)	64	24 - 110
Nitrobenzene-d5 (Surr)	63	20 - 110
Phenol-d5 (Surr)	66	26 - 110
Terphenyl-d14 (Surr)	95	36 - 110
2,4,6-Tribromophenol (Surr)	68	10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105717 **Method: 8270D**
Preparation: 3540C

Lab Sample ID:	MB 240-105717/9-A	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/26/2013 1051	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.76	6.7
Acenaphthylene	ND		0.35	6.7
Acetophenone	ND		9.2	100
Anthracene	ND		0.78	6.7
Benzo[a]anthracene	ND		0.63	6.7
Benzo[a]pyrene	ND		0.64	6.7
Benzo[b]fluoranthene	ND		0.59	6.7
Benzo[g,h,i]perylene	ND		0.35	6.7
Benzo[k]fluoranthene	ND		0.68	6.7
Bis(2-chloroethoxy)methane	ND		22	100
Bis(2-chloroethyl)ether	ND		2.0	100
bis (2-chloroisopropyl) ether	ND		9.5	100
Bis(2-ethylhexyl) phthalate	ND		19	70
4-Bromophenyl phenyl ether	ND		13	50
Butyl benzyl phthalate	ND		10	70
Carbazole	ND		27	50
4-Chloroaniline	ND		17	150
4-Chloro-3-methylphenol	ND		21	150
2-Chlorophenol	ND		8.2	50
4-Chlorophenyl phenyl ether	ND		13	50
Chrysene	ND		1.1	6.7
Dibenz(a,h)anthracene	ND		0.66	6.7
Dibenzofuran	ND		0.66	50
3,3'-Dichlorobenzidine	ND		18	100
2,4-Dichlorophenol	ND		20	150
Diethyl phthalate	ND		16	70
2,4-Dimethylphenol	ND		20	150
Dimethyl phthalate	ND		17	70
Di-n-butyl phthalate	15.7	J	15	70
4,6-Dinitro-2-methylphenol	ND		9.2	150
2,4-Dinitrophenol	ND		21	330
2,4-Dinitrotoluene	ND		17	200
2,6-Dinitrotoluene	ND		21	200
Di-n-octyl phthalate	ND		7.9	70
Fluoranthene	ND		0.55	6.7
Fluorene	ND		0.53	6.7
Hexachlorobenzene	ND		2.1	6.7
Hexachlorobutadiene	ND		5.6	50
Hexachlorocyclopentadiene	ND		8.1	330
Hexachloroethane	ND		9.0	50
Indeno[1,2,3-cd]pyrene	ND		0.35	6.7
Isophorone	ND		13	50
2-Methylnaphthalene	ND		0.50	6.7
2-Methylphenol	ND		11	200
3 & 4 Methylphenol	ND		20	400

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105717

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-105717/9-A	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/26/2013 1051	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	ND		0.82	6.7
2-Nitroaniline	ND		9.1	200
3-Nitroaniline	ND		16	200
4-Nitroaniline	ND		26	200
Nitrobenzene	ND		2.2	100
2-Nitrophenol	ND		8.3	50
4-Nitrophenol	ND		17	330
N-Nitrosodi-n-propylamine	ND		6.3	50
N-Nitrosodiphenylamine	ND		21	50
Pentachlorophenol	ND		9.1	150
Phenanthrene	ND		0.73	6.7
Phenol	ND		7.3	50
Pyrene	ND		0.44	6.7
2,4,5-Trichlorophenol	ND		25	150
2,4,6-Trichlorophenol	ND		8.9	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	76	24 - 110
2-Fluorophenol (Surr)	68	24 - 110
Nitrobenzene-d5 (Surr)	70	20 - 110
Phenol-d5 (Surr)	74	26 - 110
Terphenyl-d14 (Surr)	93	36 - 110
2,4,6-Tribromophenol (Surr)	48	10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105717

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105717/10-A	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/26/2013 1116	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	463	69	38 - 110	
Acenaphthylene	667	433	65	40 - 110	
Acetophenone	667	391	59	40 - 110	
Anthracene	667	484	73	48 - 110	
Benzo[a]anthracene	667	502	75	50 - 110	
Benzo[a]pyrene	667	498	75	44 - 110	
Benzo[b]fluoranthene	667	522	78	43 - 110	
Benzo[g,h,i]perylene	667	515	77	51 - 110	
Benzo[k]fluoranthene	667	505	76	38 - 105	
Bis(2-chloroethoxy)methane	667	453	68	32 - 110	
Bis(2-chloroethyl)ether	667	410	62	34 - 110	
bis (2-chloroisopropyl) ether	667	436	65	29 - 110	
Bis(2-ethylhexyl) phthalate	667	506	76	50 - 110	
4-Bromophenyl phenyl ether	667	491	74	39 - 110	
Butyl benzyl phthalate	667	505	76	51 - 110	
Carbazole	667	482	72	50 - 110	
4-Chloroaniline	667	372	56	30 - 110	
4-Chloro-3-methylphenol	667	493	74	48 - 110	
2-Chlorophenol	667	445	67	37 - 110	
4-Chlorophenyl phenyl ether	667	476	71	40 - 110	
Chrysene	667	508	76	50 - 110	
Dibenz(a,h)anthracene	667	524	79	51 - 110	
Dibenzofuran	667	459	69	43 - 110	
3,3'-Dichlorobenzidine	1330	955	72	28 - 110	
2,4-Dichlorophenol	667	497	75	39 - 110	
Diethyl phthalate	667	516	77	52 - 110	
2,4-Dimethylphenol	667	455	68	29 - 110	
Dimethyl phthalate	667	490	73	50 - 110	
Di-n-butyl phthalate	667	517	78	51 - 110	
4,6-Dinitro-2-methylphenol	1330	675	51	10 - 110	
2,4-Dinitrophenol	1330	487	37	10 - 110	
2,4-Dinitrotoluene	667	531	80	48 - 110	
2,6-Dinitrotoluene	667	517	78	45 - 110	
Di-n-octyl phthalate	667	509	76	48 - 110	
Fluoranthene	667	496	74	51 - 110	
Fluorene	667	463	69	46 - 110	
Hexachlorobenzene	667	491	74	43 - 110	
Hexachlorobutadiene	667	440	66	29 - 110	
Hexachlorocyclopentadiene	667	315	47	12 - 110	J
Hexachloroethane	667	417	63	30 - 110	
Indeno[1,2,3-cd]pyrene	667	522	78	50 - 110	

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105717

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-105717/10-A	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/26/2013 1116	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	667	432	65	36 - 110	
2-Methylnaphthalene	667	449	67	36 - 110	
2-Methylphenol	667	443	66	41 - 110	
3 & 4 Methylphenol	667	470	71	40 - 110	
Naphthalene	667	423	63	36 - 110	
2-Nitroaniline	667	528	79	45 - 110	
3-Nitroaniline	667	488	73	44 - 110	
4-Nitroaniline	667	537	81	48 - 110	
Nitrobenzene	667	473	71	32 - 110	
2-Nitrophenol	667	467	70	34 - 110	
4-Nitrophenol	1330	1080	81	28 - 110	
N-Nitrosodi-n-propylamine	667	443	66	38 - 110	
N-Nitrosodiphenylamine	1330	957	72	46 - 110	
Pentachlorophenol	1330	685	51	10 - 110	
Phenanthrene	667	483	72	49 - 110	
Phenol	667	472	71	38 - 110	
Pyrene	667	505	76	49 - 110	
2,4,5-Trichlorophenol	667	455	68	25 - 110	
2,4,6-Trichlorophenol	667	421	63	12 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	72	24 - 110
2-Fluorophenol (Surr)	70	24 - 110
Nitrobenzene-d5 (Surr)	67	20 - 110
Phenol-d5 (Surr)	73	26 - 110
Terphenyl-d14 (Surr)	88	36 - 110
2,4,6-Tribromophenol (Surr)	69	10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105717

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-30223-4	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026026.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	29.92 g
Analysis Date:	10/26/2013 2029			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-30223-4	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026027.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	30.13 g
Analysis Date:	10/26/2013 2055			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	79	83	22 - 110	4	99		
Acenaphthylene	69	69	24 - 110	0	99		
Acetophenone	94	111	31 - 110	16	43	J	J F
Anthracene	73	75	20 - 110	3	99		
Benzo[a]anthracene	75	84	10 - 122	8	99		
Benzo[a]pyrene	79	87	10 - 110	9	99		
Benzo[b]fluoranthene	73	75	12 - 118	2	99		
Benzo[g,h,i]perylene	73	78	10 - 117	5	99		
Benzo[k]fluoranthene	83	87	10 - 121	4	99		
Bis(2-chloroethoxy)methane	113	76	26 - 110	39	37	J F	J F
Bis(2-chloroethyl)ether	72	65	21 - 110	11	55	J	J
bis (2-chloroisopropyl) ether	66	74	11 - 110	11	42	J	J
Bis(2-ethylhexyl) phthalate	98	112	40 - 110	13	30	J	J F
4-Bromophenyl phenyl ether	76	74	33 - 110	3	30	J	J
Butyl benzyl phthalate	76	80	44 - 110	4	30	J	J
Carbazole	84	86	34 - 110	1	30	J	J
4-Chloroaniline	0	0	10 - 110	NC	36	F	F
4-Chloro-3-methylphenol	88	86	25 - 110	3	54	J	J
2-Chlorophenol	68	75	10 - 110	8	47	J	J
4-Chlorophenyl phenyl ether	76	74	32 - 110	3	30	J	J
Chrysene	70	76	10 - 125	6	99		
Dibenz(a,h)anthracene	74	75	14 - 113	1	99		
Dibenzofuran	84	75	29 - 110	12	30	J	J
3,3'-Dichlorobenzidine	62	70	10 - 110	12	56	J	J
2,4-Dichlorophenol	93	75	10 - 110	23	34	J	J
Diethyl phthalate	77	81	42 - 110	5	30	J	J
2,4-Dimethylphenol	147	200	10 - 110	30	31	J F	J F
Dimethyl phthalate	79	78	41 - 110	3	30	J	J
Di-n-butyl phthalate	78	76	43 - 110	3	30	J	J
4,6-Dinitro-2-methylphenol	95	94	10 - 110	1	55	J	J
2,4-Dinitrophenol	133	133	10 - 110	1	99	J F	J F
2,4-Dinitrotoluene	73	64	32 - 110	15	30	J	J

Client: EnSafe, Inc. Job Number: 240-30223-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105717

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-30223-4	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026026.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	29.92 g
Analysis Date:	10/26/2013 2029			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-30223-4	Analysis Batch:	240-107250	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-105717	Lab File ID:	31026027.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	30.13 g
Analysis Date:	10/26/2013 2055			Final Weight/Volume:	2 mL
Prep Date:	10/16/2013 0625			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,6-Dinitrotoluene	71	66	35 - 110	8	30	J	J
Di-n-octyl phthalate	77	72	24 - 119	7	30	J	J
Fluoranthene	54	75	10 - 110	17	99		
Fluorene	67	76	23 - 110	10	99		
Hexachlorobenzene	82	81	34 - 110	2	30		
Hexachlorobutadiene	78	82	25 - 110	4	34	J	J
Hexachlorocyclopentadiene	0	0	10 - 110	NC	79	F	F
Hexachloroethane	104	151	12 - 110	36	50	J	J F
Indeno[1,2,3-cd]pyrene	77	80	10 - 114	2	99		
Isophorone	0	0	29 - 110	NC	38	F	F
2-Methylnaphthalene	-96	43	10 - 133	37	42	F	4
2-Methylphenol	80	92	24 - 110	14	51	J	J
3 & 4 Methylphenol	85	85	25 - 110	1	50	J	J
Naphthalene	-315	-51	10 - 111	38	99	4	4
2-Nitroaniline	80	81	39 - 110	0	31	J	J
3-Nitroaniline	77	81	10 - 110	5	30	J	J
4-Nitroaniline	0	0	10 - 110	NC	48	F	F
Nitrobenzene	0	0	23 - 110	NC	41	F	F
2-Nitrophenol	0	0	10 - 110	NC	49	F	F
4-Nitrophenol	53	66	10 - 113	20	49	J	J
N-Nitrosodi-n-propylamine	0	0	26 - 110	NC	42	F	F
N-Nitrosodiphenylamine	72	74	22 - 110	2	30	J	J
Pentachlorophenol	103	102	10 - 110	1	50	J	J
Phenanthrene	51	74	10 - 166	18	99		
Phenol	83	84	17 - 110	1	53	J	J
Pyrene	62	79	10 - 147	14	99		
2,4,5-Trichlorophenol	0	0	10 - 117	NC	99	F	F
2,4,6-Trichlorophenol	76	76	10 - 110	0	38	J	J

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	74	77	24 - 110
2-Fluorophenol (Surr)	78	73	24 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Nitrobenzene-d5 (Surr)	0	X	0	X	20 - 110
Phenol-d5 (Surr)	85		83		26 - 110
Terphenyl-d14 (Surr)	89		87		36 - 110
2,4,6-Tribromophenol (Surr)	83		64		10 - 110

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105710 **Method: 8081B**
Preparation: 3540C

Lab Sample ID:	MB 240-105710/22-A	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105710	Lab File ID:	P3110316.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/04/2013 0123	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/16/2013 0616			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	102	41 - 157
Tetrachloro-m-xylene	105	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	41 - 157
Tetrachloro-m-xylene	105	40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Lab Control Sample - Batch: 240-105710

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-105710/23-A	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-105710	Lab File ID:	P3110308.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/03/2013 2241	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/16/2013 0616			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	36.6	110	40 - 145	
alpha-BHC	33.3	36.8	110	50 - 153	
alpha-Chlordane	33.3	36.6	110	42 - 150	
beta-BHC	33.3	34.3	103	43 - 153	
4,4'-DDD	33.3	35.0	105	53 - 160	
4,4'-DDE	33.3	38.3	115	46 - 143	
4,4'-DDT	33.3	46.7	140	40 - 157	
delta-BHC	33.3	32.5	98	54 - 152	
Dieldrin	33.3	36.7	110	51 - 154	
Endosulfan I	33.3	26.0	78	40 - 148	
Endosulfan II	33.3	35.0	105	42 - 137	
Endosulfan sulfate	33.3	40.9	123	50 - 153	
Endrin	33.3	40.5	121	55 - 147	
Endrin aldehyde	33.3	34.0	102	43 - 158	
Endrin ketone	33.3	38.0	114	41 - 142	
gamma-BHC (Lindane)	33.3	37.6	113	44 - 160	
gamma-Chlordane	33.3	36.3	109	47 - 156	
Heptachlor	33.3	36.7	110	47 - 137	
Heptachlor epoxide	33.3	36.4	109	53 - 153	
Methoxychlor	33.3	40.1	120	40 - 152	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	41 - 157
Tetrachloro-m-xylene	101	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	41 - 157
Tetrachloro-m-xylene	113	40 - 149

Client: EnSafe, Inc. Job Number: 240-30223-1

Preparation / Extraction Blank - Batch: 240-108129

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-108129/3	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110303.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/03/2013 2059	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30223-1

Preparation / Extraction Blank - Batch: 240-108129 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108129/3	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110303.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/03/2013 2059	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30223-1

Preparation / Extraction Blank - Batch: 240-109089 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-109089/3	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/09/2013 1025	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30223-1

Preparation / Extraction Blank - Batch: 240-109089 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-109089/3	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/09/2013 1025	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Method Blank - Batch: 240-105709

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-105709/22-A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-105709	Lab File ID:	P1200020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/18/2013 0700	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/16/2013 0612			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	14 - 163
Tetrachloro-m-xylene	76	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	14 - 163
Tetrachloro-m-xylene	104	29 - 151

Lab Control Sample - Batch: 240-105709

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-105709/23-A	Analysis Batch:	240-106087	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-105709	Lab File ID:	P1200031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/18/2013 1204	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/16/2013 0612			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	239	72	62 - 120	
Aroclor-1260	333	239	72	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	71	14 - 163
Tetrachloro-m-xylene	70	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	14 - 163
Tetrachloro-m-xylene	99	29 - 151

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-105998

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 240-105998/1-A	Analysis Batch:	240-106684	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/22/2013 1234	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.0989	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-105998

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCS 240-105998/2-A	Analysis Batch:	240-106684	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-105998	Lab File ID:	I9102213A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/22/2013 1238	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1045				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	195	97	80 - 120	
Barium	200	191	95	80 - 120	
Cadmium	5.00	4.88	98	80 - 120	
Chromium	20.0	19.1	96	80 - 120	
Lead	50.0	47.1	94	80 - 120	
Selenium	200	192	96	80 - 120	
Silver	5.00	4.94	99	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30223-1

Method Blank - Batch: 240-106021

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-106021/1-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1900	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-106021

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-106021/2-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106021	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1903	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/17/2013 1430				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.846	101	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30223-1

Duplicate - Batch: 240-105667

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-30223-1	Analysis Batch:	240-105667	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/15/2013 1500	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	79	80	2	20	
Percent Moisture	21	20	6	20	

TestAmerica

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TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-30223 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

4:1 Carrier

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

ENSAFE
EnSafe Inc.
800-588-7962

COC No. | Page 1 of

Project Name: Carrier Sub Slab Investigation (TR1)
PO No. 15641 | Project No. 08888143 32 Phase PH02
Site Location: Syracuse, NY
Send Results To: Shane Goodnight
Sampler/Site Phone# Joe Matthews / 901-212-6408
Lab Name: Test America | Turnaround Time(specify): 21 days

Sample Analysis Requested (*Enter number of containers for each test*)

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	(3)→ Total No. of Containers	VOCs	VOCs MeOH	VOCs dry weight	RCRA Metals	SVOCs, Tot. PCBs, pesticides					Extra Volume for MS/MSD	HOLD
	CARDCDPZ04S11	~~DCDPZ04~~	10/14/13	0823	SO	N	N	6	2	1	1	1	1						
	CARMW31S11	MW31	10/14/13	0908	SO	N	N	6	2	1	1	1	1						
	~~CARDAN~~ CARDCDPZ02S11	DCDPZ02	10/14/13	1040	SO	N	N	6	2	1	1	1	1						
	CARMW33S11	MW11	10/14/13	1205	SO	N	N	6	2	1	1	1	1						
	CARDCDPZ01S11	CDCPZ01	10/14/13	1345	SO	N	N	6	2	1	1	1	1						
	CARMW32S10	MW32	10/14/13	1500	SO	N	N	6	2	1	1	1	1						
	CARMW30S10	MW30	10/14/13	1610	SO	N	N	6	2	1	1	1	1						

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment: 1
Samples Iced?(check) Yes X No
Method of Shipment: delivery
Airbill No:
Date Shipped:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1		10/15/13	17:15		Taylor	10/15/13
2		10-17-13	19:00		10/15/13	910
3						

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water
(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank
(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 30223**
Canton Facility

Client ENSAFE Site Name _____ Cooler unpacked by:

Cooler Received on 10-15-13 Opened on 10-15-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler# N/A Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple
~~IR GUN# 5~~	~~(CF +2 °C) Observed Cooler Temp. _____ °C~~	~~Corrected Cooler Temp. _____ °C~~	~~Cooler Form~~
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. 4.1 °C	Corrected Cooler Temp. 4.1 °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC376062**
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

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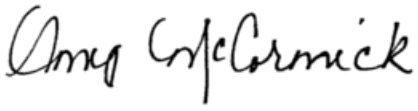
ANALYTICAL REPORT

Job Number: 240-30301-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/20/2013 12:10 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/20/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30301-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/16/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 1.8 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/16/2013 and 10/21/2013 and analyzed on 10/24/2013 and 10/25/2013.

m-Xylene & p-Xylene was detected in method blank MB 240-106363/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Xylenes, Total was detected in method blank MB 240-106363/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Methylene Chloride was detected in method blank MB 240-106758/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/18/2013 and analyzed on 10/23/2013.

Di-n-butyl phthalate was detected in method blank MB 240-106130/19-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/18/2013 and 11/01/2013 and analyzed on 11/04/2013, 11/05/2013, 11/09/2013, 11/16/2013 and 11/18/2013.

Samples CARSSIPZ03S05 (240-30301-2)[2X], CARSSIPZ03S05 (240-30301-2)[5X], CARSSIPZ04S08 (240-30301-3)[5X], CARMW25S09 (240-30301-4)[10X] and CARMW25S09 (240-30301-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Tetrachloro-m-xylene failed the surrogate recovery criteria high for CARSSIPZ04S08 (240-30301-3).

The laboratory control sample associated with batch 106122, samples CARMW25S09 (240-30301-4), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3), exhibited recoveries outside quality control acceptance criteria. Upon re-extraction and re-analysis, the recoveries met acceptance criteria; however, the recommended sample holding times had expired. Both sets of data have been reported.

The opening continuing calibration verification (CCV) associated with batch 108129 recovered DDD, DDT, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, and Methoxychlor above the upper control limits. Sample CARMW36S07 (240-30301-1) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 108129 recovered DDT, Endosulfan Sulfate, Endrin, Heptachlor, and Methoxychlor above the upper control limits. Sample CARMW36S07 (240-30301-1) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing Toxaphene continuing calibration verification (CCV) associated with batch 108129 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 108338 recovered above the upper control limits. Sample CARMW36S07 (240-30301-1) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 109089 recovered DDT and Methoxychlor above the upper control limits. Sample CARSSIPZ04S08 (240-30301-3) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109089 recovered DDT, Methoxychlor, delta-BHC, and Heptachlor above the upper control limits. Samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The grand mean exception, as outlined in EPA Method 8000B, was applied to the closing continuing calibration verification (CCV) standard associated with batch 110159 for delta-BHC. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the initial calibration (ICAL) may be used for quantitation if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 20%D. Samples CARMW25S09 (240-30301-4) and CARSSIPZ03S05 (240-30301-2) associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 110320 recovered above the upper control limits. Samples CARMW25S09 (240-30301-4) and CARSSIPZ04S08 (240-30301-3) associated with this CCV were analyzed in a previous bracket in which the opening CCV passed method 8081B criteria and the closing CCV recovered above the upper control limits demonstrating probable matrix effect; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 110320 recovered above the upper control limits. Sample CARSSIPZ03S05 (240-30301-2) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/18/2013 and analyzed on 10/22/2013.

Samples CARSSIPZ03S05 (240-30301-2) and CARSSIPZ04S08 (240-30301-3) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

Samples CARSSIPZ04S08 (240-30301-3)[10X] and CARMW25S09 (240-30301-4)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample CARSSIPZ04S08 (240-30301-3) appears to contain an unknown pattern that does not closely match any of the laboratory's Aroclor standards used for instrument calibration.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARSSIPZ04S08 (240-30301-3), CARMW25S09 (240-30301-4), CARMW25S09MS (240-30301-4MS), and CARMW25S09MSD (240-30301-4MSD).

Aroclor-1260 failed the recovery criteria high for the MS/MSD of sample CARMW25S09MS/MSD (240-30301-4) in batch 240-106493. Aroclor-1260 exceeded the RPD limit.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/18/2013 and analyzed on 10/30/2013.

Barium was detected in method blank MB 240-106168/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/18/2013 and analyzed on 10/24/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples CARMW36S07 (240-30301-1), CARSSIPZ03S05 (240-30301-2), CARSSIPZ04S08 (240-30301-3) and CARMW25S09 (240-30301-4) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/18/2013.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30301-1	**CARMW36S07**					
2-Butanone (MEK)		99	J	850	ug/Kg	8260C
cis-1,2-Dichloroethene		270		210	ug/Kg	8260C
trans-1,2-Dichloroethene		20	J	210	ug/Kg	8260C
Trichloroethene		3400		210	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		28	J	78	ug/Kg	8270D
Di-n-butyl phthalate		82	B	78	ug/Kg	8270D
Arsenic		3.8		1.3	mg/Kg	6010C
Barium		53	B	17	mg/Kg	6010C
Cadmium		0.032	J	0.43	mg/Kg	6010C
Chromium		9.4		0.86	mg/Kg	6010C
Lead		3.6		0.86	mg/Kg	6010C
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture
240-30301-2	**CARSSIPZ03S05**					
Acetone		16	J	20	ug/Kg	8260C
cis-1,2-Dichloroethene		5.2		5.0	ug/Kg	8260C
Methylene Chloride		8.6	B	5.0	ug/Kg	8260C
Trichloroethene		23		5.0	ug/Kg	8260C
Vinyl chloride		4.7	J	5.0	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		48	J	86	ug/Kg	8270D
Dibenzofuran		61		61	ug/Kg	8270D
Di-n-butyl phthalate		100	B	86	ug/Kg	8270D
Fluoranthene		6.0	J	8.2	ug/Kg	8270D
Fluorene		50		8.2	ug/Kg	8270D
2-Methylnaphthalene		250		8.2	ug/Kg	8270D
Naphthalene		28		8.2	ug/Kg	8270D
Phenanthrene		22		8.2	ug/Kg	8270D
Pyrene		7.0	J	8.2	ug/Kg	8270D
Arsenic		3.9		1.6	mg/Kg	6010C
Barium		71	B	21	mg/Kg	6010C
Cadmium		0.089	J	0.53	mg/Kg	6010C
Chromium		10		1.1	mg/Kg	6010C
Lead		5.5		1.1	mg/Kg	6010C
Mercury		0.016	J	0.11	mg/Kg	7471B
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30301-3	**CARSSIPZ04S08**					
1,1-Dichloroethane		120	J	260	ug/Kg	8260C
1,2-Dichlorobenzene		14	J	260	ug/Kg	8260C
4-Methyl-2-pentanone (MIBK)		170	J	1000	ug/Kg	8260C
Acetone		220	J	1000	ug/Kg	8260C
cis-1,2-Dichloroethene		490		260	ug/Kg	8260C
Tetrachloroethene		120	J	260	ug/Kg	8260C
Toluene		23	J	260	ug/Kg	8260C
trans-1,2-Dichloroethene		30	J	260	ug/Kg	8260C
Trichloroethene		180	J	260	ug/Kg	8260C
Vinyl chloride		33	J	260	ug/Kg	8260C
Acenaphthylene		6.1	J	8.5	ug/Kg	8270D
Anthracene		35		8.5	ug/Kg	8270D
Benzo[a]anthracene		59		8.5	ug/Kg	8270D
Benzo[a]pyrene		41		8.5	ug/Kg	8270D
Benzo[b]fluoranthene		59		8.5	ug/Kg	8270D
Bis(2-chloroethyl)ether		27	J	130	ug/Kg	8270D
Carbazole		83		64	ug/Kg	8270D
4-Chloro-3-methylphenol		62	J	190	ug/Kg	8270D
Chrysene		54		8.5	ug/Kg	8270D
Dibenzofuran		29	J	64	ug/Kg	8270D
Di-n-butyl phthalate		50	J B	89	ug/Kg	8270D
Fluoranthene		130		8.5	ug/Kg	8270D
Fluorene		27		8.5	ug/Kg	8270D
2-Methylnaphthalene		32		8.5	ug/Kg	8270D
3 & 4 Methylphenol		360	J	510	ug/Kg	8270D
Naphthalene		55		8.5	ug/Kg	8270D
Phenanthrene		140		8.5	ug/Kg	8270D
Phenol		58	J	64	ug/Kg	8270D
Pyrene		120		8.5	ug/Kg	8270D
Aldrin		25	H	11	ug/Kg	8081B
alpha-BHC		14	H	11	ug/Kg	8081B
Arsenic		3.5		1.7	mg/Kg	6010C
Barium		56	B	22	mg/Kg	6010C
Cadmium		0.10	J	0.56	mg/Kg	6010C
Chromium		12		1.1	mg/Kg	6010C
Lead		8.9		1.1	mg/Kg	6010C
Mercury		0.047	J	0.11	mg/Kg	7471B
Percent Solids		78		0.10	%	Moisture
Percent Moisture		22		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30301-4	**CARMW25S09**					
Acetone		47		18	ug/Kg	8260C
Chlorobenzene		1.7	J	4.5	ug/Kg	8260C
cis-1,2-Dichloroethene		4.8		4.5	ug/Kg	8260C
1,2-Dichlorobenzene		1.2	J	4.5	ug/Kg	8260C
1,3-Dichlorobenzene		13		4.5	ug/Kg	8260C
1,4-Dichlorobenzene		20		4.5	ug/Kg	8260C
1,1-Dichloroethane		7.5		4.5	ug/Kg	8260C
Methylene Chloride		3.9	J B	4.5	ug/Kg	8260C
Tetrachloroethene		20		4.5	ug/Kg	8260C
Toluene		0.70	J	4.5	ug/Kg	8260C
trans-1,2-Dichloroethene		0.91	J	4.5	ug/Kg	8260C
1,2,4-Trichlorobenzene		51		4.5	ug/Kg	8260C
Trichloroethene		18		4.5	ug/Kg	8260C
Vinyl chloride		0.70	J	4.5	ug/Kg	8260C
Xylenes, Total		2.5	J	9.1	ug/Kg	8260C
Acenaphthene		51		8.3	ug/Kg	8270D
Acenaphthylene		12		8.3	ug/Kg	8270D
Anthracene		83		8.3	ug/Kg	8270D
Benzo[a]anthracene		130		8.3	ug/Kg	8270D
Benzo[b]fluoranthene		250		8.3	ug/Kg	8270D
Chrysene		160		8.3	ug/Kg	8270D
Dibenzofuran		45	J	62	ug/Kg	8270D
Di-n-butyl phthalate		110	B	87	ug/Kg	8270D
Fluoranthene		310		8.3	ug/Kg	8270D
Fluorene		75		8.3	ug/Kg	8270D
2-Methylnaphthalene		30		8.3	ug/Kg	8270D
Naphthalene		39		8.3	ug/Kg	8270D
Phenanthrene		340		8.3	ug/Kg	8270D
Pyrene		480		8.3	ug/Kg	8270D
alpha-BHC		6.3	J H	11	ug/Kg	8081B
beta-BHC		14	H	11	ug/Kg	8081B
Dieldrin		22	H	11	ug/Kg	8081B
Endosulfan sulfate		30	H	11	ug/Kg	8081B
Endrin aldehyde		21	H	11	ug/Kg	8081B
Methoxychlor		55	H	20	ug/Kg	8081B
Aroclor-1260		4300		810	ug/Kg	8082A
Arsenic		4.3		1.7	mg/Kg	6010C
Barium		88	B	23	mg/Kg	6010C
Cadmium		0.10	J	0.56	mg/Kg	6010C
Chromium		14		1.1	mg/Kg	6010C
Lead		7.1		1.1	mg/Kg	6010C
Mercury		0.025	J	0.13	mg/Kg	7471B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30301-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30301-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Lavey, Tim	TJL1
SW846 8270D	Gruber, John	JMG
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Bosworth, Heather M	HMB
SW846 6010C	Counts, Karen	KLC
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Burns, Jill	JMB

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30301-1	CARMW36S07	Solid	10/15/2013 0810	10/16/2013 1750
240-30301-2	CARSSIPZ03S05	Solid	10/15/2013 1037	10/16/2013 1750
240-30301-3	CARSSIPZ04S08	Solid	10/15/2013 1420	10/16/2013 1750
240-30301-4	CARMW25S09	Solid	10/15/2013 1640	10/16/2013 1750

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-106363	Lab File ID:	U1233270.D
Dilution:	1.0			Initial Weight/Volume:	6.525 g
Analysis Date:	10/24/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		18	210
1,1,2,2-Tetrachloroethane		ND		7.6	210
1,1,2-Trichloroethane		ND		10	210
1,1-Dichloroethane		ND		15	210
1,1-Dichloroethene		ND		15	210
1,2,4-Trichlorobenzene		ND		6.2	210
1,2-Dibromo-3-Chloropropane		ND		43	430
1,2-Dichlorobenzene		ND		7.3	210
1,2-Dichloroethane		ND		8.5	210
1,2-Dichloropropane		ND		7.0	210
1,3-Dichlorobenzene		ND		4.1	210
1,4-Dichlorobenzene		ND		6.8	210
2-Butanone (MEK)		99	J	37	850
2-Hexanone		ND		17	850
4-Methyl-2-pentanone (MIBK)		ND		41	850
Acetone		ND		150	850
Benzene		ND		10	210
Bromoform		ND		16	210
Bromomethane		ND		25	210
Carbon disulfide		ND		10	210
Carbon tetrachloride		ND		5.5	210
Chlorobenzene		ND		5.5	210
Chlorodibromomethane		ND		10	210
Chloroethane		ND		52	210
Chloroform		ND		7.5	210
Chloromethane		ND		12	210
cis-1,2-Dichloroethene		270		5.9	210
cis-1,3-Dichloropropene		ND		6.7	210
Dichlorodifluoromethane		ND		14	210
Dichlorobromomethane		ND		8.4	210
Ethylbenzene		ND		4.6	210
Isopropylbenzene		ND		5.5	210
Methyl tert-butyl ether		ND		6.1	210
Methylene Chloride		ND		66	210
Styrene		ND		4.8	210
Tetrachloroethene		ND		10	210
Toluene		ND		15	210
trans-1,2-Dichloroethene		20	J	7.8	210
trans-1,3-Dichloropropene		ND		17	210
Trichloroethene		3400		8.3	210
Trichlorofluoromethane		ND		14	210
Vinyl chloride		ND		15	210
Xylenes, Total		ND		5.3	430
Ethylene Dibromide		ND		8.5	210

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-106363	Lab File ID:	U1233270.D
Dilution:	1.0			Initial Weight/Volume:	6.525 g
Analysis Date:	10/24/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	107		33 - 134
Dibromofluoromethane (Surr)	106		30 - 122
4-Bromofluorobenzene (Surr)	106		26 - 141
1,2-Dichloroethane-d4 (Surr)	91		39 - 128

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-106363	Lab File ID:	U1233270.D
Dilution:	1.0			Initial Weight/Volume:	6.525 g
Analysis Date:	10/24/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				

Tentatively Identified Compounds **Number TIC's Found: 4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1120-21-4	Undecane	11.10	370	T J N
	Unknown	11.31	210	T J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	13.42	290	T J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	13.90	230	T J N

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106263	Lab File ID:	UX88259.D
Dilution:	1.0			Initial Weight/Volume:	6.149 g
Analysis Date:	10/25/2013 0457			Final Weight/Volume:	5 mL
Prep Date:	10/16/2013 1805				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		16	J	6.3	20
Benzene		ND		0.23	5.0
Bromoform		ND		0.33	5.0
Bromomethane		ND		0.54	5.0
2-Butanone (MEK)		ND		1.4	20
Carbon disulfide		ND		0.44	5.0
Carbon tetrachloride		ND		0.37	5.0
Chlorobenzene		ND		0.33	5.0
Chlorodibromomethane		ND		0.55	5.0
Chloroethane		ND		0.86	5.0
Chloroform		ND		0.29	5.0
Chloromethane		ND		0.41	5.0
cis-1,2-Dichloroethene		5.2		0.36	5.0
cis-1,3-Dichloropropene		ND		0.34	5.0
1,2-Dibromo-3-Chloropropane		ND		1.3	10
1,2-Dichlorobenzene		ND		0.36	5.0
1,3-Dichlorobenzene		ND		0.35	5.0
1,4-Dichlorobenzene		ND		0.66	5.0
Dichlorobromomethane		ND		0.28	5.0
Dichlorodifluoromethane		ND		0.50	5.0
1,1-Dichloroethane		ND		0.36	5.0
1,2-Dichloroethane		ND		0.34	5.0
1,1-Dichloroethene		ND		0.52	5.0
1,2-Dichloropropane		ND		0.69	5.0
Ethylbenzene		ND		0.26	5.0
Ethylene Dibromide		ND		0.50	5.0
2-Hexanone		ND		0.63	20
Isopropylbenzene		ND		0.16	5.0
Methylene Chloride		8.6	B	0.67	5.0
4-Methyl-2-pentanone (MIBK)		ND		0.54	20
Methyl tert-butyl ether		ND		0.43	5.0
Styrene		ND		0.15	5.0
1,1,2,2-Tetrachloroethane		ND		0.34	5.0
Tetrachloroethene		ND		0.52	5.0
Toluene		ND		0.27	5.0
trans-1,2-Dichloroethene		ND		0.41	5.0
trans-1,3-Dichloropropene		ND		0.54	5.0
1,2,4-Trichlorobenzene		ND		0.27	5.0
1,1,1-Trichloroethane		ND		0.56	5.0
1,1,2-Trichloroethane		ND		0.39	5.0
Trichloroethene		23		0.42	5.0
Trichlorofluoromethane		ND		0.34	5.0
Vinyl chloride		4.7	J	0.39	5.0
Xylenes, Total		ND		0.35	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106263	Lab File ID:	UX88259.D
Dilution:	1.0			Initial Weight/Volume:	6.149 g
Analysis Date:	10/25/2013 0457			Final Weight/Volume:	5 mL
Prep Date:	10/16/2013 1805				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	131		52 - 136
Dibromofluoromethane (Surr)	90		37 - 132
1,2-Dichloroethane-d4 (Surr)	97		58 - 123
Toluene-d8 (Surr)	104		67 - 125

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106263	Lab File ID:	UX88259.D
Dilution:	1.0			Initial Weight/Volume:	6.149 g
Analysis Date:	10/25/2013 0457			Final Weight/Volume:	5 mL
Prep Date:	10/16/2013 1805				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1632-70-8	Undecane, 5-methyl-	10.53	1000	T J N
4292-92-6	Cyclohexane, pentyl-	10.95	850	T J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.09	1000	T J N
112-40-3	Dodecane	11.42	750	T J N
54411-02-8	Cyclohexane, 1-methyl-3-pentyl-	11.48	830	T J N
17301-23-4	Undecane, 2,6-dimethyl-	11.57	940	T J N
17428-83-0	1H-Inden-1-one, octahydro-7a-methyl-, tr	11.64	1100	T J N
55012-77-6	1,1'-Bicyclohexyl, 2-(2-methylpropyl)-,	11.73	660	T J N
26730-14-3	Tridecane, 7-methyl-	12.16	930	T J N
1000214-99-3	1,3,6-Trimethyladamantane	12.51	650	T J N

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-106363	Lab File ID:	U1233271.D
Dilution:	1.0			Initial Weight/Volume:	6.14 g
Analysis Date:	10/24/2013 2317			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		22	260
1,1,2,2-Tetrachloroethane		ND		9.3	260
1,1,2-Trichloroethane		ND		13	260
1,1-Dichloroethane		120	J	18	260
1,1-Dichloroethene		ND		19	260
1,2,4-Trichlorobenzene		ND		7.6	260
1,2-Dibromo-3-Chloropropane		ND		52	520
1,2-Dichlorobenzene		14	J	9.0	260
1,2-Dichloroethane		ND		10	260
1,2-Dichloropropane		ND		8.5	260
1,3-Dichlorobenzene		ND		5.0	260
1,4-Dichlorobenzene		ND		8.3	260
2-Butanone (MEK)		ND		45	1000
2-Hexanone		ND		21	1000
4-Methyl-2-pentanone (MIBK)		170	J	50	1000
Acetone		220	J	180	1000
Benzene		ND		13	260
Bromoform		ND		20	260
Bromomethane		ND		30	260
Carbon disulfide		ND		13	260
Carbon tetrachloride		ND		6.7	260
Chlorobenzene		ND		6.7	260
Chlorodibromomethane		ND		13	260
Chloroethane		ND		64	260
Chloroform		ND		9.2	260
Chloromethane		ND		15	260
cis-1,2-Dichloroethene		490		7.2	260
cis-1,3-Dichloropropene		ND		8.2	260
Dichlorodifluoromethane		ND		17	260
Dichlorobromomethane		ND		10	260
Ethylbenzene		ND		5.6	260
Isopropylbenzene		ND		6.8	260
Methyl tert-butyl ether		ND		7.4	260
Methylene Chloride		ND		80	260
Styrene		ND		5.8	260
Tetrachloroethene		120	J	13	260
Toluene		23	J	18	260
trans-1,2-Dichloroethene		30	J	9.6	260
trans-1,3-Dichloropropene		ND		21	260
Trichloroethene		180	J	10	260
Trichlorofluoromethane		ND		17	260
Vinyl chloride		33	J	19	260
Xylenes, Total		ND		6.5	520
Ethylene Dibromide		ND		10	260

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-106363	Lab File ID:	U1233271.D
Dilution:	1.0			Initial Weight/Volume:	6.14 g
Analysis Date:	10/24/2013 2317			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	91		33 - 134
Dibromofluoromethane (Surr)	93		30 - 122
4-Bromofluorobenzene (Surr)	90		26 - 141
1,2-Dichloroethane-d4 (Surr)	84		39 - 128

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Prep Method:	5035	Prep Batch:	240-106363	Lab File ID:	U1233271.D
Dilution:	1.0			Initial Weight/Volume:	6.14 g
Analysis Date:	10/24/2013 2317			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				

Tentatively Identified Compounds **Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1120-21-4	Undecane	11.10	360	T J N
2131-42-2	Naphthalene, 1,4,6-trimethyl-	13.42	270	T J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	13.91	270	T J N

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106263	Lab File ID:	UX88260.D
Dilution:	1.0			Initial Weight/Volume:	6.829 g
Analysis Date:	10/25/2013 0518			Final Weight/Volume:	5 mL
Prep Date:	10/16/2013 1805				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		47		5.7	18
Benzene		ND		0.21	4.5
Bromoform		ND		0.30	4.5
Bromomethane		ND		0.49	4.5
2-Butanone (MEK)		ND		1.3	18
Carbon disulfide		ND		0.40	4.5
Carbon tetrachloride		ND		0.34	4.5
Chlorobenzene		1.7	J	0.30	4.5
Chlorodibromomethane		ND		0.50	4.5
Chloroethane		ND		0.78	4.5
Chloroform		ND		0.26	4.5
Chloromethane		ND		0.37	4.5
cis-1,2-Dichloroethene		4.8		0.33	4.5
cis-1,3-Dichloropropene		ND		0.31	4.5
1,2-Dibromo-3-Chloropropane		ND		1.2	9.1
1,2-Dichlorobenzene		1.2	J	0.33	4.5
1,3-Dichlorobenzene		13		0.32	4.5
1,4-Dichlorobenzene		20		0.60	4.5
Dichlorobromomethane		ND		0.25	4.5
Dichlorodifluoromethane		ND		0.45	4.5
1,1-Dichloroethane		7.5		0.33	4.5
1,2-Dichloroethane		ND		0.31	4.5
1,1-Dichloroethene		ND		0.47	4.5
1,2-Dichloropropane		ND		0.63	4.5
Ethylbenzene		ND		0.24	4.5
Ethylene Dibromide		ND		0.45	4.5
2-Hexanone		ND		0.57	18
Isopropylbenzene		ND		0.15	4.5
Methylene Chloride		3.9	J B	0.61	4.5
4-Methyl-2-pentanone (MIBK)		ND		0.49	18
Methyl tert-butyl ether		ND		0.39	4.5
Styrene		ND		0.14	4.5
1,1,2,2-Tetrachloroethane		ND		0.31	4.5
Tetrachloroethene		20		0.47	4.5
Toluene		0.70	J	0.25	4.5
trans-1,2-Dichloroethene		0.91	J	0.37	4.5
trans-1,3-Dichloropropene		ND		0.49	4.5
1,2,4-Trichlorobenzene		51		0.25	4.5
1,1,1-Trichloroethane		ND		0.51	4.5
1,1,2-Trichloroethane		ND		0.35	4.5
Trichloroethene		18		0.38	4.5
Trichlorofluoromethane		ND		0.31	4.5
Vinyl chloride		0.70	J	0.35	4.5
Xylenes, Total		2.5	J	0.32	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106263	Lab File ID:	UX88260.D
Dilution:	1.0			Initial Weight/Volume:	6.829 g
Analysis Date:	10/25/2013 0518			Final Weight/Volume:	5 mL
Prep Date:	10/16/2013 1805				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	94		52 - 136
Dibromofluoromethane (Surr)	91		37 - 132
1,2-Dichloroethane-d4 (Surr)	96		58 - 123
Toluene-d8 (Surr)	88		67 - 125

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106263	Lab File ID:	UX88260.D
Dilution:	1.0			Initial Weight/Volume:	6.829 g
Analysis Date:	10/25/2013 0518			Final Weight/Volume:	5 mL
Prep Date:	10/16/2013 1805				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	6.86	36	T J N
111-84-2	Nonane	7.91	8.3	T J N
3682-42-6	Pentanoic acid, 3-methyl-2-oxo-, methyl	8.14	36	T J N
124-18-5	Decane	9.16	19	T J N
13151-34-3	Decane, 3-methyl-	10.02	7.5	T J N
91-17-8	Naphthalene, decahydro-	10.24	9.3	T J N
1120-21-4	Undecane	10.33	22	T J N
514-94-3	1,3-Cyclohexadiene, 1,5,5,6-tetramethyl-	10.53	11	T J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	13.37	5.6	T J N
629-59-4	Tetradecane	13.64	20	T J N

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023017.D
Dilution:	1.0			Initial Weight/Volume:	30.13 g
Analysis Date:	10/23/2013 1724			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.84	7.4
Acenaphthylene		ND		0.39	7.4
Acetophenone		ND		10	110
Anthracene		ND		0.86	7.4
Benzo[a]anthracene		ND		0.70	7.4
Benzo[a]pyrene		ND		0.71	7.4
Benzo[b]fluoranthene		ND		0.65	7.4
Benzo[g,h,i]perylene		ND		0.39	7.4
Benzo[k]fluoranthene		ND		0.75	7.4
Bis(2-chloroethoxy)methane		ND		24	110
Bis(2-chloroethyl)ether		ND		2.2	110
bis (2-chloroisopropyl) ether		ND		11	110
Bis(2-ethylhexyl) phthalate		28	J	21	78
4-Bromophenyl phenyl ether		ND		14	55
Butyl benzyl phthalate		ND		11	78
Carbazole		ND		30	55
4-Chloroaniline		ND		19	170
4-Chloro-3-methylphenol		ND		23	170
2-Chlorophenol		ND		9.1	55
4-Chlorophenyl phenyl ether		ND		14	55
Chrysene		ND		1.2	7.4
Dibenz(a,h)anthracene		ND		0.73	7.4
Dibenzofuran		ND		0.73	55
3,3'-Dichlorobenzidine		ND		20	110
2,4-Dichlorophenol		ND		22	170
Diethyl phthalate		ND		18	78
2,4-Dimethylphenol		ND		22	170
Dimethyl phthalate		ND		19	78
Di-n-butyl phthalate		82	B	17	78
4,6-Dinitro-2-methylphenol		ND		10	170
2,4-Dinitrophenol		ND		23	370
2,4-Dinitrotoluene		ND		19	220
2,6-Dinitrotoluene		ND		23	220
Di-n-octyl phthalate		ND		8.8	78
Fluoranthene		ND		0.61	7.4
Fluorene		ND		0.59	7.4
Hexachlorobenzene		ND		2.3	7.4
Hexachlorobutadiene		ND		6.2	55
Hexachlorocyclopentadiene		ND		9.0	370
Hexachloroethane		ND		10	55
Indeno[1,2,3-cd]pyrene		ND		0.39	7.4
Isophorone		ND		14	55
2-Methylnaphthalene		ND		0.55	7.4
2-Methylphenol		ND		12	220
3 & 4 Methylphenol		ND		22	440
Naphthalene		ND		0.91	7.4

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023017.D
Dilution:	1.0			Initial Weight/Volume:	30.13 g
Analysis Date:	10/23/2013 1724			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		10	220
3-Nitroaniline		ND		18	220
4-Nitroaniline		ND		29	220
Nitrobenzene		ND		2.4	110
2-Nitrophenol		ND		9.2	55
4-Nitrophenol		ND		19	370
N-Nitrosodi-n-propylamine		ND		7.0	55
N-Nitrosodiphenylamine		ND		23	55
Pentachlorophenol		ND		10	170
Phenanthrene		ND		0.81	7.4
Phenol		ND		8.1	55
Pyrene		ND		0.49	7.4
2,4,5-Trichlorophenol		ND		28	170
2,4,6-Trichlorophenol		ND		9.9	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		24 - 110
2-Fluorophenol (Surr)	63		24 - 110
Nitrobenzene-d5 (Surr)	56		20 - 110
Phenol-d5 (Surr)	65		26 - 110
Terphenyl-d14 (Surr)	92		36 - 110
2,4,6-Tribromophenol (Surr)	54		10 - 110

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023018.D
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Analysis Date:	10/23/2013 1748			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.93	8.2
Acenaphthylene		ND		0.43	8.2
Acetophenone		ND		11	120
Anthracene		ND		0.96	8.2
Benzo[a]anthracene		ND		0.77	8.2
Benzo[a]pyrene		ND		0.78	8.2
Benzo[b]fluoranthene		ND		0.72	8.2
Benzo[g,h,i]perylene		ND		0.43	8.2
Benzo[k]fluoranthene		ND		0.83	8.2
Bis(2-chloroethoxy)methane		ND		27	120
Bis(2-chloroethyl)ether		ND		2.5	120
bis (2-chloroisopropyl) ether		ND		12	120
Bis(2-ethylhexyl) phthalate		48	J	23	86
4-Bromophenyl phenyl ether		ND		16	61
Butyl benzyl phthalate		ND		12	86
Carbazole		ND		33	61
4-Chloroaniline		ND		21	180
4-Chloro-3-methylphenol		ND		26	180
2-Chlorophenol		ND		10	61
4-Chlorophenyl phenyl ether		ND		16	61
Chrysene		ND		1.3	8.2
Dibenz(a,h)anthracene		ND		0.81	8.2
Dibenzofuran		61		0.81	61
3,3'-Dichlorobenzidine		ND		22	120
2,4-Dichlorophenol		ND		25	180
Diethyl phthalate		ND		20	86
2,4-Dimethylphenol		ND		25	180
Dimethyl phthalate		ND		21	86
Di-n-butyl phthalate		100	B	18	86
4,6-Dinitro-2-methylphenol		ND		11	180
2,4-Dinitrophenol		ND		26	400
2,4-Dinitrotoluene		ND		21	250
2,6-Dinitrotoluene		ND		26	250
Di-n-octyl phthalate		ND		9.7	86
Fluoranthene		6.0	J	0.67	8.2
Fluorene		50		0.65	8.2
Hexachlorobenzene		ND		2.6	8.2
Hexachlorobutadiene		ND		6.9	61
Hexachlorocyclopentadiene		ND		9.9	400
Hexachloroethane		ND		11	61
Indeno[1,2,3-cd]pyrene		ND		0.43	8.2
Isophorone		ND		16	61
2-Methylnaphthalene		250		0.61	8.2
2-Methylphenol		ND		13	250
3 & 4 Methylphenol		ND		25	490
Naphthalene		28		1.0	8.2

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023018.D
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Analysis Date:	10/23/2013 1748			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		32	250
Nitrobenzene		ND		2.7	120
2-Nitrophenol		ND		10	61
4-Nitrophenol		ND		21	400
N-Nitrosodi-n-propylamine		ND		7.7	61
N-Nitrosodiphenylamine		ND		26	61
Pentachlorophenol		ND		11	180
Phenanthrene		22		0.89	8.2
Phenol		ND		8.9	61
Pyrene		7.0	J	0.54	8.2
2,4,5-Trichlorophenol		ND		31	180
2,4,6-Trichlorophenol		ND		11	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	67		24 - 110
2-Fluorophenol (Surr)	66		24 - 110
Nitrobenzene-d5 (Surr)	71		20 - 110
Phenol-d5 (Surr)	67		26 - 110
Terphenyl-d14 (Surr)	87		36 - 110
2,4,6-Tribromophenol (Surr)	61		10 - 110

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023019.D
Dilution:	1.0			Initial Weight/Volume:	30.20 g
Analysis Date:	10/23/2013 1811			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.97	8.5
Acenaphthylene		6.1	J	0.44	8.5
Acetophenone		ND		12	130
Anthracene		35		0.99	8.5
Benzo[a]anthracene		59		0.80	8.5
Benzo[a]pyrene		41		0.81	8.5
Benzo[b]fluoranthene		59		0.75	8.5
Benzo[g,h,i]perylene		ND		0.44	8.5
Benzo[k]fluoranthene		ND		0.86	8.5
Bis(2-chloroethoxy)methane		ND		28	130
Bis(2-chloroethyl)ether		27	J	2.5	130
bis (2-chloroisopropyl) ether		ND		12	130
Bis(2-ethylhexyl) phthalate		ND		24	89
4-Bromophenyl phenyl ether		ND		17	64
Butyl benzyl phthalate		ND		13	89
Carbazole		83		34	64
4-Chloroaniline		ND		22	190
4-Chloro-3-methylphenol		62	J	27	190
2-Chlorophenol		ND		10	64
4-Chlorophenyl phenyl ether		ND		17	64
Chrysene		54		1.4	8.5
Dibenz(a,h)anthracene		ND		0.84	8.5
Dibenzofuran		29	J	0.84	64
3,3'-Dichlorobenzidine		ND		23	130
2,4-Dichlorophenol		ND		25	190
Diethyl phthalate		ND		20	89
2,4-Dimethylphenol		ND		25	190
Dimethyl phthalate		ND		22	89
Di-n-butyl phthalate		50	J B	19	89
4,6-Dinitro-2-methylphenol		ND		12	190
2,4-Dinitrophenol		ND		27	420
2,4-Dinitrotoluene		ND		22	250
2,6-Dinitrotoluene		ND		27	250
Di-n-octyl phthalate		ND		10	89
Fluoranthene		130		0.70	8.5
Fluorene		27		0.67	8.5
Hexachlorobenzene		ND		2.7	8.5
Hexachlorobutadiene		ND		7.1	64
Hexachlorocyclopentadiene		ND		10	420
Hexachloroethane		ND		11	64
Indeno[1,2,3-cd]pyrene		ND		0.44	8.5
Isophorone		ND		17	64
2-Methylnaphthalene		32		0.64	8.5
2-Methylphenol		ND		14	250
3 & 4 Methylphenol		360	J	25	510
Naphthalene		55		1.0	8.5

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023019.D
Dilution:	1.0			Initial Weight/Volume:	30.20 g
Analysis Date:	10/23/2013 1811			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		12	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		33	250
Nitrobenzene		ND		2.8	130
2-Nitrophenol		ND		11	64
4-Nitrophenol		ND		22	420
N-Nitrosodi-n-propylamine		ND		8.0	64
N-Nitrosodiphenylamine		ND		27	64
Pentachlorophenol		ND		12	190
Phenanthrene		140		0.93	8.5
Phenol		58	J	9.3	64
Pyrene		120		0.56	8.5
2,4,5-Trichlorophenol		ND		32	190
2,4,6-Trichlorophenol		ND		11	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	75		24 - 110
2-Fluorophenol (Surr)	70		24 - 110
Nitrobenzene-d5 (Surr)	66		20 - 110
Phenol-d5 (Surr)	73		26 - 110
Terphenyl-d14 (Surr)	93		36 - 110
2,4,6-Tribromophenol (Surr)	77		10 - 110

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023020.D
Dilution:	1.0			Initial Weight/Volume:	29.97 g
Analysis Date:	10/23/2013 1835			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		51		0.94	8.3
Acenaphthylene		12		0.44	8.3
Acetophenone		ND		11	120
Anthracene		83		0.97	8.3
Benzo[a]anthracene		130		0.78	8.3
Benzo[a]pyrene		ND		0.80	8.3
Benzo[b]fluoranthene		250		0.73	8.3
Benzo[g,h,i]perylene		ND		0.44	8.3
Benzo[k]fluoranthene		ND		0.85	8.3
Bis(2-chloroethoxy)methane		ND		27	120
Bis(2-chloroethyl)ether		ND		2.5	120
bis (2-chloroisopropyl) ether		ND		12	120
Bis(2-ethylhexyl) phthalate		ND		24	87
4-Bromophenyl phenyl ether		ND		16	62
Butyl benzyl phthalate		ND		12	87
Carbazole		ND		34	62
4-Chloroaniline		ND		21	190
4-Chloro-3-methylphenol		ND		26	190
2-Chlorophenol		ND		10	62
4-Chlorophenyl phenyl ether		ND		16	62
Chrysene		160		1.4	8.3
Dibenz(a,h)anthracene		ND		0.82	8.3
Dibenzofuran		45	J	0.82	62
3,3'-Dichlorobenzidine		ND		22	120
2,4-Dichlorophenol		ND		25	190
Diethyl phthalate		ND		20	87
2,4-Dimethylphenol		ND		25	190
Dimethyl phthalate		ND		21	87
Di-n-butyl phthalate		110	B	19	87
4,6-Dinitro-2-methylphenol		ND		11	190
2,4-Dinitrophenol		ND		26	410
2,4-Dinitrotoluene		ND		21	250
2,6-Dinitrotoluene		ND		26	250
Di-n-octyl phthalate		ND		9.8	87
Fluoranthene		310		0.68	8.3
Fluorene		75		0.66	8.3
Hexachlorobenzene		ND		2.6	8.3
Hexachlorobutadiene		ND		7.0	62
Hexachlorocyclopentadiene		ND		10	410
Hexachloroethane		ND		11	62
Indeno[1,2,3-cd]pyrene		ND		0.44	8.3
Isophorone		ND		16	62
2-Methylnaphthalene		30		0.62	8.3
2-Methylphenol		ND		14	250
3 & 4 Methylphenol		ND		25	500
Naphthalene		39		1.0	8.3

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023020.D
Dilution:	1.0			Initial Weight/Volume:	29.97 g
Analysis Date:	10/23/2013 1835			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		32	250
Nitrobenzene		ND		2.7	120
2-Nitrophenol		ND		10	62
4-Nitrophenol		ND		21	410
N-Nitrosodi-n-propylamine		ND		7.8	62
N-Nitrosodiphenylamine		ND		26	62
Pentachlorophenol		ND		11	190
Phenanthrene		340		0.91	8.3
Phenol		ND		9.1	62
Pyrene		480		0.55	8.3
2,4,5-Trichlorophenol		ND		31	190
2,4,6-Trichlorophenol		ND		11	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	78		24 - 110
2-Fluorophenol (Surr)	72		24 - 110
Nitrobenzene-d5 (Surr)	72		20 - 110
Phenol-d5 (Surr)	77		26 - 110
Terphenyl-d14 (Surr)	105		36 - 110
2,4,6-Tribromophenol (Surr)	76		10 - 110

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 0405			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	*	1.4	1.9
alpha-BHC		ND	*	0.82	1.9
alpha-Chlordane		ND	*	1.1	1.9
beta-BHC		ND	*	1.2	1.9
4,4'-DDD		ND	*	0.70	1.9
4,4'-DDE		ND	*	0.44	1.9
4,4'-DDT		ND	*	0.71	1.9
delta-BHC		ND	*	1.4	1.9
Dieldrin		ND	*	0.53	1.9
Endosulfan I		ND	*	0.59	1.9
Endosulfan II		ND	*	0.93	1.9
Endosulfan sulfate		ND	*	0.98	1.9
Endrin		ND	*	0.56	1.9
Endrin aldehyde		ND	*	1.1	1.9
Endrin ketone		ND	*	0.71	1.9
gamma-BHC (Lindane)		ND	*	0.83	1.9
gamma-Chlordane		ND	*	0.47	1.9
Heptachlor		ND	*	1.2	1.9
Heptachlor epoxide		ND	*	0.90	1.9
Methoxychlor		ND	*	1.7	3.7
Toxaphene		ND		21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		41 - 157
DCB Decachlorobiphenyl	100		41 - 157
Tetrachloro-m-xylene	118		40 - 149
Tetrachloro-m-xylene	179	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.90 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 1713	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	H	1.3	1.9
alpha-BHC		ND	H	0.82	1.9
alpha-Chlordane		ND	H	1.0	1.9
beta-BHC		ND	H	1.2	1.9
4,4'-DDD		ND	H	0.69	1.9
4,4'-DDE		ND	H	0.44	1.9
4,4'-DDT		ND	H	0.70	1.9
delta-BHC		ND	H	1.3	1.9
Dieldrin		ND	H	0.52	1.9
Endosulfan I		ND	H	0.58	1.9
Endosulfan II		ND	H	0.92	1.9
Endosulfan sulfate		ND	H	0.97	1.9
Endrin		ND	H	0.56	1.9
Endrin aldehyde		ND	H	1.1	1.9
Endrin ketone		ND	H	0.70	1.9
gamma-BHC (Lindane)		ND	H	0.83	1.9
gamma-Chlordane		ND	H	0.47	1.9
Heptachlor		ND	H	1.2	1.9
Heptachlor epoxide		ND	H	0.89	1.9
Methoxychlor		ND	H	1.7	3.7
Toxaphene		ND	H	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		41 - 157
Tetrachloro-m-xylene	98		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.90 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 1713	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		41 - 157
Tetrachloro-m-xylene	98		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	30.41 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	11/16/2013 1632			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	*	2.9	4.1
alpha-BHC		ND	*	1.8	4.1
alpha-Chlordane		ND	*	2.3	4.1
beta-BHC		ND	*	2.7	4.1
4,4'-DDD		ND	*	1.5	4.1
4,4'-DDE		ND	*	0.94	4.1
4,4'-DDT		ND	*	1.5	4.1
delta-BHC		ND	*	2.9	4.1
Dieldrin		ND	*	1.1	4.1
Endosulfan I		ND	*	1.3	4.1
Endosulfan II		ND	*	2.0	4.1
Endosulfan sulfate		ND	*	2.1	4.1
Endrin		ND	*	1.2	4.1
Endrin aldehyde		ND	*	2.4	4.1
Endrin ketone		ND	*	1.5	4.1
gamma-BHC (Lindane)		ND	*	1.8	4.1
gamma-Chlordane		ND	*	1.0	4.1
Heptachlor		ND	*	2.7	4.1
Heptachlor epoxide		ND	*	1.9	4.1
Methoxychlor		ND	*	3.6	8.0
Toxaphene		ND		46	160

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		41 - 157
DCB Decachlorobiphenyl	85		41 - 157
Tetrachloro-m-xylene	88		40 - 149
Tetrachloro-m-xylene	89		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.90 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2028	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	H	7.4	10
alpha-BHC		ND	H	4.5	10
alpha-Chlordane		ND	H	5.8	10
beta-BHC		ND	H	6.8	10
4,4'-DDD		ND	H	3.8	10
4,4'-DDE		ND	H	2.4	10
4,4'-DDT		ND	H	3.9	10
delta-BHC		ND	H	7.4	10
Dieldrin		ND	H	2.9	10
Endosulfan I		ND	H	3.2	10
Endosulfan II		ND	H	5.0	10
Endosulfan sulfate		ND	H	5.4	10
Endrin		ND	H	3.1	10
Endrin aldehyde		ND	H	6.2	10
Endrin ketone		ND	H	3.9	10
gamma-BHC (Lindane)		ND	H	4.6	10
gamma-Chlordane		ND	H	2.6	10
Heptachlor		ND	H	6.8	10
Heptachlor epoxide		ND	H	4.9	10
Methoxychlor		ND	H	9.2	20
Toxaphene		ND	H	120	410

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		41 - 157
Tetrachloro-m-xylene	115		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.90 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2028	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		41 - 157
Tetrachloro-m-xylene	96		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	29.58 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/09/2013 2015			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		13	*	7.8	11
alpha-BHC		23	*	4.7	11
alpha-Chlordane		ND	*	6.1	11
beta-BHC		ND	*	7.1	11
4,4'-DDD		ND	*	4.0	11
4,4'-DDE		ND	*	2.5	11
4,4'-DDT		ND	*	4.1	11
delta-BHC		ND	*	7.8	11
Dieldrin		ND	*	3.0	11
Endosulfan I		ND	*	3.4	11
Endosulfan II		ND	*	5.3	11
Endosulfan sulfate		ND	*	5.6	11
Endrin		4.0	J *	3.2	11
Endrin aldehyde		ND	*	6.5	11
Endrin ketone		ND	*	4.1	11
gamma-BHC (Lindane)		ND	*	4.8	11
gamma-Chlordane		ND	*	2.7	11
Heptachlor		ND	*	7.1	11
Heptachlor epoxide		ND	*	5.2	11
Methoxychlor		ND	*	9.7	21
Toxaphene		ND		120	430

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		41 - 157
DCB Decachlorobiphenyl	75		41 - 157
Tetrachloro-m-xylene	111		40 - 149
Tetrachloro-m-xylene	108		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.94 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2048	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		25	H	7.7	11
alpha-BHC		14	H	4.7	11
alpha-Chlordane		ND	H	6.0	11
beta-BHC		ND	H	7.1	11
4,4'-DDD		ND	H	4.0	11
4,4'-DDE		ND	H	2.5	11
4,4'-DDT		ND	H	4.0	11
delta-BHC		ND	H	7.7	11
Dieldrin		ND	H	3.0	11
Endosulfan I		ND	H	3.3	11
Endosulfan II		ND	H	5.3	11
Endosulfan sulfate		ND	H	5.6	11
Endrin		ND	H	3.2	11
Endrin aldehyde		ND	H	6.4	11
Endrin ketone		ND	H	4.0	11
gamma-BHC (Lindane)		ND	H	4.7	11
gamma-Chlordane		ND	H	2.7	11
Heptachlor		ND	H	7.1	11
Heptachlor epoxide		ND	H	5.1	11
Methoxychlor		ND	H	9.6	21
Toxaphene		ND	H	120	430

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		41 - 157
Tetrachloro-m-xylene	198	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.94 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2048	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		41 - 157
Tetrachloro-m-xylene	82		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	30.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2108	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	H	7.4	11
alpha-BHC		6.3	J H	4.5	11
alpha-Chlordane		ND	H	5.8	11
beta-BHC		14	H	6.8	11
4,4'-DDD		ND	H	3.8	11
4,4'-DDE		ND	H	2.4	11
4,4'-DDT		ND	H	3.9	11
delta-BHC		ND	H	7.4	11
Dieldrin		22	H	2.9	11
Endosulfan I		ND	H	3.2	11
Endosulfan II		ND	H	5.1	11
Endosulfan sulfate		30	H	5.4	11
Endrin		ND	H	3.1	11
Endrin aldehyde		21	H	6.2	11
Endrin ketone		ND	H	3.9	11
gamma-BHC (Lindane)		ND	H	4.6	11
gamma-Chlordane		ND	H	2.6	11
Heptachlor		ND	H	6.8	11
Heptachlor epoxide		ND	H	5.0	11
Methoxychlor		55	H	9.3	20
Toxaphene		ND	H	120	420

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		41 - 157
Tetrachloro-m-xylene	97		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	30.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2108	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		41 - 157
Tetrachloro-m-xylene	125		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	30.36 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/16/2013 1653			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	*	15	21
alpha-BHC		ND	*	9.0	21
alpha-Chlordane		ND	*	12	21
beta-BHC		ND	*	14	21
4,4'-DDD		ND	*	7.6	21
4,4'-DDE		ND	*	4.8	21
4,4'-DDT		ND	*	7.7	21
delta-BHC		ND	*	15	21
Dieldrin		17	J *	5.8	21
Endosulfan I		ND	*	6.4	21
Endosulfan II		ND	*	10	21
Endosulfan sulfate		27	*	11	21
Endrin		ND	*	6.1	21
Endrin aldehyde		20	J *	12	21
Endrin ketone		ND	*	7.7	21
gamma-BHC (Lindane)		ND	*	9.1	21
gamma-Chlordane		ND	*	5.2	21
Heptachlor		ND	*	14	21
Heptachlor epoxide		ND	*	9.8	21
Methoxychlor		65	*	18	41
Toxaphene		ND		230	820

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		41 - 157
DCB Decachlorobiphenyl	99		41 - 157
Tetrachloro-m-xylene	113		40 - 149
Tetrachloro-m-xylene	77		40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0558			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		24	37
Aroclor-1221		ND		18	37
Aroclor-1232		ND		16	37
Aroclor-1242		ND		15	37
Aroclor-1248		ND		19	37
Aroclor-1254		ND		19	37
Aroclor-1260		ND		19	37
Aroclor-1262		ND		30	37
Aroclor-1268		ND		16	37

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		14 - 163
Tetrachloro-m-xylene	103		29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0558			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		14 - 163
Tetrachloro-m-xylene	86		29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	30.41 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0613			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		25	40
Aroclor-1221		ND		19	40
Aroclor-1232		ND		17	40
Aroclor-1242		ND		16	40
Aroclor-1248		ND		21	40
Aroclor-1254		ND		21	40
Aroclor-1260		ND		21	40
Aroclor-1262		ND		33	40
Aroclor-1268		ND		17	40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		14 - 163
Tetrachloro-m-xylene	56		29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	30.41 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0613			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	68		14 - 163
Tetrachloro-m-xylene	58		29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.58 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0628			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		270	430
Aroclor-1221		ND		210	430
Aroclor-1232		ND		180	430
Aroclor-1242		ND		170	430
Aroclor-1248		ND		220	430
Aroclor-1254		ND		220	430
Aroclor-1260		ND		220	430
Aroclor-1262		ND		350	430
Aroclor-1268		ND		180	430

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.58 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0628			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	30.36 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0714			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		520	810
Aroclor-1221		ND		390	810
Aroclor-1232		ND		340	810
Aroclor-1242		ND		320	810
Aroclor-1248		ND		420	810
Aroclor-1254		ND		420	810
Aroclor-1260		4300		420	810
Aroclor-1262		ND		660	810
Aroclor-1268		ND		340	810

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	30.36 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0714			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810
Client Matrix: Solid % Moisture: 10.2 Date Received: 10/16/2013 1750

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.30 g
Analysis Date:	10/30/2013 1336			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.8		0.26	1.3
Barium		53	B	0.061	17
Cadmium		0.032	J	0.031	0.43
Chromium		9.4		0.17	0.86
Lead		3.6		0.16	0.86
Selenium		ND		0.39	1.7
Silver		ND		0.086	0.86

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	10/24/2013 1756			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.015	0.10

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037
Client Matrix: Solid % Moisture: 18.5 Date Received: 10/16/2013 1750

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	10/30/2013 1341			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.9		0.32	1.6
Barium		71	B	0.076	21
Cadmium		0.089	J	0.038	0.53
Chromium		10		0.21	1.1
Lead		5.5		0.20	1.1
Selenium		ND		0.48	2.1
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	10/24/2013 1758			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.016	0.11

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420
Client Matrix: Solid % Moisture: 21.9 Date Received: 10/16/2013 1750

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.14 g
Analysis Date:	10/30/2013 1345			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.5		0.34	1.7
Barium		56	B	0.080	22
Cadmium		0.10	J	0.040	0.56
Chromium		12		0.22	1.1
Lead		8.9		0.21	1.1
Selenium		ND		0.51	2.2
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	10/24/2013 1800			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.047	J	0.017	0.11

Client: EnSafe, Inc. Job Number: 240-30301-1

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640
Client Matrix: Solid % Moisture: 19.5 Date Received: 10/16/2013 1750

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	10/30/2013 1349			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		4.3		0.34	1.7
Barium		88	B	0.080	23
Cadmium		0.10	J	0.041	0.56
Chromium		14		0.23	1.1
Lead		7.1		0.21	1.1
Selenium		ND		0.51	2.3
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	10/24/2013 1802			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.025	J	0.019	0.13

General Chemistry

Client Sample ID: **CARMW36S07**

Lab Sample ID: 240-30301-1 Date Sampled: 10/15/2013 0810

Client Matrix: Solid Date Received: 10/16/2013 1750

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARSSIPZ03S05**

Lab Sample ID: 240-30301-2 Date Sampled: 10/15/2013 1037

Client Matrix: Solid Date Received: 10/16/2013 1750

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARSSIPZ04S08**

Lab Sample ID: 240-30301-3 Date Sampled: 10/15/2013 1420

Client Matrix: Solid Date Received: 10/16/2013 1750

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW25S09**

Lab Sample ID: 240-30301-4 Date Sampled: 10/15/2013 1640

Client Matrix: Solid Date Received: 10/16/2013 1750

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30301-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-106263					
240-30301-2	CARSSIPZ03S05	T	Solid	5035	
240-30301-4	CARMW25S09	T	Solid	5035	
Prep Batch: 240-106363					
LCS 240-106363/2-A	Lab Control Sample	T	Solid	5035	
MB 240-106363/1-A	Method Blank	T	Solid	5035	
240-30301-1	CARMW36S07	T	Solid	5035	
240-30301-3	CARSSIPZ04S08	T	Solid	5035	
Prep Batch: 240-106758					
MB 240-106758/1-A	Method Blank	T	Solid	5035	
Analysis Batch:240-107027					
LCS 240-106363/2-A	Lab Control Sample	T	Solid	8260C	240-106363
MB 240-106363/1-A	Method Blank	T	Solid	8260C	240-106363
240-30301-1	CARMW36S07	T	Solid	8260C	240-106363
240-30301-3	CARSSIPZ04S08	T	Solid	8260C	240-106363
Analysis Batch:240-107052					
LCS 240-107052/5	Lab Control Sample	T	Solid	8260C	
MB 240-106758/1-A	Method Blank	T	Solid	8260C	240-106758
240-30301-2	CARSSIPZ03S05	T	Solid	8260C	240-106263
240-30301-4	CARMW25S09	T	Solid	8260C	240-106263

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30301-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-106130					
LCS 240-106130/20-A	Lab Control Sample	T	Solid	3540C	
MB 240-106130/19-A	Method Blank	T	Solid	3540C	
240-30301-1	CARMW36S07	T	Solid	3540C	
240-30301-2	CARSSIPZ03S05	T	Solid	3540C	
240-30301-3	CARSSIPZ04S08	T	Solid	3540C	
240-30301-4	CARMW25S09	T	Solid	3540C	
Analysis Batch:240-106711					
LCS 240-106130/20-A	Lab Control Sample	T	Solid	8270D	240-106130
MB 240-106130/19-A	Method Blank	T	Solid	8270D	240-106130
240-30301-1	CARMW36S07	T	Solid	8270D	240-106130
240-30301-2	CARSSIPZ03S05	T	Solid	8270D	240-106130
240-30301-3	CARSSIPZ04S08	T	Solid	8270D	240-106130
240-30301-4	CARMW25S09	T	Solid	8270D	240-106130

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30301-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-106117					
LCS 240-106117/15-A	Lab Control Sample	T	Solid	3540C	
MB 240-106117/14-A	Method Blank	T	Solid	3540C	
240-30301-1	CARMW36S07	T	Solid	3540C	
240-30301-2	CARSSIPZ03S05	T	Solid	3540C	
240-30301-3	CARSSIPZ04S08	T	Solid	3540C	
240-30301-4	CARMW25S09	T	Solid	3540C	
240-30301-4MS	Matrix Spike	T	Solid	3540C	
240-30301-4MSD	Matrix Spike Duplicate	T	Solid	3540C	
Prep Batch: 240-106122					
LCS 240-106122/15-A	Lab Control Sample	T	Solid	3540C	
MB 240-106122/14-A	Method Blank	T	Solid	3540C	
240-30301-1	CARMW36S07	T	Solid	3540C	
240-30301-2	CARSSIPZ03S05	T	Solid	3540C	
240-30301-3	CARSSIPZ04S08	T	Solid	3540C	
240-30301-4	CARMW25S09	T	Solid	3540C	
Analysis Batch:240-106493					
PB 240-106493/2	Preparation / Extraction Blank	T	Solid	8082A	
LCS 240-106117/15-A	Lab Control Sample	T	Solid	8082A	240-106117
MB 240-106117/14-A	Method Blank	T	Solid	8082A	240-106117
240-30301-1	CARMW36S07	T	Solid	8082A	240-106117
240-30301-2	CARSSIPZ03S05	T	Solid	8082A	240-106117
240-30301-3	CARSSIPZ04S08	T	Solid	8082A	240-106117
240-30301-4	CARMW25S09	T	Solid	8082A	240-106117
240-30301-4MS	Matrix Spike	T	Solid	8082A	240-106117
240-30301-4MSD	Matrix Spike Duplicate	T	Solid	8082A	240-106117
Analysis Batch:240-107032					
MB 240-106122/14-A	Method Blank	T	Solid	8081B	240-106122
Analysis Batch:240-107445					
LCS 240-106122/15-A	Lab Control Sample	T	Solid	8081B	240-106122
Prep Batch: 240-108059					
LCS 240-108059/15-A	Lab Control Sample	T	Solid	3540C	
MB 240-108059/14-A	Method Blank	T	Solid	3540C	
240-30301-1RE	CARMW36S07	T	Solid	3540C	
240-30301-2RE	CARSSIPZ03S05	T	Solid	3540C	
240-30301-3RE	CARSSIPZ04S08	T	Solid	3540C	
240-30301-4RE	CARMW25S09	T	Solid	3540C	
Analysis Batch:240-108129					
240-30301-1	CARMW36S07	T	Solid	8081B	240-106122

Client: EnSafe, Inc. Job Number: 240-30301-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-108338					
PB 240-108338/3	Preparation / Extraction Blank	T	Solid	8081B	
LCS 240-108059/15-A	Lab Control Sample	T	Solid	8081B	240-108059
MB 240-108059/14-A	Method Blank	T	Solid	8081B	240-108059
240-30301-1RE	CARMW36S07	T	Solid	8081B	240-108059
Analysis Batch:240-109089					
240-30301-3	CARSSIPZ04S08	T	Solid	8081B	240-106122
Analysis Batch:240-110159					
PB 240-110159/3	Preparation / Extraction Blank	T	Solid	8081B	
240-30301-2	CARSSIPZ03S05	T	Solid	8081B	240-106122
240-30301-4	CARMW25S09	T	Solid	8081B	240-106122
Analysis Batch:240-110320					
PB 240-110320/7	Preparation / Extraction Blank	T	Solid	8081B	
240-30301-2RE	CARSSIPZ03S05	T	Solid	8081B	240-108059
240-30301-3RE	CARSSIPZ04S08	T	Solid	8081B	240-108059
240-30301-4RE	CARMW25S09	T	Solid	8081B	240-108059

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30301-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-106168					
LCS 240-106168/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-106168/1-A	Method Blank	T	Solid	3050B	
240-30301-1	CARMW36S07	T	Solid	3050B	
240-30301-2	CARSSIPZ03S05	T	Solid	3050B	
240-30301-3	CARSSIPZ04S08	T	Solid	3050B	
240-30301-4	CARMW25S09	T	Solid	3050B	
Prep Batch: 240-106191					
LCS 240-106191/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-106191/1-A	Method Blank	T	Solid	7471B	
240-30301-1	CARMW36S07	T	Solid	7471B	
240-30301-2	CARSSIPZ03S05	T	Solid	7471B	
240-30301-3	CARSSIPZ04S08	T	Solid	7471B	
240-30301-4	CARMW25S09	T	Solid	7471B	
Analysis Batch:240-107033					
LCS 240-106191/2-A	Lab Control Sample	T	Solid	7471B	240-106191
MB 240-106191/1-A	Method Blank	T	Solid	7471B	240-106191
240-30301-1	CARMW36S07	T	Solid	7471B	240-106191
240-30301-2	CARSSIPZ03S05	T	Solid	7471B	240-106191
240-30301-3	CARSSIPZ04S08	T	Solid	7471B	240-106191
240-30301-4	CARMW25S09	T	Solid	7471B	240-106191
Analysis Batch:240-107816					
LCS 240-106168/2-A	Lab Control Sample	T	Solid	6010C	240-106168
MB 240-106168/1-A	Method Blank	T	Solid	6010C	240-106168
240-30301-1	CARMW36S07	T	Solid	6010C	240-106168
240-30301-2	CARSSIPZ03S05	T	Solid	6010C	240-106168
240-30301-3	CARSSIPZ04S08	T	Solid	6010C	240-106168
240-30301-4	CARMW25S09	T	Solid	6010C	240-106168

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30301-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-106259					
240-30301-1	CARMW36S07	T	Solid	Moisture	
240-30301-2	CARSSIPZ03S05	T	Solid	Moisture	
240-30301-2DU	Duplicate	T	Solid	Moisture	
240-30301-3	CARSSIPZ04S08	T	Solid	Moisture	
240-30301-4	CARMW25S09	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30301-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30301-2	CARSSIPZ03S05	131	90	97	104
240-30301-4	CARMW25S09	94	91	96	88

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc.

Job Number: 240-30301-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
MB 240-106758/1-A		87	87	88	92
LCS 240-107052/5		89	91	94	94

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	67-125
DBFM = Dibromofluoromethane (Surr)	37-132
BFB = 4-Bromofluorobenzene (Surr)	52-136
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123

Client: EnSafe, Inc.

Job Number: 240-30301-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	DBFM %Rec	BFB %Rec	DCA %Rec
240-30301-1	CARMW36S07	107	106	106	91
240-30301-3	CARSSIPZ04S08	91	93	90	84
MB 240-106363/1-A		95	93	93	82
LCS 240-106363/2-A		101	103	103	94

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	33-134
DBFM = Dibromofluoromethane (Surr)	30-122
BFB = 4-Bromofluorobenzene (Surr)	26-141
DCA = 1,2-Dichloroethane-d4 (Surr)	39-128

Client: EnSafe, Inc. Job Number: 240-30301-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-30301-1	CARMW36S07	62	63	56	65	92	54
240-30301-2	CARSSIPZ03S05	67	66	71	67	87	61
240-30301-3	CARSSIPZ04S08	75	70	66	73	93	77
240-30301-4	CARMW25S09	78	72	72	77	105	76
MB 240-106130/19-A		73	61	69	68	91	41
LCS 240-106130/20-A		79	77	75	80	100	85

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	24-110
2FP = 2-Fluorophenol (Surr)	24-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
PHL = Phenol-d5 (Surr)	26-110
TPH = Terphenyl-d14 (Surr)	36-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110

Client: EnSafe, Inc.

Job Number: 240-30301-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30301-1	CARMW36S07	105	100	118	179X
240-30301-1 RE	CARMW36S07 RE	82	87	98	98
240-30301-2	CARSSIPZ03S05	88	85	88	89
240-30301-2 RE	CARSSIPZ03S05 RE	84	97	115	96
240-30301-3	CARSSIPZ04S08	73	75	111	108
240-30301-3 RE	CARSSIPZ04S08 RE	78	74	198X	82
240-30301-4	CARMW25S09	98	99	113	77
240-30301-4 RE	CARMW25S09 RE	81	99	97	125
MB 240-106122/14-A		76	96	65	105
MB 240-108059/14-A		68	76	91	141
LCS 240-106122/15-A		0X	0X	23X	153X
LCS 240-108059/15-A		89	89	99	97

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc. Job Number: 240-30301-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30301-1	CARMW36S07	79	90	103	86
240-30301-2	CARSSIPZ03S05	62	68	56	58
240-30301-3	CARSSIPZ04S08	0X	0X	0X	0X
240-30301-4	CARMW25S09	0X	0X	0X	0X
MB 240-106117/14-A		71	82	74	88
LCS 240-106117/15-A		76	90	124	87
240-30301-4 MS	CARMW25S09 MS	0X	0X	0X	0X
240-30301-4 MSD	CARMW25S09 MSD	0X	0X	0X	0X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106363 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-106363/1-A	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-106363	Lab File ID:	U1233266.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/24/2013 2119	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		43	1000
1,2-Dibromo-3-Chloropropane	ND		50	500
1,2-Dichlorobenzene	ND		8.6	250
Acetone	ND		170	1000
1,3-Dichlorobenzene	ND		4.8	250
Benzene	ND		12	250
1,4-Dichlorobenzene	ND		8.0	250
Bromoform	ND		19	250
Bromomethane	ND		29	250
Carbon disulfide	ND		12	250
1,1-Dichloroethane	ND		17	250
Carbon tetrachloride	ND		6.4	250
1,2-Dichloroethane	ND		10	250
Chlorobenzene	ND		6.4	250
Chlorodibromomethane	ND		12	250
1,1-Dichloroethene	ND		18	250
Chloroethane	ND		61	250
1,2-Dichloropropane	ND		8.2	250
Chloroform	ND		8.8	250
Chloromethane	ND		14	250
cis-1,2-Dichloroethene	ND		6.9	250
2-Hexanone	ND		20	1000
cis-1,3-Dichloropropene	ND		7.9	250
Dichlorodifluoromethane	ND		16	250
Dichlorobromomethane	ND		9.9	250
4-Methyl-2-pentanone (MIBK)	ND		48	1000
Ethylbenzene	ND		5.4	250
Isopropylbenzene	ND		6.5	250
Methyl tert-butyl ether	ND		7.1	250
Methylene Chloride	ND		77	250
m-Xylene & p-Xylene	6.72	J	6.2	250
o-Xylene	ND		8.5	250
1,1,2,2-Tetrachloroethane	ND		8.9	250
Styrene	ND		5.6	250
Tetrachloroethene	ND		12	250
Toluene	ND		17	250
trans-1,2-Dichloroethene	ND		9.2	250
trans-1,3-Dichloropropene	ND		20	250
1,2,4-Trichlorobenzene	ND		7.3	250
1,1,1-Trichloroethane	ND		21	250
1,1,2-Trichloroethane	ND		12	250
Ethylene Dibromide	ND		10	250
Trichloroethene	ND		9.7	250
Trichlorofluoromethane	ND		16	250
Vinyl chloride	ND		18	250

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106363 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-106363/1-A	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-106363	Lab File ID:	U1233266.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/24/2013 2119	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	6.72	J	6.2	500

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	33 - 134
Dibromofluoromethane (Surr)	93	30 - 122
4-Bromofluorobenzene (Surr)	93	26 - 141
1,2-Dichloroethane-d4 (Surr)	82	39 - 128

Method Blank TICs- Batch: 240-106363

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
1000132-52-0	1,3-Cyclohexanedione, 5-isopropyl-	11.31	486	T J N
75-65-0	2-Methyl-2-propanol	3.43	301	J
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.19	380	T J N
4292-92-6	Cyclohexane, pentyl-	11.75	496	T J N
2847-72-5	Decane, 4-methyl-	10.15	406	T J N
2131-42-2	Naphthalene, 1,4,6-trimethyl-	12.63	283	T J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	13.42	311	T J N
575-43-9	Naphthalene, 1,6-dimethyl-	8.93	1640	T J N
1120-21-4	Undecane	11.10	712	T J N
	Unknown	11.45	396	T J

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-106363

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-106363/2-A	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-106363	Lab File ID:	U1233265.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/24/2013 2054	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	2000	1970	98	10 - 199	
1,2-Dibromo-3-Chloropropane	1000	1220	122	10 - 129	
1,2-Dichlorobenzene	1000	1180	118	68 - 118	
Acetone	2000	1710	86	16 - 156	
1,3-Dichlorobenzene	1000	1170	117	66 - 121	
Benzene	1000	1050	105	70 - 117	
1,4-Dichlorobenzene	1000	1130	113	65 - 119	
Bromoform	1000	937	94	10 - 117	
Bromomethane	1000	1060	106	10 - 114	
Carbon disulfide	1000	1140	114	10 - 132	
1,1-Dichloroethane	1000	1040	104	63 - 117	
Carbon tetrachloride	1000	1060	106	29 - 118	
1,2-Dichloroethane	1000	1010	101	68 - 119	
Chlorobenzene	1000	1130	113	71 - 116	
Chlorodibromomethane	1000	1080	108	22 - 113	
1,1-Dichloroethene	1000	902	90	44 - 143	
Chloroethane	1000	1020	102	10 - 120	
1,2-Dichloropropane	1000	1130	113	73 - 113	
Chloroform	1000	1010	101	63 - 116	
Chloromethane	1000	681	68	25 - 110	
cis-1,2-Dichloroethene	1000	1030	103	60 - 125	
2-Hexanone	2000	2150	108	43 - 130	
cis-1,3-Dichloropropene	1000	1050	105	25 - 120	
Dichlorodifluoromethane	1000	403	40	10 - 110	
Dichlorobromomethane	1000	992	99	28 - 123	
4-Methyl-2-pentanone (MIBK)	2000	2060	103	49 - 121	
Ethylbenzene	1000	1100	110	66 - 119	
Isopropylbenzene	1000	1130	113	61 - 123	
Methyl tert-butyl ether	1000	1110	111	34 - 157	
Methylene Chloride	1000	1000	100	27 - 172	
m-Xylene & p-Xylene	1000	1160	116	67 - 118	
o-Xylene	1000	1130	113	68 - 120	
1,1,2,2-Tetrachloroethane	1000	1010	101	54 - 121	
Styrene	1000	1170	117	60 - 120	
Tetrachloroethene	1000	1130	113	58 - 131	
Toluene	1000	1120	112	66 - 123	
trans-1,2-Dichloroethene	1000	1150	115	58 - 121	
trans-1,3-Dichloropropene	1000	1120	112	22 - 122	
1,2,4-Trichlorobenzene	1000	1250	125	41 - 135	
1,1,1-Trichloroethane	1000	1050	105	38 - 122	
1,1,2-Trichloroethane	1000	1020	102	74 - 114	

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-106363

Method: 8260C
Preparation: 5035

Lab Sample ID:	LCS 240-106363/2-A	Analysis Batch:	240-107027	Instrument ID:	A3UX12
Client Matrix:	Solid	Prep Batch:	240-106363	Lab File ID:	U1233265.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/24/2013 2054	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1013				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	1000	1090	109	47 - 123	
Trichloroethene	1000	1100	110	59 - 124	
Trichlorofluoromethane	1000	1050	105	17 - 145	
Vinyl chloride	1000	766	77	33 - 110	
Xylenes, Total	2000	2290	115	68 - 119	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	101	33 - 134
Dibromofluoromethane (Surr)	103	30 - 122
4-Bromofluorobenzene (Surr)	103	26 - 141
1,2-Dichloroethane-d4 (Surr)	94	39 - 128

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106758 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-106758/1-A	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-106758	Lab File ID:	UX88257.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/25/2013 0357	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/23/2013 1023				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Butanone (MEK)	ND		1.4	20
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
Acetone	ND		6.3	20
1,3-Dichlorobenzene	ND		0.35	5.0
Benzene	ND		0.23	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
Carbon disulfide	ND		0.44	5.0
1,1-Dichloroethane	ND		0.36	5.0
Carbon tetrachloride	ND		0.37	5.0
1,2-Dichloroethane	ND		0.34	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
1,1-Dichloroethene	ND		0.52	5.0
Chloroethane	ND		0.86	5.0
1,2-Dichloropropane	ND		0.69	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
2-Hexanone	ND		0.63	20
cis-1,3-Dichloropropene	ND		0.34	5.0
Dichlorodifluoromethane	ND		0.50	5.0
Dichlorobromomethane	ND		0.28	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Ethylbenzene	ND		0.26	5.0
Isopropylbenzene	ND		0.16	5.0
Methyl tert-butyl ether	ND		0.43	5.0
Methylene Chloride	2.86	J	0.67	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Styrene	ND		0.15	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Ethylene Dibromide	ND		0.50	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106758

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-106758/1-A	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-106758	Lab File ID:	UX88257.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/25/2013 0357	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/23/2013 1023				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	87	67 - 125
Dibromofluoromethane (Surr)	87	37 - 132
4-Bromofluorobenzene (Surr)	88	52 - 136
1,2-Dichloroethane-d4 (Surr)	92	58 - 123

Method Blank TICs- Batch: 240-106758

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-107052

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107052/5	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/25/2013 0311	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	100	112	112	52 - 131	
1,2-Dibromo-3-Chloropropane	50.0	49.2	98	61 - 132	
1,2-Dichlorobenzene	50.0	48.2	96	76 - 110	
Acetone	100	115	115	41 - 137	
1,3-Dichlorobenzene	50.0	47.2	94	78 - 111	
Benzene	50.0	48.9	98	79 - 112	
1,4-Dichlorobenzene	50.0	46.7	93	75 - 110	
Bromoform	50.0	59.1	118	62 - 133	
Bromomethane	50.0	45.7	91	42 - 136	
Carbon disulfide	50.0	49.3	99	62 - 146	
1,1-Dichloroethane	50.0	48.2	96	76 - 115	
Carbon tetrachloride	50.0	51.1	102	71 - 129	
1,2-Dichloroethane	50.0	50.8	102	72 - 120	
Chlorobenzene	50.0	47.7	95	78 - 110	
Chlorodibromomethane	50.0	55.2	110	72 - 127	
1,1-Dichloroethene	50.0	45.0	90	75 - 135	
Chloroethane	50.0	42.9	86	58 - 117	
1,2-Dichloropropane	50.0	51.1	102	87 - 113	
Chloroform	50.0	49.5	99	77 - 114	
Chloromethane	50.0	42.6	85	50 - 110	
cis-1,2-Dichloroethene	50.0	49.8	100	76 - 113	
2-Hexanone	100	119	119	64 - 136	
cis-1,3-Dichloropropene	50.0	57.2	114	74 - 128	
Dichlorodifluoromethane	50.0	41.7	83	26 - 113	
Dichlorobromomethane	50.0	53.8	108	84 - 122	
4-Methyl-2-pentanone (MIBK)	100	122	122	67 - 135	
Ethylbenzene	50.0	48.5	97	79 - 117	
Isopropylbenzene	50.0	48.9	98	76 - 122	
Methyl tert-butyl ether	50.0	54.9	110	49 - 165	
Methylene Chloride	50.0	48.4	97	75 - 118	
m-Xylene & p-Xylene	50.0	49.2	98	80 - 117	
o-Xylene	50.0	51.7	103	80 - 120	
1,1,2,2-Tetrachloroethane	50.0	52.0	104	77 - 123	
Styrene	50.0	52.1	104	87 - 117	
Tetrachloroethene	50.0	47.3	95	79 - 114	
Toluene	50.0	47.7	95	75 - 111	
trans-1,2-Dichloroethene	50.0	48.7	97	78 - 117	
trans-1,3-Dichloropropene	50.0	61.4	123	73 - 131	
1,2,4-Trichlorobenzene	50.0	48.7	97	64 - 124	
1,1,1-Trichloroethane	50.0	47.8	96	77 - 126	
1,1,2-Trichloroethane	50.0	49.9	100	83 - 112	

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-107052

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107052/5	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/25/2013 0311	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylene Dibromide	50.0	52.8	106	83 - 117	
Trichloroethene	50.0	49.4	99	79 - 113	
Trichlorofluoromethane	50.0	44.3	89	57 - 146	
Vinyl chloride	50.0	43.5	87	57 - 114	
Xylenes, Total	100	101	101	80 - 118	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	67 - 125
Dibromofluoromethane (Surr)	91	37 - 132
4-Bromofluorobenzene (Surr)	94	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106130 **Method: 8270D**
Preparation: 3540C

Lab Sample ID:	MB 240-106130/19-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1303	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.76	6.7
Acenaphthylene	ND		0.35	6.7
Acetophenone	ND		9.2	100
Anthracene	ND		0.78	6.7
Benzo[a]anthracene	ND		0.63	6.7
Benzo[a]pyrene	ND		0.64	6.7
Benzo[b]fluoranthene	ND		0.59	6.7
Benzo[g,h,i]perylene	ND		0.35	6.7
Benzo[k]fluoranthene	ND		0.68	6.7
Bis(2-chloroethoxy)methane	ND		22	100
Bis(2-chloroethyl)ether	ND		2.0	100
bis (2-chloroisopropyl) ether	ND		9.5	100
Bis(2-ethylhexyl) phthalate	ND		19	70
4-Bromophenyl phenyl ether	ND		13	50
Butyl benzyl phthalate	ND		10	70
Carbazole	ND		27	50
4-Chloroaniline	ND		17	150
4-Chloro-3-methylphenol	ND		21	150
2-Chlorophenol	ND		8.2	50
4-Chlorophenyl phenyl ether	ND		13	50
Chrysene	ND		1.1	6.7
Dibenz(a,h)anthracene	ND		0.66	6.7
Dibenzofuran	ND		0.66	50
3,3'-Dichlorobenzidine	ND		18	100
2,4-Dichlorophenol	ND		20	150
Diethyl phthalate	ND		16	70
2,4-Dimethylphenol	ND		20	150
Dimethyl phthalate	ND		17	70
Di-n-butyl phthalate	28.0	J	15	70
4,6-Dinitro-2-methylphenol	ND		9.2	150
2,4-Dinitrophenol	ND		21	330
2,4-Dinitrotoluene	ND		17	200
2,6-Dinitrotoluene	ND		21	200
Di-n-octyl phthalate	ND		7.9	70
Fluoranthene	ND		0.55	6.7
Fluorene	ND		0.53	6.7
Hexachlorobenzene	ND		2.1	6.7
Hexachlorobutadiene	ND		5.6	50
Hexachlorocyclopentadiene	ND		8.1	330
Hexachloroethane	ND		9.0	50
Indeno[1,2,3-cd]pyrene	ND		0.35	6.7
Isophorone	ND		13	50
2-Methylnaphthalene	ND		0.50	6.7
2-Methylphenol	ND		11	200
3 & 4 Methylphenol	ND		20	400

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106130

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-106130/19-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1303	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	ND		0.82	6.7
2-Nitroaniline	ND		9.1	200
3-Nitroaniline	ND		16	200
4-Nitroaniline	ND		26	200
Nitrobenzene	ND		2.2	100
2-Nitrophenol	ND		8.3	50
4-Nitrophenol	ND		17	330
N-Nitrosodi-n-propylamine	ND		6.3	50
N-Nitrosodiphenylamine	ND		21	50
Pentachlorophenol	ND		9.1	150
Phenanthrene	ND		0.73	6.7
Phenol	ND		7.3	50
Pyrene	ND		0.44	6.7
2,4,5-Trichlorophenol	ND		25	150
2,4,6-Trichlorophenol	ND		8.9	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	73	24 - 110
2-Fluorophenol (Surr)	61	24 - 110
Nitrobenzene-d5 (Surr)	69	20 - 110
Phenol-d5 (Surr)	68	26 - 110
Terphenyl-d14 (Surr)	91	36 - 110
2,4,6-Tribromophenol (Surr)	41	10 - 110

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-106130

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-106130/20-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1327	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	519	78	38 - 110	
Acenaphthylene	667	487	73	40 - 110	
Acetophenone	667	461	69	40 - 110	
Anthracene	667	565	85	48 - 110	
Benzo[a]anthracene	667	533	80	50 - 110	
Benzo[a]pyrene	667	543	82	44 - 110	
Benzo[b]fluoranthene	667	569	85	43 - 110	
Benzo[g,h,i]perylene	667	583	87	51 - 110	
Benzo[k]fluoranthene	667	585	88	38 - 105	
Bis(2-chloroethoxy)methane	667	506	76	32 - 110	
Bis(2-chloroethyl)ether	667	475	71	34 - 110	
bis (2-chloroisopropyl) ether	667	501	75	29 - 110	
Bis(2-ethylhexyl) phthalate	667	542	81	50 - 110	
4-Bromophenyl phenyl ether	667	555	83	39 - 110	
Butyl benzyl phthalate	667	536	80	51 - 110	
Carbazole	667	629	94	50 - 110	
4-Chloroaniline	667	426	64	30 - 110	
4-Chloro-3-methylphenol	667	538	81	48 - 110	
2-Chlorophenol	667	503	75	37 - 110	
4-Chlorophenyl phenyl ether	667	545	82	40 - 110	
Chrysene	667	536	80	50 - 110	
Dibenz(a,h)anthracene	667	593	89	51 - 110	
Dibenzofuran	667	532	80	43 - 110	
3,3'-Dichlorobenzidine	1330	1050	79	28 - 110	
2,4-Dichlorophenol	667	493	74	39 - 110	
Diethyl phthalate	667	546	82	52 - 110	
2,4-Dimethylphenol	667	448	67	29 - 110	
Dimethyl phthalate	667	533	80	50 - 110	
Di-n-butyl phthalate	667	632	95	51 - 110	
4,6-Dinitro-2-methylphenol	1330	718	54	10 - 110	
2,4-Dinitrophenol	1330	552	41	10 - 110	
2,4-Dinitrotoluene	667	541	81	48 - 110	
2,6-Dinitrotoluene	667	559	84	45 - 110	
Di-n-octyl phthalate	667	547	82	48 - 110	
Fluoranthene	667	576	86	51 - 110	
Fluorene	667	526	79	46 - 110	
Hexachlorobenzene	667	536	80	43 - 110	
Hexachlorobutadiene	667	479	72	29 - 110	
Hexachlorocyclopentadiene	667	389	58	12 - 110	
Hexachloroethane	667	470	70	30 - 110	
Indeno[1,2,3-cd]pyrene	667	581	87	50 - 110	

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-106130

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-106130/20-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1327	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	667	464	70	36 - 110	
2-Methylnaphthalene	667	502	75	36 - 110	
2-Methylphenol	667	501	75	41 - 110	
3 & 4 Methylphenol	667	519	78	40 - 110	
Naphthalene	667	483	72	36 - 110	
2-Nitroaniline	667	555	83	45 - 110	
3-Nitroaniline	667	530	79	44 - 110	
4-Nitroaniline	667	586	88	48 - 110	
Nitrobenzene	667	501	75	32 - 110	
2-Nitrophenol	667	471	71	34 - 110	
4-Nitrophenol	1330	1100	83	28 - 110	
N-Nitrosodi-n-propylamine	667	489	73	38 - 110	
N-Nitrosodiphenylamine	1330	1120	84	46 - 110	
Pentachlorophenol	1330	924	69	10 - 110	
Phenanthrene	667	538	81	49 - 110	
Phenol	667	524	79	38 - 110	
Pyrene	667	525	79	49 - 110	
2,4,5-Trichlorophenol	667	546	82	25 - 110	
2,4,6-Trichlorophenol	667	524	79	12 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	79	24 - 110
2-Fluorophenol (Surr)	77	24 - 110
Nitrobenzene-d5 (Surr)	75	20 - 110
Phenol-d5 (Surr)	80	26 - 110
Terphenyl-d14 (Surr)	100	36 - 110
2,4,6-Tribromophenol (Surr)	85	10 - 110

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106122

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-106122/14-A	Analysis Batch:	240-107032	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-106122	Lab File ID:	P9102459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/25/2013 0708	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0837			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	41 - 157
Tetrachloro-m-xylene	105	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106122

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-106122/14-A	Analysis Batch:	240-107032	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-106122	Lab File ID:	P9102459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/25/2013 0708	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0837			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	65	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-106122

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-106122/15-A	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-106122	Lab File ID:	P3102911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/29/2013 0642	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0837			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	ND	3	40 - 145	*
alpha-BHC	33.3	0.747	2	50 - 153	J *
alpha-Chlordane	33.3	ND	3	42 - 150	*
beta-BHC	33.3	ND	3	43 - 153	*
4,4'-DDD	33.3	0.973	3	53 - 160	J *
4,4'-DDE	33.3	0.936	3	46 - 143	J *
4,4'-DDT	33.3	1.23	4	40 - 157	J *
delta-BHC	33.3	ND	2	54 - 152	*
Dieldrin	33.3	0.905	3	51 - 154	J *
Endosulfan I	33.3	0.735	2	40 - 148	J *
Endosulfan II	33.3	0.973	3	42 - 137	J *
Endosulfan sulfate	33.3	1.07	3	50 - 153	J *
Endrin	33.3	0.989	3	55 - 147	J *
Endrin aldehyde	33.3	1.15	3	43 - 158	J *
Endrin ketone	33.3	1.01	3	41 - 142	J *
gamma-BHC (Lindane)	33.3	0.904	3	44 - 160	J *
gamma-Chlordane	33.3	ND	0	47 - 156	*
Heptachlor	33.3	ND	2	47 - 137	*
Heptachlor epoxide	33.3	0.877	3	53 - 153	J *
Methoxychlor	33.3	1.94	6	40 - 152	J *

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	153	X	40 - 149

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	23	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-108059 **Method: 8081B**
Preparation: 3540C

Lab Sample ID:	MB 240-108059/14-A	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-108059	Lab File ID:	P3110557.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/05/2013 2102	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/01/2013 0957			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	68	41 - 157
Tetrachloro-m-xylene	91	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	141	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Lab Control Sample - Batch: 240-108059

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-108059/15-A	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-108059	Lab File ID:	P3110545.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/05/2013 1653	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/01/2013 0957			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	24.6	74	40 - 145	
alpha-BHC	33.3	32.2	97	50 - 153	
alpha-Chlordane	33.3	30.7	92	42 - 150	
beta-BHC	33.3	31.5	94	43 - 153	
4,4'-DDD	33.3	45.4	136	53 - 160	
4,4'-DDE	33.3	30.0	90	46 - 143	
4,4'-DDT	33.3	42.4	127	40 - 157	
delta-BHC	33.3	34.1	102	54 - 152	
Dieldrin	33.3	31.7	95	51 - 154	
Endosulfan I	33.3	21.3	64	40 - 148	
Endosulfan II	33.3	25.1	75	42 - 137	
Endosulfan sulfate	33.3	35.3	106	50 - 153	
Endrin	33.3	36.0	108	55 - 147	
Endrin aldehyde	33.3	34.9	105	43 - 158	
Endrin ketone	33.3	33.6	101	41 - 142	
gamma-BHC (Lindane)	33.3	34.4	103	44 - 160	
gamma-Chlordane	33.3	32.8	99	47 - 156	
Heptachlor	33.3	37.1	111	47 - 137	
Heptachlor epoxide	33.3	33.6	101	53 - 153	
Methoxychlor	33.3	39.7	119	40 - 152	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	41 - 157
Tetrachloro-m-xylene	99	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	41 - 157
Tetrachloro-m-xylene	97	40 - 149

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-108338 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108338/3	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110503.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/05/2013 0028	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-108338

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-108338/3	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110503.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/05/2013 0028	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-110159

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-110320 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110320/7	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111807.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/18/2013 1544	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-110320 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110320/7	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111807.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/18/2013 1544	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106117

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-106117/14-A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-106117	Lab File ID:	P1000020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 0644	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0832			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	71	14 - 163
Tetrachloro-m-xylene	74	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	14 - 163
Tetrachloro-m-xylene	88	29 - 151

Lab Control Sample - Batch: 240-106117

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-106117/15-A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-106117	Lab File ID:	P1000026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 0815	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0832			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	251	75	62 - 120	
Aroclor-1260	333	249	75	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	14 - 163
Tetrachloro-m-xylene	124	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	14 - 163
Tetrachloro-m-xylene	87	29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106117

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-30301-4	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-106117	Lab File ID:	P1000023.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	30.50 g
Analysis Date:	10/22/2013 0729			Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0832			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-30301-4	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-106117	Lab File ID:	P1000024.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	29.58 g
Analysis Date:	10/22/2013 0745			Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0832			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	NC	NC	22 - 157	NC	30		
Aroclor-1260	-320	284	13 - 161	59	30	4	4 F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	0	X	14 - 163
Tetrachloro-m-xylene	0	X	0	X	29 - 151

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	0	X	14 - 163
Tetrachloro-m-xylene	0	X	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30301-1

Preparation / Extraction Blank - Batch: 240-106493

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-106493/2	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1000002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/22/2013 0211	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		63	99
Aroclor-1221	ND		48	99
Aroclor-1232	ND		42	99
Aroclor-1242	ND		39	99
Aroclor-1248	ND		51	99
Aroclor-1254	ND		51	99
Aroclor-1260	ND		51	99
Aroclor-1262	ND		81	99
Aroclor-1268	ND		42	99

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106168

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 240-106168/1-A	Analysis Batch:	240-107816	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/30/2013 1201	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.146	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-106168

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCS 240-106168/2-A	Analysis Batch:	240-107816	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/30/2013 1205	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	189	94	80 - 120	
Barium	200	188	94	80 - 120	
Cadmium	5.00	4.78	96	80 - 120	
Chromium	20.0	19.0	95	80 - 120	
Lead	50.0	46.3	93	80 - 120	
Selenium	200	188	94	80 - 120	
Silver	5.00	4.79	96	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30301-1

Method Blank - Batch: 240-106191

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-106191/1-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1715	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-106191

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-106191/2-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1721	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.813	98	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30301-1

Duplicate - Batch: 240-106259

Method: Moisture
Preparation: N/A

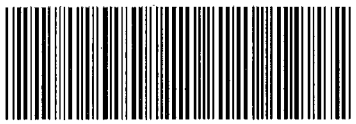
Lab Sample ID:	240-30301-2	Analysis Batch:	240-106259	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/18/2013 1716	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	82	82	1	20	
Percent Moisture	18	18	4	20	

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1.8

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. | Page 1 of 1

ENSAFE
EnSafe Inc.
800-588-7962

Project Name: CARRIER SUB-SLAB INVESTIGATION (TR-1) | PO No. 15641 | Project No. 14332 | Phase PH 02

Site Location: SYRACUSE, NY

Send Results To: SHANE GOODNIGHT

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone#: JOE MATTEWS 901-212-6408

Lab Name: TEST AMERICA | Turnaround Time(specify): 21 DAYS

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	(3)→ Total No. of Containers	VOC's	MEOH VOC's	DRY WEIGHT	RCRA METALS	SVOC's TOT. PCB PESTICIDES							PCB SCAN FOR HIGH CONTAMINATION	Extra Volume for MS/MSD	HOLD
	CARMW36S07	MW36	10/15/13	0810	SO	N	N	6	2	1	1	1	1									
	CARSSIPZ03S05	SSIPZ03	10/15/13	1037	SO	N	N	5	2	1	—	1	1									
	CARSSIPZ04S08	SSIPZ04	10/15/13	1420	SO	N	N	6	2	1	1	1	1							X		
	CARMW25S09	MW25	10/15/13	1640	SO	N	N	6	2	1	1	1	1							X		

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:
Samples Iced? (check) Yes ___ No ___
Method of Shipment: FedEx
Airbill No:
Date Shipped:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1		10/15/13	17:10	SYR.	10-15-13	17:10
2		10/15/13	19:00		10/16/13	0845
3		10/16/13	5:30		10-16-13	15:30

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

10-16-13 17:50 TA Canton 10/16/13 17:50

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 30301**
Canton Facility

Client EnSafe Site Name _____ Cooler unpacked by:

Cooler Received on 10/16/13 Opened on 10/17/13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C		
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form	
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C		
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. 1.8 °C	Corrected Cooler Temp. 1.8 °C		

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes (No)
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No (NA)
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC376062**
11. Were VOAs on the COC? Yes (No)
12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Derek D. Green

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

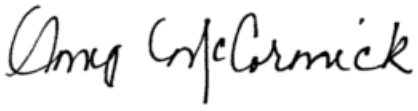
ANALYTICAL REPORT

Job Number: 240-30345-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/25/2013 10:46 AM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/25/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30345-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/17/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.4 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/17/2013 and analyzed on 10/25/2013 and 10/26/2013.

Methylene Chloride was detected in method blank MB 240-106758/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/18/2013 and analyzed on 10/23/2013.

Di-n-butyl phthalate was detected in method blank MB 240-106130/19-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/18/2013 and 11/01/2013 and analyzed on 11/05/2013, 11/09/2013, 11/16/2013 and 11/18/2013.

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. Sample CARMW26S09 (240-30345-2) contained an allowable number of surrogate compounds outside limits. These results have been reported and qualified.

Samples CARMW26S09 (240-30345-2) and CARMW27S09 (240-30345-1) were prepared outside of preparation holding time. These samples were prepared within hold time in batch 106122 but the laboratory control sample (LCS) did not meet QC criteria. Both sets of data have been reported.

Sample CARMW28S09 (240-30345-3) was prepared outside of preparation holding time. The sample was prepared in hold time in batch 106122 but the laboratory control sample (LCS) did not meet criteria. The LCS associated with the re-extract batch passed QC criteria; both sets of data have been reported.

Decachlorobiphenyl failed the surrogate recovery criteria low for LCS 240-106122/15-A. Tetrachloro-m-xylene failed the surrogate recovery criteria high.

Several analytes failed the recovery criteria low for LCS 240-106122/15-A.

The opening and closing continuing calibration verifications (CCVs) associated with batch 108338 recovered above the upper control limits. Samples CARMW26S09 (240-30345-2) and CARMW27S09 (240-30345-1) associated with these CCVs were non-detects for the affected analytes; therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 109089 recovered DDT and Methoxychlor above the upper control limits. Sample CARMW26S09 (240-30345-2) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109089 recovered DDT, Methoxychlor, delta-BHC, and Heptachlor above the upper control limits. Sample CARMW26S09 (240-30345-2) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 110320 recovered above the upper control limits. Sample CARMW28S09 (240-30345-3) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The grand mean exception, as outlined in EPA Method 8000B, was applied to the closing continuing calibration verification (CCV) standard associated with batch 110159 for the following compound: delta-BHC. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the initial calibration (ICAL) may be used for quantitation if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 20%D. Samples associated with this CCVCARMW27S09 (240-30345-1), CARMW28S09 (240-30345-3) were non-detect for the affected analyte; therefore the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/18/2013 and analyzed on 10/22/2013.

Sample CARMW28S09 (240-30345-3)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/18/2013 and analyzed on 10/30/2013.

Barium was detected in method blank MB 240-106168/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL

and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/18/2013 and analyzed on 10/24/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples CARMW27S09 (240-30345-1), CARMW26S09 (240-30345-2) and CARMW28S09 (240-30345-3) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/18/2013.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30345-1	**CARMW27S09**					
Acetone		20		20	ug/Kg	8260C
2-Butanone (MEK)		2.8	J	20	ug/Kg	8260C
1,1-Dichloroethane		14		5.0	ug/Kg	8260C
Methylene Chloride		3.9	J B	5.0	ug/Kg	8260C
trans-1,2-Dichloroethene		0.71	J	5.0	ug/Kg	8260C
Vinyl chloride		0.81	J	5.0	ug/Kg	8260C
Acenaphthene		26		8.3	ug/Kg	8270D
Acenaphthylene		4.8	J	8.3	ug/Kg	8270D
Anthracene		21		8.3	ug/Kg	8270D
Benzo[a]pyrene		51		8.3	ug/Kg	8270D
Benzo[b]fluoranthene		71		8.3	ug/Kg	8270D
Benzo[k]fluoranthene		30		8.3	ug/Kg	8270D
Dibenzofuran		17	J	62	ug/Kg	8270D
Di-n-butyl phthalate		100	B	87	ug/Kg	8270D
Fluoranthene		120		8.3	ug/Kg	8270D
Fluorene		26		8.3	ug/Kg	8270D
2-Methylnaphthalene		5.2	J	8.3	ug/Kg	8270D
Phenanthrene		24		8.3	ug/Kg	8270D
Pyrene		200		8.3	ug/Kg	8270D
Arsenic		8.7		1.6	mg/Kg	6010C
Barium		120	B	22	mg/Kg	6010C
Cadmium		0.069	J	0.54	mg/Kg	6010C
Chromium		18		1.1	mg/Kg	6010C
Lead		8.7		1.1	mg/Kg	6010C
Mercury		0.031	J	0.13	mg/Kg	7471B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30345-2	**CARMW26S09**					
Acetone		24		20	ug/Kg	8260C
2-Butanone (MEK)		3.0	J	20	ug/Kg	8260C
cis-1,2-Dichloroethene		0.72	J	5.0	ug/Kg	8260C
Methylene Chloride		7.4	B	5.0	ug/Kg	8260C
Tetrachloroethene		0.90	J	5.0	ug/Kg	8260C
trans-1,2-Dichloroethene		1.7	J	5.0	ug/Kg	8260C
Trichloroethene		0.47	J	5.0	ug/Kg	8260C
Acenaphthene		25		8.2	ug/Kg	8270D
Anthracene		35		8.2	ug/Kg	8270D
Benzo[a]pyrene		52		8.2	ug/Kg	8270D
Benzo[b]fluoranthene		63		8.2	ug/Kg	8270D
Bis(2-chloroethyl)ether		11	J	120	ug/Kg	8270D
Dibenzofuran		27	J	62	ug/Kg	8270D
Di-n-butyl phthalate		120	B	86	ug/Kg	8270D
Fluoranthene		200		8.2	ug/Kg	8270D
Fluorene		57		8.2	ug/Kg	8270D
2-Methylnaphthalene		8.7		8.2	ug/Kg	8270D
Phenanthrene		19		8.2	ug/Kg	8270D
Pyrene		220		8.2	ug/Kg	8270D
Arsenic		7.9		1.7	mg/Kg	6010C
Barium		120	B	23	mg/Kg	6010C
Cadmium		0.11	J	0.57	mg/Kg	6010C
Chromium		14		1.1	mg/Kg	6010C
Lead		6.8		1.1	mg/Kg	6010C
Mercury		0.026	J	0.13	mg/Kg	7471B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30345-3	**CARMW28S09**					
Acetone		160		20	ug/Kg	8260C
Chlorobenzene		1.9	J	5.0	ug/Kg	8260C
cis-1,2-Dichloroethene		6.6		5.0	ug/Kg	8260C
1,2-Dichlorobenzene		4.6	J	5.0	ug/Kg	8260C
1,3-Dichlorobenzene		14		5.0	ug/Kg	8260C
1,4-Dichlorobenzene		67		5.0	ug/Kg	8260C
1,1-Dichloroethane		18		5.0	ug/Kg	8260C
Methylene Chloride		3.1	J	5.0	ug/Kg	8260C
4-Methyl-2-pentanone (MIBK)		5.5	J	20	ug/Kg	8260C
Toluene		1.8	J	5.0	ug/Kg	8260C
trans-1,2-Dichloroethene		0.90	J	5.0	ug/Kg	8260C
1,2,4-Trichlorobenzene		22		5.0	ug/Kg	8260C
1,1,1-Trichloroethane		1.1	J	5.0	ug/Kg	8260C
Vinyl chloride		2.2	J	5.0	ug/Kg	8260C
Anthracene		8.1		8.1	ug/Kg	8270D
Benzo[b]fluoranthene		14		8.1	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		250		85	ug/Kg	8270D
Dibenzofuran		8.6	J	61	ug/Kg	8270D
Di-n-butyl phthalate		74	J B	85	ug/Kg	8270D
Fluoranthene		52		8.1	ug/Kg	8270D
Fluorene		8.6		8.1	ug/Kg	8270D
2-Methylnaphthalene		8.1		8.1	ug/Kg	8270D
Naphthalene		10		8.1	ug/Kg	8270D
Phenanthrene		40		8.1	ug/Kg	8270D
Phenol		17	J	61	ug/Kg	8270D
Pyrene		40		8.1	ug/Kg	8270D
Aroclor-1260		350		200	ug/Kg	8082A
Arsenic		3.9		1.4	mg/Kg	6010C
Barium		69	B	18	mg/Kg	6010C
Cadmium		0.080	J	0.46	mg/Kg	6010C
Chromium		11		0.92	mg/Kg	6010C
Lead		4.8		0.92	mg/Kg	6010C
Mercury		0.024	J	0.11	mg/Kg	7471B
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30345-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30345-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8270D	Gruber, John	JMG
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Bosworth, Heather M	HMB
SW846 6010C	Counts, Karen	KLC
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Burns, Jill	JMB

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30345-1	CARMW27S09	Solid	10/16/2013 0900	10/17/2013 0930
240-30345-2	CARMW26S09	Solid	10/16/2013 0931	10/17/2013 0930
240-30345-3	CARMW28S09	Solid	10/16/2013 1026	10/17/2013 0930

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88261.D
Dilution:	1.0			Initial Weight/Volume:	6.149 g
Analysis Date:	10/25/2013 0539			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		20		6.3	20
Benzene		ND		0.23	5.0
Bromoform		ND		0.33	5.0
Bromomethane		ND		0.54	5.0
2-Butanone (MEK)		2.8	J	1.4	20
Carbon disulfide		ND		0.44	5.0
Carbon tetrachloride		ND		0.37	5.0
Chlorobenzene		ND		0.33	5.0
Chlorodibromomethane		ND		0.55	5.0
Chloroethane		ND		0.86	5.0
Chloroform		ND		0.29	5.0
Chloromethane		ND		0.41	5.0
cis-1,2-Dichloroethene		ND		0.36	5.0
cis-1,3-Dichloropropene		ND		0.34	5.0
1,2-Dibromo-3-Chloropropane		ND		1.3	10
1,2-Dichlorobenzene		ND		0.36	5.0
1,3-Dichlorobenzene		ND		0.35	5.0
1,4-Dichlorobenzene		ND		0.66	5.0
Dichlorobromomethane		ND		0.28	5.0
Dichlorodifluoromethane		ND		0.50	5.0
1,1-Dichloroethane		14		0.36	5.0
1,2-Dichloroethane		ND		0.34	5.0
1,1-Dichloroethene		ND		0.52	5.0
1,2-Dichloropropane		ND		0.69	5.0
Ethylbenzene		ND		0.26	5.0
Ethylene Dibromide		ND		0.50	5.0
2-Hexanone		ND		0.63	20
Isopropylbenzene		ND		0.16	5.0
Methylene Chloride		3.9	J B	0.67	5.0
4-Methyl-2-pentanone (MIBK)		ND		0.54	20
Methyl tert-butyl ether		ND		0.43	5.0
Styrene		ND		0.15	5.0
1,1,2,2-Tetrachloroethane		ND		0.34	5.0
Tetrachloroethene		ND		0.52	5.0
Toluene		ND		0.27	5.0
trans-1,2-Dichloroethene		0.71	J	0.41	5.0
trans-1,3-Dichloropropene		ND		0.54	5.0
1,2,4-Trichlorobenzene		ND		0.27	5.0
1,1,1-Trichloroethane		ND		0.56	5.0
1,1,2-Trichloroethane		ND		0.39	5.0
Trichloroethene		ND		0.42	5.0
Trichlorofluoromethane		ND		0.34	5.0
Vinyl chloride		0.81	J	0.39	5.0
Xylenes, Total		ND		0.35	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88261.D
Dilution:	1.0			Initial Weight/Volume:	6.149 g
Analysis Date:	10/25/2013 0539			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		52 - 136
Dibromofluoromethane (Surr)	91		37 - 132
1,2-Dichloroethane-d4 (Surr)	97		58 - 123
Toluene-d8 (Surr)	89		67 - 125

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88261.D
Dilution:	1.0			Initial Weight/Volume:	6.149 g
Analysis Date:	10/25/2013 0539			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88262.D
Dilution:	1.0			Initial Weight/Volume:	6.228 g
Analysis Date:	10/25/2013 0601			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		24		6.3	20
Benzene		ND		0.23	5.0
Bromoform		ND		0.33	5.0
Bromomethane		ND		0.54	5.0
2-Butanone (MEK)		3.0	J	1.4	20
Carbon disulfide		ND		0.44	5.0
Carbon tetrachloride		ND		0.37	5.0
Chlorobenzene		ND		0.33	5.0
Chlorodibromomethane		ND		0.55	5.0
Chloroethane		ND		0.86	5.0
Chloroform		ND		0.29	5.0
Chloromethane		ND		0.41	5.0
cis-1,2-Dichloroethene		0.72	J	0.36	5.0
cis-1,3-Dichloropropene		ND		0.34	5.0
1,2-Dibromo-3-Chloropropane		ND		1.3	10
1,2-Dichlorobenzene		ND		0.36	5.0
1,3-Dichlorobenzene		ND		0.35	5.0
1,4-Dichlorobenzene		ND		0.66	5.0
Dichlorobromomethane		ND		0.28	5.0
Dichlorodifluoromethane		ND		0.50	5.0
1,1-Dichloroethane		ND		0.36	5.0
1,2-Dichloroethane		ND		0.34	5.0
1,1-Dichloroethene		ND		0.52	5.0
1,2-Dichloropropane		ND		0.69	5.0
Ethylbenzene		ND		0.26	5.0
Ethylene Dibromide		ND		0.50	5.0
2-Hexanone		ND		0.63	20
Isopropylbenzene		ND		0.16	5.0
Methylene Chloride		7.4	B	0.67	5.0
4-Methyl-2-pentanone (MIBK)		ND		0.54	20
Methyl tert-butyl ether		ND		0.43	5.0
Styrene		ND		0.15	5.0
1,1,2,2-Tetrachloroethane		ND		0.34	5.0
Tetrachloroethene		0.90	J	0.52	5.0
Toluene		ND		0.27	5.0
trans-1,2-Dichloroethene		1.7	J	0.41	5.0
trans-1,3-Dichloropropene		ND		0.54	5.0
1,2,4-Trichlorobenzene		ND		0.27	5.0
1,1,1-Trichloroethane		ND		0.56	5.0
1,1,2-Trichloroethane		ND		0.39	5.0
Trichloroethene		0.47	J	0.42	5.0
Trichlorofluoromethane		ND		0.34	5.0
Vinyl chloride		ND		0.39	5.0
Xylenes, Total		ND		0.35	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88262.D
Dilution:	1.0			Initial Weight/Volume:	6.228 g
Analysis Date:	10/25/2013 0601			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		52 - 136
Dibromofluoromethane (Surr)	89		37 - 132
1,2-Dichloroethane-d4 (Surr)	95		58 - 123
Toluene-d8 (Surr)	88		67 - 125

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88262.D
Dilution:	1.0			Initial Weight/Volume:	6.228 g
Analysis Date:	10/25/2013 0601			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	9.17	27	T J N
1795-15-9	Cyclohexane, octyl-	9.76	9.6	T J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	10.25	10	T J N
1120-21-4	Undecane	10.33	20	T J N
1599-67-3	1-Docosene	10.53	9.7	T J N
1000152-47-3	trans-Decalin, 2-methyl-	11.09	11	T J N
112-40-3	Dodecane	11.41	9.5	T J N
536-60-7	Benzenemethanol, 4-(1-methylethyl)-	11.63	11	T J N
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	11.96	12	T J N
62108-25-2	Decane, 2,6,7-trimethyl-	12.16	18	T J N

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88293.D
Dilution:	1.0			Initial Weight/Volume:	6.151 g
Analysis Date:	10/26/2013 0401			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		160		6.2	20
Benzene		ND		0.23	5.0
Bromoform		ND		0.33	5.0
Bromomethane		ND		0.54	5.0
2-Butanone (MEK)		ND		1.4	20
Carbon disulfide		ND		0.44	5.0
Carbon tetrachloride		ND		0.37	5.0
Chlorobenzene		1.9	J	0.33	5.0
Chlorodibromomethane		ND		0.55	5.0
Chloroethane		ND		0.85	5.0
Chloroform		ND		0.29	5.0
Chloromethane		ND		0.41	5.0
cis-1,2-Dichloroethene		6.6		0.36	5.0
cis-1,3-Dichloropropene		ND		0.34	5.0
1,2-Dibromo-3-Chloropropane		ND		1.3	9.9
1,2-Dichlorobenzene		4.6	J	0.36	5.0
1,3-Dichlorobenzene		14		0.35	5.0
1,4-Dichlorobenzene		67		0.65	5.0
Dichlorobromomethane		ND		0.28	5.0
Dichlorodifluoromethane		ND		0.50	5.0
1,1-Dichloroethane		18		0.36	5.0
1,2-Dichloroethane		ND		0.34	5.0
1,1-Dichloroethene		ND		0.52	5.0
1,2-Dichloropropane		ND		0.68	5.0
Ethylbenzene		ND		0.26	5.0
Ethylene Dibromide		ND		0.50	5.0
2-Hexanone		ND		0.62	20
Isopropylbenzene		ND		0.16	5.0
Methylene Chloride		3.1	J	0.66	5.0
4-Methyl-2-pentanone (MIBK)		5.5	J	0.54	20
Methyl tert-butyl ether		ND		0.43	5.0
Styrene		ND		0.15	5.0
1,1,2,2-Tetrachloroethane		ND		0.34	5.0
Tetrachloroethene		ND		0.52	5.0
Toluene		1.8	J	0.27	5.0
trans-1,2-Dichloroethene		0.90	J	0.41	5.0
trans-1,3-Dichloropropene		ND		0.54	5.0
1,2,4-Trichlorobenzene		22		0.27	5.0
1,1,1-Trichloroethane		1.1	J	0.56	5.0
1,1,2-Trichloroethane		ND		0.39	5.0
Trichloroethene		ND		0.42	5.0
Trichlorofluoromethane		ND		0.34	5.0
Vinyl chloride		2.2	J	0.39	5.0
Xylenes, Total		ND		0.35	9.9

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88293.D
Dilution:	1.0			Initial Weight/Volume:	6.151 g
Analysis Date:	10/26/2013 0401			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		52 - 136
Dibromofluoromethane (Surr)	90		37 - 132
1,2-Dichloroethane-d4 (Surr)	93		58 - 123
Toluene-d8 (Surr)	86		67 - 125

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-106085	Lab File ID:	UX88293.D
Dilution:	1.0			Initial Weight/Volume:	6.151 g
Analysis Date:	10/26/2013 0401			Final Weight/Volume:	5 mL
Prep Date:	10/17/2013 1940				

Tentatively Identified Compounds **Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
594-56-9	1-Butene, 2,3,3-trimethyl-	4.14	20	T J N
590-50-1	2-Pentanone, 4,4-dimethyl-	6.86	32	T J N
18641-70-8	3-Hexanone, 2,4-dimethyl-	8.14	330	T J N

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023010.D
Dilution:	1.0			Initial Weight/Volume:	29.99 g
Analysis Date:	10/23/2013 1438			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		26		0.94	8.3
Acenaphthylene		4.8	J	0.43	8.3
Acetophenone		ND		11	120
Anthracene		21		0.96	8.3
Benzo[a]anthracene		ND		0.78	8.3
Benzo[a]pyrene		51		0.79	8.3
Benzo[b]fluoranthene		71		0.73	8.3
Benzo[g,h,i]perylene		ND		0.43	8.3
Benzo[k]fluoranthene		30		0.84	8.3
Bis(2-chloroethoxy)methane		ND		27	120
Bis(2-chloroethyl)ether		ND		2.5	120
bis (2-chloroisopropyl) ether		ND		12	120
Bis(2-ethylhexyl) phthalate		ND		24	87
4-Bromophenyl phenyl ether		ND		16	62
Butyl benzyl phthalate		ND		12	87
Carbazole		ND		33	62
4-Chloroaniline		ND		21	190
4-Chloro-3-methylphenol		ND		26	190
2-Chlorophenol		ND		10	62
4-Chlorophenyl phenyl ether		ND		16	62
Chrysene		ND		1.4	8.3
Dibenz(a,h)anthracene		ND		0.82	8.3
Dibenzofuran		17	J	0.82	62
3,3'-Dichlorobenzidine		ND		22	120
2,4-Dichlorophenol		ND		25	190
Diethyl phthalate		ND		20	87
2,4-Dimethylphenol		ND		25	190
Dimethyl phthalate		ND		21	87
Di-n-butyl phthalate		100	B	19	87
4,6-Dinitro-2-methylphenol		ND		11	190
2,4-Dinitrophenol		ND		26	410
2,4-Dinitrotoluene		ND		21	250
2,6-Dinitrotoluene		ND		26	250
Di-n-octyl phthalate		ND		9.8	87
Fluoranthene		120		0.68	8.3
Fluorene		26		0.66	8.3
Hexachlorobenzene		ND		2.6	8.3
Hexachlorobutadiene		ND		6.9	62
Hexachlorocyclopentadiene		ND		10	410
Hexachloroethane		ND		11	62
Indeno[1,2,3-cd]pyrene		ND		0.43	8.3
Isophorone		ND		16	62
2-Methylnaphthalene		5.2	J	0.62	8.3
2-Methylphenol		ND		14	250
3 & 4 Methylphenol		ND		25	490
Naphthalene		ND		1.0	8.3

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023010.D
Dilution:	1.0			Initial Weight/Volume:	29.99 g
Analysis Date:	10/23/2013 1438			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		32	250
Nitrobenzene		ND		2.7	120
2-Nitrophenol		ND		10	62
4-Nitrophenol		ND		21	410
N-Nitrosodi-n-propylamine		ND		7.8	62
N-Nitrosodiphenylamine		ND		26	62
Pentachlorophenol		ND		11	190
Phenanthrene		24		0.90	8.3
Phenol		ND		9.0	62
Pyrene		200		0.54	8.3
2,4,5-Trichlorophenol		ND		31	190
2,4,6-Trichlorophenol		ND		11	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	77		24 - 110
2-Fluorophenol (Surr)	68		24 - 110
Nitrobenzene-d5 (Surr)	69		20 - 110
Phenol-d5 (Surr)	68		26 - 110
Terphenyl-d14 (Surr)	94		36 - 110
2,4,6-Tribromophenol (Surr)	72		10 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023013.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Analysis Date:	10/23/2013 1549			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		25		0.94	8.2
Acenaphthylene		ND		0.43	8.2
Acetophenone		ND		11	120
Anthracene		35		0.96	8.2
Benzo[a]anthracene		ND		0.78	8.2
Benzo[a]pyrene		52		0.79	8.2
Benzo[b]fluoranthene		63		0.73	8.2
Benzo[g,h,i]perylene		ND		0.43	8.2
Benzo[k]fluoranthene		ND		0.84	8.2
Bis(2-chloroethoxy)methane		ND		27	120
Bis(2-chloroethyl)ether		11	J	2.5	120
bis (2-chloroisopropyl) ether		ND		12	120
Bis(2-ethylhexyl) phthalate		ND		23	86
4-Bromophenyl phenyl ether		ND		16	62
Butyl benzyl phthalate		ND		12	86
Carbazole		ND		33	62
4-Chloroaniline		ND		21	190
4-Chloro-3-methylphenol		ND		26	190
2-Chlorophenol		ND		10	62
4-Chlorophenyl phenyl ether		ND		16	62
Chrysene		ND		1.4	8.2
Dibenz(a,h)anthracene		ND		0.81	8.2
Dibenzofuran		27	J	0.81	62
3,3'-Dichlorobenzidine		ND		22	120
2,4-Dichlorophenol		ND		25	190
Diethyl phthalate		ND		20	86
2,4-Dimethylphenol		ND		25	190
Dimethyl phthalate		ND		21	86
Di-n-butyl phthalate		120	B	19	86
4,6-Dinitro-2-methylphenol		ND		11	190
2,4-Dinitrophenol		ND		26	410
2,4-Dinitrotoluene		ND		21	250
2,6-Dinitrotoluene		ND		26	250
Di-n-octyl phthalate		ND		9.7	86
Fluoranthene		200		0.68	8.2
Fluorene		57		0.65	8.2
Hexachlorobenzene		ND		2.6	8.2
Hexachlorobutadiene		ND		6.9	62
Hexachlorocyclopentadiene		ND		10	410
Hexachloroethane		ND		11	62
Indeno[1,2,3-cd]pyrene		ND		0.43	8.2
Isophorone		ND		16	62
2-Methylnaphthalene		8.7		0.62	8.2
2-Methylphenol		ND		14	250
3 & 4 Methylphenol		ND		25	490
Naphthalene		ND		1.0	8.2

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023013.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Analysis Date:	10/23/2013 1549			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	250
3-Nitroaniline		ND		20	250
4-Nitroaniline		ND		32	250
Nitrobenzene		ND		2.7	120
2-Nitrophenol		ND		10	62
4-Nitrophenol		ND		21	410
N-Nitrosodi-n-propylamine		ND		7.8	62
N-Nitrosodiphenylamine		ND		26	62
Pentachlorophenol		ND		11	190
Phenanthrene		19		0.90	8.2
Phenol		ND		9.0	62
Pyrene		220		0.54	8.2
2,4,5-Trichlorophenol		ND		31	190
2,4,6-Trichlorophenol		ND		11	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	75		24 - 110
2-Fluorophenol (Surr)	62		24 - 110
Nitrobenzene-d5 (Surr)	61		20 - 110
Phenol-d5 (Surr)	67		26 - 110
Terphenyl-d14 (Surr)	90		36 - 110
2,4,6-Tribromophenol (Surr)	76		10 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023014.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Analysis Date:	10/23/2013 1613			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		ND		0.92	8.1
Acenaphthylene		ND		0.43	8.1
Acetophenone		ND		11	120
Anthracene		8.1		0.95	8.1
Benzo[a]anthracene		ND		0.77	8.1
Benzo[a]pyrene		ND		0.78	8.1
Benzo[b]fluoranthene		14		0.72	8.1
Benzo[g,h,i]perylene		ND		0.43	8.1
Benzo[k]fluoranthene		ND		0.83	8.1
Bis(2-chloroethoxy)methane		ND		27	120
Bis(2-chloroethyl)ether		ND		2.4	120
bis (2-chloroisopropyl) ether		ND		12	120
Bis(2-ethylhexyl) phthalate		250		23	85
4-Bromophenyl phenyl ether		ND		16	61
Butyl benzyl phthalate		ND		12	85
Carbazole		ND		33	61
4-Chloroaniline		ND		21	180
4-Chloro-3-methylphenol		ND		26	180
2-Chlorophenol		ND		10	61
4-Chlorophenyl phenyl ether		ND		16	61
Chrysene		ND		1.3	8.1
Dibenz(a,h)anthracene		ND		0.80	8.1
Dibenzofuran		8.6	J	0.80	61
3,3'-Dichlorobenzidine		ND		22	120
2,4-Dichlorophenol		ND		24	180
Diethyl phthalate		ND		19	85
2,4-Dimethylphenol		ND		24	180
Dimethyl phthalate		ND		21	85
Di-n-butyl phthalate		74	J B	18	85
4,6-Dinitro-2-methylphenol		ND		11	180
2,4-Dinitrophenol		ND		26	400
2,4-Dinitrotoluene		ND		21	240
2,6-Dinitrotoluene		ND		26	240
Di-n-octyl phthalate		ND		9.6	85
Fluoranthene		52		0.67	8.1
Fluorene		8.6		0.64	8.1
Hexachlorobenzene		ND		2.6	8.1
Hexachlorobutadiene		ND		6.8	61
Hexachlorocyclopentadiene		ND		9.8	400
Hexachloroethane		ND		11	61
Indeno[1,2,3-cd]pyrene		ND		0.43	8.1
Isophorone		ND		16	61
2-Methylnaphthalene		8.1		0.61	8.1
2-Methylphenol		ND		13	240
3 & 4 Methylphenol		ND		24	490
Naphthalene		10		1.0	8.1

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-106130	Lab File ID:	31023014.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Analysis Date:	10/23/2013 1613			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2-Nitroaniline		ND		11	240
3-Nitroaniline		ND		19	240
4-Nitroaniline		ND		32	240
Nitrobenzene		ND		2.7	120
2-Nitrophenol		ND		10	61
4-Nitrophenol		ND		21	400
N-Nitrosodi-n-propylamine		ND		7.7	61
N-Nitrosodiphenylamine		ND		26	61
Pentachlorophenol		ND		11	180
Phenanthrene		40		0.89	8.1
Phenol		17	J	8.9	61
Pyrene		40		0.53	8.1
2,4,5-Trichlorophenol		ND		30	180
2,4,6-Trichlorophenol		ND		11	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	68		24 - 110
2-Fluorophenol (Surr)	57		24 - 110
Nitrobenzene-d5 (Surr)	59		20 - 110
Phenol-d5 (Surr)	60		26 - 110
Terphenyl-d14 (Surr)	79		36 - 110
2,4,6-Tribromophenol (Surr)	62		10 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.94 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 2001	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	H	1.5	2.1
alpha-BHC		ND	H	0.90	2.1
alpha-Chlordane		ND	H	1.2	2.1
beta-BHC		ND	H	1.4	2.1
4,4'-DDD		ND	H	0.77	2.1
4,4'-DDE		ND	H	0.48	2.1
4,4'-DDT		ND	H	0.78	2.1
delta-BHC		ND	H	1.5	2.1
Dieldrin		ND	H	0.58	2.1
Endosulfan I		ND	H	0.64	2.1
Endosulfan II		ND	H	1.0	2.1
Endosulfan sulfate		ND	H	1.1	2.1
Endrin		ND	H	0.62	2.1
Endrin aldehyde		ND	H	1.2	2.1
Endrin ketone		ND	H	0.78	2.1
gamma-BHC (Lindane)		ND	H	0.92	2.1
gamma-Chlordane		ND	H	0.52	2.1
Heptachlor		ND	H	1.4	2.1
Heptachlor epoxide		ND	H	0.99	2.1
Methoxychlor		ND	H	1.9	4.1
Toxaphene		ND	H	24	83

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	46		41 - 157
Tetrachloro-m-xylene	74		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.94 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 2001	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		41 - 157
Tetrachloro-m-xylene	70		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	29.91 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/16/2013 1552			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	*	1.5	2.1
alpha-BHC		ND	*	0.91	2.1
alpha-Chlordane		ND	*	1.2	2.1
beta-BHC		2.2	*	1.4	2.1
4,4'-DDD		ND	*	0.77	2.1
4,4'-DDE		ND	*	0.48	2.1
4,4'-DDT		1.4	J *	0.78	2.1
delta-BHC		ND	*	1.5	2.1
Dieldrin		ND	*	0.58	2.1
Endosulfan I		ND	*	0.64	2.1
Endosulfan II		ND	*	1.0	2.1
Endosulfan sulfate		ND	*	1.1	2.1
Endrin		ND	*	0.62	2.1
Endrin aldehyde		ND	*	1.2	2.1
Endrin ketone		ND	*	0.78	2.1
gamma-BHC (Lindane)		ND	*	0.92	2.1
gamma-Chlordane		ND	*	0.52	2.1
Heptachlor		ND	*	1.4	2.1
Heptachlor epoxide		ND	*	0.99	2.1
Methoxychlor		ND	*	1.9	4.1
Toxaphene		ND		24	83

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		41 - 157
DCB Decachlorobiphenyl	76		41 - 157
Tetrachloro-m-xylene	157	X	40 - 149
Tetrachloro-m-xylene	86		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.69 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 2022	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	H	1.5	2.1
alpha-BHC		ND	H	0.91	2.1
alpha-Chlordane		ND	H	1.2	2.1
beta-BHC		ND	H	1.4	2.1
4,4'-DDD		ND	H	0.78	2.1
4,4'-DDE		ND	H	0.49	2.1
4,4'-DDT		ND	H	0.79	2.1
delta-BHC		ND	H	1.5	2.1
Dieldrin		ND	H	0.59	2.1
Endosulfan I		ND	H	0.65	2.1
Endosulfan II		ND	H	1.0	2.1
Endosulfan sulfate		ND	H	1.1	2.1
Endrin		ND	H	0.63	2.1
Endrin aldehyde		ND	H	1.3	2.1
Endrin ketone		ND	H	0.79	2.1
gamma-BHC (Lindane)		ND	H	0.93	2.1
gamma-Chlordane		ND	H	0.53	2.1
Heptachlor		ND	H	1.4	2.1
Heptachlor epoxide		ND	H	1.0	2.1
Methoxychlor		ND	H	1.9	4.1
Toxaphene		ND	H	24	84

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	23	X	41 - 157
Tetrachloro-m-xylene	50		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.69 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/05/2013 2022	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	31	X	41 - 157
Tetrachloro-m-xylene	43		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	29.56 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/09/2013 1853			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	*	1.5	2.1
alpha-BHC		ND	*	0.92	2.1
alpha-Chlordane		ND	*	1.2	2.1
beta-BHC		ND	*	1.4	2.1
4,4'-DDD		ND	*	0.78	2.1
4,4'-DDE		ND	*	0.49	2.1
4,4'-DDT		1.7	J *	0.79	2.1
delta-BHC		ND	*	1.5	2.1
Dieldrin		ND	*	0.59	2.1
Endosulfan I		ND	*	0.65	2.1
Endosulfan II		ND	*	1.0	2.1
Endosulfan sulfate		ND	*	1.1	2.1
Endrin		ND	*	0.63	2.1
Endrin aldehyde		ND	*	1.3	2.1
Endrin ketone		ND	*	0.79	2.1
gamma-BHC (Lindane)		ND	*	0.93	2.1
gamma-Chlordane		ND	*	0.53	2.1
Heptachlor		ND	*	1.4	2.1
Heptachlor epoxide		ND	*	1.0	2.1
Methoxychlor		ND	*	1.9	4.2
Toxaphene		ND		24	84

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	68		41 - 157
DCB Decachlorobiphenyl	87		41 - 157
Tetrachloro-m-xylene	69		40 - 149
Tetrachloro-m-xylene	76		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-106122	Initial Weight/Volume:	30.32 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/16/2013 1612			Injection Volume:	1 uL
Prep Date:	10/18/2013 0837			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	*	1.4	2.1
alpha-BHC		5.5	*	0.88	2.1
alpha-Chlordane		ND	*	1.1	2.1
beta-BHC		ND	*	1.3	2.1
4,4'-DDD		ND	*	0.75	2.1
4,4'-DDE		ND	*	0.47	2.1
4,4'-DDT		ND	*	0.76	2.1
delta-BHC		ND	*	1.4	2.1
Dieldrin		1.9	J *	0.57	2.1
Endosulfan I		ND	*	0.63	2.1
Endosulfan II		ND	*	0.99	2.1
Endosulfan sulfate		2.9	*	1.0	2.1
Endrin		ND	*	0.60	2.1
Endrin aldehyde		2.1	*	1.2	2.1
Endrin ketone		ND	*	0.76	2.1
gamma-BHC (Lindane)		ND	*	0.89	2.1
gamma-Chlordane		ND	*	0.51	2.1
Heptachlor		ND	*	1.3	2.1
Heptachlor epoxide		ND	*	0.97	2.1
Methoxychlor		6.0	*	1.8	4.0
Toxaphene		ND		23	81

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		41 - 157
DCB Decachlorobiphenyl	71		41 - 157
Tetrachloro-m-xylene	80		40 - 149
Tetrachloro-m-xylene	73		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.81 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2128	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND	H	1.5	2.1
alpha-BHC		ND	H	0.90	2.1
alpha-Chlordane		ND	H	1.2	2.1
beta-BHC		ND	H	1.3	2.1
4,4'-DDD		ND	H	0.76	2.1
4,4'-DDE		ND	H	0.48	2.1
4,4'-DDT		ND	H	0.77	2.1
delta-BHC		ND	H	1.5	2.1
Dieldrin		ND	H	0.58	2.1
Endosulfan I		ND	H	0.64	2.1
Endosulfan II		ND	H	1.0	2.1
Endosulfan sulfate		ND	H	1.1	2.1
Endrin		ND	H	0.61	2.1
Endrin aldehyde		ND	H	1.2	2.1
Endrin ketone		ND	H	0.77	2.1
gamma-BHC (Lindane)		ND	H	0.91	2.1
gamma-Chlordane		ND	H	0.52	2.1
Heptachlor		ND	H	1.3	2.1
Heptachlor epoxide		ND	H	0.98	2.1
Methoxychlor		ND	H	1.8	4.0
Toxaphene		ND	H	23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		41 - 157
Tetrachloro-m-xylene	113		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-108059	Initial Weight/Volume:	29.81 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2013 2128	Run Type:	RE	Injection Volume:	1 uL
Prep Date:	11/01/2013 0957			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		41 - 157
Tetrachloro-m-xylene	91		40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.91 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0427			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		26	41
Aroclor-1221		ND		20	41
Aroclor-1232		ND		17	41
Aroclor-1242		ND		16	41
Aroclor-1248		ND		21	41
Aroclor-1254		ND		21	41
Aroclor-1260		ND		21	41
Aroclor-1262		ND		33	41
Aroclor-1268		ND		17	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		14 - 163
Tetrachloro-m-xylene	69		29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.91 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0427			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	68		14 - 163
Tetrachloro-m-xylene	102		29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.56 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0442			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		26	42
Aroclor-1221		ND		20	42
Aroclor-1232		ND		18	42
Aroclor-1242		ND		16	42
Aroclor-1248		ND		21	42
Aroclor-1254		ND		21	42
Aroclor-1260		ND		21	42
Aroclor-1262		ND		34	42
Aroclor-1268		ND		18	42

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	51		14 - 163
Tetrachloro-m-xylene	62		29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	29.56 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0442			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	63		14 - 163
Tetrachloro-m-xylene	92		29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	30.32 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0458			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		130	200
Aroclor-1221		ND		97	200
Aroclor-1232		ND		84	200
Aroclor-1242		ND		78	200
Aroclor-1248		ND		100	200
Aroclor-1254		ND		100	200
Aroclor-1260		350		100	200
Aroclor-1262		ND		160	200
Aroclor-1268		ND		84	200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		14 - 163
Tetrachloro-m-xylene	70		29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-106117	Initial Weight/Volume:	30.32 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	10/22/2013 0458			Injection Volume:	1 uL
Prep Date:	10/18/2013 0832			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		14 - 163
Tetrachloro-m-xylene	129		29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900
Client Matrix: Solid % Moisture: 19.1 Date Received: 10/17/2013 0930

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	10/30/2013 1353			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		8.7		0.32	1.6
Barium		120	B	0.076	22
Cadmium		0.069	J	0.039	0.54
Chromium		18		0.22	1.1
Lead		8.7		0.20	1.1
Selenium		ND		0.48	2.2
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	10/24/2013 1804			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.031	J	0.019	0.13

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931
Client Matrix: Solid % Moisture: 19.4 Date Received: 10/17/2013 0930

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.09 g
Analysis Date:	10/30/2013 1357			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		7.9		0.34	1.7
Barium		120	B	0.081	23
Cadmium		0.11	J	0.041	0.57
Chromium		14		0.23	1.1
Lead		6.8		0.22	1.1
Selenium		ND		0.51	2.3
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.57 g
Analysis Date:	10/24/2013 1806			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.026	J	0.020	0.13

Client: EnSafe, Inc. Job Number: 240-30345-1

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026
Client Matrix: Solid % Moisture: 18.0 Date Received: 10/17/2013 0930

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-107816	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0			Initial Weight/Volume:	1.33 g
Analysis Date:	10/30/2013 1410			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.9		0.28	1.4
Barium		69	B	0.065	18
Cadmium		0.080	J	0.033	0.46
Chromium		11		0.18	0.92
Lead		4.8		0.17	0.92
Selenium		ND		0.41	1.8
Silver		ND		0.092	0.92

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-107033	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	10/24/2013 1808			Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	J	0.017	0.11

General Chemistry

Client Sample ID: **CARMW27S09**

Lab Sample ID: 240-30345-1 Date Sampled: 10/16/2013 0900

Client Matrix: Solid Date Received: 10/17/2013 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW26S09**

Lab Sample ID: 240-30345-2 Date Sampled: 10/16/2013 0931

Client Matrix: Solid Date Received: 10/17/2013 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

General Chemistry

Client Sample ID: **CARMW28S09**

Lab Sample ID: 240-30345-3 Date Sampled: 10/16/2013 1026

Client Matrix: Solid Date Received: 10/17/2013 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-106259	Analysis Date: 10/18/2013 1716						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30345-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-106085					
240-30345-1	CARMW27S09	T	Solid	5035	
240-30345-2	CARMW26S09	T	Solid	5035	
240-30345-3	CARMW28S09	T	Solid	5035	
Prep Batch: 240-106758					
MB 240-106758/1-A	Method Blank	T	Solid	5035	
Prep Batch: 240-107042					
MB 240-107042/1-A	Method Blank	T	Solid	5035	
Analysis Batch:240-107052					
LCS 240-107052/5	Lab Control Sample	T	Solid	8260C	
MB 240-106758/1-A	Method Blank	T	Solid	8260C	240-106758
240-30345-1	CARMW27S09	T	Solid	8260C	240-106085
240-30345-2	CARMW26S09	T	Solid	8260C	240-106085
Analysis Batch:240-107238					
LCS 240-107238/7	Lab Control Sample	T	Solid	8260C	
MB 240-107042/1-A	Method Blank	T	Solid	8260C	240-107042
240-30345-3	CARMW28S09	T	Solid	8260C	240-106085

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30345-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-106130					
LCS 240-106130/20-A	Lab Control Sample	T	Solid	3540C	
MB 240-106130/19-A	Method Blank	T	Solid	3540C	
240-30345-1	CARMW27S09	T	Solid	3540C	
240-30345-1MS	Matrix Spike	T	Solid	3540C	
240-30345-1MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-30345-2	CARMW26S09	T	Solid	3540C	
240-30345-3	CARMW28S09	T	Solid	3540C	
Analysis Batch:240-106711					
LCS 240-106130/20-A	Lab Control Sample	T	Solid	8270D	240-106130
MB 240-106130/19-A	Method Blank	T	Solid	8270D	240-106130
240-30345-1	CARMW27S09	T	Solid	8270D	240-106130
240-30345-1MS	Matrix Spike	T	Solid	8270D	240-106130
240-30345-1MSD	Matrix Spike Duplicate	T	Solid	8270D	240-106130
240-30345-2	CARMW26S09	T	Solid	8270D	240-106130
240-30345-3	CARMW28S09	T	Solid	8270D	240-106130

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30345-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-106117					
LCS 240-106117/15-A	Lab Control Sample	T	Solid	3540C	
MB 240-106117/14-A	Method Blank	T	Solid	3540C	
240-30345-1	CARMW27S09	T	Solid	3540C	
240-30345-2	CARMW26S09	T	Solid	3540C	
240-30345-3	CARMW28S09	T	Solid	3540C	
Prep Batch: 240-106122					
LCS 240-106122/15-A	Lab Control Sample	T	Solid	3540C	
MB 240-106122/14-A	Method Blank	T	Solid	3540C	
240-30345-1	CARMW27S09	T	Solid	3540C	
240-30345-2	CARMW26S09	T	Solid	3540C	
240-30345-3	CARMW28S09	T	Solid	3540C	
Analysis Batch:240-106493					
PB 240-106493/2	Preparation / Extraction Blank	T	Solid	8082A	
LCS 240-106117/15-A	Lab Control Sample	T	Solid	8082A	240-106117
MB 240-106117/14-A	Method Blank	T	Solid	8082A	240-106117
240-30345-1	CARMW27S09	T	Solid	8082A	240-106117
240-30345-2	CARMW26S09	T	Solid	8082A	240-106117
240-30345-3	CARMW28S09	T	Solid	8082A	240-106117
Analysis Batch:240-107032					
MB 240-106122/14-A	Method Blank	T	Solid	8081B	240-106122
Analysis Batch:240-107445					
LCS 240-106122/15-A	Lab Control Sample	T	Solid	8081B	240-106122
Prep Batch: 240-108059					
LCS 240-108059/15-A	Lab Control Sample	T	Solid	3540C	
MB 240-108059/14-A	Method Blank	T	Solid	3540C	
240-30345-1RE	CARMW27S09	T	Solid	3540C	
240-30345-2RE	CARMW26S09	T	Solid	3540C	
240-30345-3RE	CARMW28S09	T	Solid	3540C	
Analysis Batch:240-108338					
LCS 240-108059/15-A	Lab Control Sample	T	Solid	8081B	240-108059
MB 240-108059/14-A	Method Blank	T	Solid	8081B	240-108059
240-30345-1RE	CARMW27S09	T	Solid	8081B	240-108059
240-30345-2RE	CARMW26S09	T	Solid	8081B	240-108059
Analysis Batch:240-109089					
PB 240-109089/3	Preparation / Extraction Blank	T	Solid	8081B	
240-30345-2	CARMW26S09	T	Solid	8081B	240-106122

Client: EnSafe, Inc. Job Number: 240-30345-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-110159					
PB 240-110159/3	Preparation / Extraction Blank	T	Solid	8081B	
240-30345-1	CARMW27S09	T	Solid	8081B	240-106122
240-30345-3	CARMW28S09	T	Solid	8081B	240-106122
Analysis Batch:240-110320					
PB 240-110320/7	Preparation / Extraction Blank	T	Solid	8081B	
240-30345-3RE	CARMW28S09	T	Solid	8081B	240-108059

Report Basis
T = Total

Metals					
Prep Batch: 240-106168					
LCS 240-106168/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-106168/1-A	Method Blank	T	Solid	3050B	
240-30345-1	CARMW27S09	T	Solid	3050B	
240-30345-2	CARMW26S09	T	Solid	3050B	
240-30345-3	CARMW28S09	T	Solid	3050B	
Prep Batch: 240-106191					
LCS 240-106191/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-106191/1-A	Method Blank	T	Solid	7471B	
240-30345-1	CARMW27S09	T	Solid	7471B	
240-30345-2	CARMW26S09	T	Solid	7471B	
240-30345-3	CARMW28S09	T	Solid	7471B	
Analysis Batch:240-107033					
LCS 240-106191/2-A	Lab Control Sample	T	Solid	7471B	240-106191
MB 240-106191/1-A	Method Blank	T	Solid	7471B	240-106191
240-30345-1	CARMW27S09	T	Solid	7471B	240-106191
240-30345-2	CARMW26S09	T	Solid	7471B	240-106191
240-30345-3	CARMW28S09	T	Solid	7471B	240-106191
Analysis Batch:240-107816					
LCS 240-106168/2-A	Lab Control Sample	T	Solid	6010C	240-106168
MB 240-106168/1-A	Method Blank	T	Solid	6010C	240-106168
240-30345-1	CARMW27S09	T	Solid	6010C	240-106168
240-30345-2	CARMW26S09	T	Solid	6010C	240-106168
240-30345-3	CARMW28S09	T	Solid	6010C	240-106168

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30345-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-106259					
240-30345-1	CARMW27S09	T	Solid	Moisture	
240-30345-2	CARMW26S09	T	Solid	Moisture	
240-30345-3	CARMW28S09	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30345-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30345-1	CARMW27S09	96	91	97	89
240-30345-2	CARMW26S09	95	89	95	88
240-30345-3	CARMW28S09	91	90	93	86
MB 240-106758/1-A		88	87	92	87
MB 240-107042/1-A		95	95	100	95
LCS 240-107052/5		94	91	94	89
LCS 240-107238/7		95	93	94	91

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc. Job Number: 240-30345-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-30345-1	CARMW27S09	77	68	69	68	94	72
240-30345-2	CARMW26S09	75	62	61	67	90	76
240-30345-3	CARMW28S09	68	57	59	60	79	62
MB 240-106130/19-A		73	61	69	68	91	41
LCS 240-106130/20-A		79	77	75	80	100	85
240-30345-1 MS	CARMW27S09 MS	71	66	66	68	87	70
240-30345-1 MSD	CARMW27S09 MSD	69	65	65	67	84	72

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	24-110
2FP = 2-Fluorophenol (Surr)	24-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
PHL = Phenol-d5 (Surr)	26-110
TPH = Terphenyl-d14 (Surr)	36-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110

Client: EnSafe, Inc. Job Number: 240-30345-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30345-1 RE	CARMW27S09 RE	46	55	74	70
240-30345-1	CARMW27S09	70	76	157X	86
240-30345-2 RE	CARMW26S09 RE	23X	31X	50	43
240-30345-2	CARMW26S09	68	87	69	76
240-30345-3	CARMW28S09	72	71	80	73
240-30345-3 RE	CARMW28S09 RE	76	70	113	91
MB 240-106122/14-A		76	96	65	105
MB 240-108059/14-A		68	76	91	141
LCS 240-106122/15-A		0X	0X	23X	153X
LCS 240-108059/15-A		89	89	99	97

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc.

Job Number: 240-30345-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30345-1	CARMW27S09	59	68	69	102
240-30345-2	CARMW26S09	51	63	62	92
240-30345-3	CARMW28S09	60	66	70	129
MB 240-106117/14-A		71	82	74	88
LCS 240-106117/15-A		76	90	124	87

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106758 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-106758/1-A	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-106758	Lab File ID:	UX88257.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/25/2013 0357	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/23/2013 1023				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		6.3	20
Benzene	ND		0.23	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
2-Butanone (MEK)	ND		1.4	20
Carbon disulfide	ND		0.44	5.0
Carbon tetrachloride	ND		0.37	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
Chloroethane	ND		0.86	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
cis-1,3-Dichloropropene	ND		0.34	5.0
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
1,3-Dichlorobenzene	ND		0.35	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Dichlorobromomethane	ND		0.28	5.0
Dichlorodifluoromethane	ND		0.50	5.0
1,1-Dichloroethane	ND		0.36	5.0
1,2-Dichloroethane	ND		0.34	5.0
1,1-Dichloroethene	ND		0.52	5.0
1,2-Dichloropropane	ND		0.69	5.0
Ethylbenzene	ND		0.26	5.0
Ethylene Dibromide	ND		0.50	5.0
2-Hexanone	ND		0.63	20
Isopropylbenzene	ND		0.16	5.0
Methylene Chloride	2.86	J	0.67	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Methyl tert-butyl ether	ND		0.43	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
Styrene	ND		0.15	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106758

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-106758/1-A	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-106758	Lab File ID:	UX88257.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/25/2013 0357	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/23/2013 1023				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	52 - 136
Dibromofluoromethane (Surr)	87	37 - 132
1,2-Dichloroethane-d4 (Surr)	92	58 - 123
Toluene-d8 (Surr)	87	67 - 125

Method Blank TICs- Batch: 240-106758

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-107042 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-107042/1-A	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-107042	Lab File ID:	UX88292.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/26/2013 0340	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		6.3	20
Benzene	ND		0.23	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
2-Butanone (MEK)	ND		1.4	20
Carbon disulfide	ND		0.44	5.0
Carbon tetrachloride	ND		0.37	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
Chloroethane	ND		0.86	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
cis-1,3-Dichloropropene	ND		0.34	5.0
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
1,3-Dichlorobenzene	ND		0.35	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Dichlorobromomethane	ND		0.28	5.0
Dichlorodifluoromethane	ND		0.50	5.0
1,1-Dichloroethane	ND		0.36	5.0
1,2-Dichloroethane	ND		0.34	5.0
1,1-Dichloroethene	ND		0.52	5.0
1,2-Dichloropropane	ND		0.69	5.0
Ethylbenzene	ND		0.26	5.0
Ethylene Dibromide	ND		0.50	5.0
2-Hexanone	ND		0.63	20
Isopropylbenzene	ND		0.16	5.0
Methylene Chloride	ND		0.67	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Methyl tert-butyl ether	ND		0.43	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
Styrene	ND		0.15	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-107042

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-107042/1-A	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-107042	Lab File ID:	UX88292.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/26/2013 0340	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	52 - 136
Dibromofluoromethane (Surr)	95	37 - 132
1,2-Dichloroethane-d4 (Surr)	100	58 - 123
Toluene-d8 (Surr)	95	67 - 125

Method Blank TICs- Batch: 240-107042

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-107052

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107052/5	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/25/2013 0311	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	115	115	41 - 137	
Benzene	50.0	48.9	98	79 - 112	
Bromoform	50.0	59.1	118	62 - 133	
Bromomethane	50.0	45.7	91	42 - 136	
2-Butanone (MEK)	100	112	112	52 - 131	
Carbon disulfide	50.0	49.3	99	62 - 146	
Carbon tetrachloride	50.0	51.1	102	71 - 129	
Chlorobenzene	50.0	47.7	95	78 - 110	
Chlorodibromomethane	50.0	55.2	110	72 - 127	
Chloroethane	50.0	42.9	86	58 - 117	
Chloroform	50.0	49.5	99	77 - 114	
Chloromethane	50.0	42.6	85	50 - 110	
cis-1,2-Dichloroethene	50.0	49.8	100	76 - 113	
cis-1,3-Dichloropropene	50.0	57.2	114	74 - 128	
1,2-Dibromo-3-Chloropropane	50.0	49.2	98	61 - 132	
1,2-Dichlorobenzene	50.0	48.2	96	76 - 110	
1,3-Dichlorobenzene	50.0	47.2	94	78 - 111	
1,4-Dichlorobenzene	50.0	46.7	93	75 - 110	
Dichlorobromomethane	50.0	53.8	108	84 - 122	
Dichlorodifluoromethane	50.0	41.7	83	26 - 113	
1,1-Dichloroethane	50.0	48.2	96	76 - 115	
1,2-Dichloroethane	50.0	50.8	102	72 - 120	
1,1-Dichloroethene	50.0	45.0	90	75 - 135	
1,2-Dichloropropane	50.0	51.1	102	87 - 113	
Ethylbenzene	50.0	48.5	97	79 - 117	
Ethylene Dibromide	50.0	52.8	106	83 - 117	
2-Hexanone	100	119	119	64 - 136	
Isopropylbenzene	50.0	48.9	98	76 - 122	
Methylene Chloride	50.0	48.4	97	75 - 118	
4-Methyl-2-pentanone (MIBK)	100	122	122	67 - 135	
Methyl tert-butyl ether	50.0	54.9	110	49 - 165	
m-Xylene & p-Xylene	50.0	49.2	98	80 - 117	
o-Xylene	50.0	51.7	103	80 - 120	
Styrene	50.0	52.1	104	87 - 117	
1,1,2,2-Tetrachloroethane	50.0	52.0	104	77 - 123	
Tetrachloroethene	50.0	47.3	95	79 - 114	
Toluene	50.0	47.7	95	75 - 111	
trans-1,2-Dichloroethene	50.0	48.7	97	78 - 117	
trans-1,3-Dichloropropene	50.0	61.4	123	73 - 131	
1,2,4-Trichlorobenzene	50.0	48.7	97	64 - 124	
1,1,1-Trichloroethane	50.0	47.8	96	77 - 126	

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-107052

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107052/5	Analysis Batch:	240-107052	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/25/2013 0311	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	50.0	49.9	100	83 - 112	
Trichloroethene	50.0	49.4	99	79 - 113	
Trichlorofluoromethane	50.0	44.3	89	57 - 146	
Vinyl chloride	50.0	43.5	87	57 - 114	
Xylenes, Total	100	101	101	80 - 118	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	94	52 - 136
Dibromofluoromethane (Surr)	91	37 - 132
1,2-Dichloroethane-d4 (Surr)	94	58 - 123
Toluene-d8 (Surr)	89	67 - 125

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-107238

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107238/7	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88291.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/26/2013 0249	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	108	108	41 - 137	
Benzene	50.0	47.0	94	79 - 112	
Bromoform	50.0	52.5	105	62 - 133	
Bromomethane	50.0	43.7	87	42 - 136	
2-Butanone (MEK)	100	108	108	52 - 131	
Carbon disulfide	50.0	47.1	94	62 - 146	
Carbon tetrachloride	50.0	49.1	98	71 - 129	
Chlorobenzene	50.0	46.2	92	78 - 110	
Chlorodibromomethane	50.0	52.0	104	72 - 127	
Chloroethane	50.0	42.0	84	58 - 117	
Chloroform	50.0	46.8	94	77 - 114	
Chloromethane	50.0	41.8	84	50 - 110	
cis-1,2-Dichloroethene	50.0	48.4	97	76 - 113	
cis-1,3-Dichloropropene	50.0	55.6	111	74 - 128	
1,2-Dibromo-3-Chloropropane	50.0	46.7	93	61 - 132	
1,2-Dichlorobenzene	50.0	46.8	94	76 - 110	
1,3-Dichlorobenzene	50.0	46.6	93	78 - 111	
1,4-Dichlorobenzene	50.0	46.2	92	75 - 110	
Dichlorobromomethane	50.0	50.5	101	84 - 122	
Dichlorodifluoromethane	50.0	39.4	79	26 - 113	
1,1-Dichloroethane	50.0	46.2	92	76 - 115	
1,2-Dichloroethane	50.0	47.7	95	72 - 120	
1,1-Dichloroethene	50.0	44.2	88	75 - 135	
1,2-Dichloropropane	50.0	48.8	98	87 - 113	
Ethylbenzene	50.0	47.1	94	79 - 117	
Ethylene Dibromide	50.0	50.6	101	83 - 117	
2-Hexanone	100	113	113	64 - 136	
Isopropylbenzene	50.0	47.2	94	76 - 122	
Methylene Chloride	50.0	45.9	92	75 - 118	
4-Methyl-2-pentanone (MIBK)	100	117	117	67 - 135	
Methyl tert-butyl ether	50.0	51.9	104	49 - 165	
m-Xylene & p-Xylene	50.0	47.9	96	80 - 117	
o-Xylene	50.0	49.7	99	80 - 120	
Styrene	50.0	49.7	99	87 - 117	
1,1,2,2-Tetrachloroethane	50.0	50.1	100	77 - 123	
Tetrachloroethene	50.0	47.0	94	79 - 114	
Toluene	50.0	46.2	92	75 - 111	
trans-1,2-Dichloroethene	50.0	46.5	93	78 - 117	
trans-1,3-Dichloropropene	50.0	59.0	118	73 - 131	
1,2,4-Trichlorobenzene	50.0	50.5	101	64 - 124	
1,1,1-Trichloroethane	50.0	45.3	91	77 - 126	

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-107238

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107238/7	Analysis Batch:	240-107238	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88291.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/26/2013 0249	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	50.0	48.8	98	83 - 112	
Trichloroethene	50.0	46.6	93	79 - 113	
Trichlorofluoromethane	50.0	43.3	87	57 - 146	
Vinyl chloride	50.0	42.6	85	57 - 114	
Xylenes, Total	100	97.6	98	80 - 118	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	52 - 136
Dibromofluoromethane (Surr)	93	37 - 132
1,2-Dichloroethane-d4 (Surr)	94	58 - 123
Toluene-d8 (Surr)	91	67 - 125

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106130 **Method: 8270D**
Preparation: 3540C

Lab Sample ID:	MB 240-106130/19-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1303	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.76	6.7
Acenaphthylene	ND		0.35	6.7
Acetophenone	ND		9.2	100
Anthracene	ND		0.78	6.7
Benzo[a]anthracene	ND		0.63	6.7
Benzo[a]pyrene	ND		0.64	6.7
Benzo[b]fluoranthene	ND		0.59	6.7
Benzo[g,h,i]perylene	ND		0.35	6.7
Benzo[k]fluoranthene	ND		0.68	6.7
Bis(2-chloroethoxy)methane	ND		22	100
Bis(2-chloroethyl)ether	ND		2.0	100
bis (2-chloroisopropyl) ether	ND		9.5	100
Bis(2-ethylhexyl) phthalate	ND		19	70
4-Bromophenyl phenyl ether	ND		13	50
Butyl benzyl phthalate	ND		10	70
Carbazole	ND		27	50
4-Chloroaniline	ND		17	150
4-Chloro-3-methylphenol	ND		21	150
2-Chlorophenol	ND		8.2	50
4-Chlorophenyl phenyl ether	ND		13	50
Chrysene	ND		1.1	6.7
Dibenz(a,h)anthracene	ND		0.66	6.7
Dibenzofuran	ND		0.66	50
3,3'-Dichlorobenzidine	ND		18	100
2,4-Dichlorophenol	ND		20	150
Diethyl phthalate	ND		16	70
2,4-Dimethylphenol	ND		20	150
Dimethyl phthalate	ND		17	70
Di-n-butyl phthalate	28.0	J	15	70
4,6-Dinitro-2-methylphenol	ND		9.2	150
2,4-Dinitrophenol	ND		21	330
2,4-Dinitrotoluene	ND		17	200
2,6-Dinitrotoluene	ND		21	200
Di-n-octyl phthalate	ND		7.9	70
Fluoranthene	ND		0.55	6.7
Fluorene	ND		0.53	6.7
Hexachlorobenzene	ND		2.1	6.7
Hexachlorobutadiene	ND		5.6	50
Hexachlorocyclopentadiene	ND		8.1	330
Hexachloroethane	ND		9.0	50
Indeno[1,2,3-cd]pyrene	ND		0.35	6.7
Isophorone	ND		13	50
2-Methylnaphthalene	ND		0.50	6.7
2-Methylphenol	ND		11	200
3 & 4 Methylphenol	ND		20	400

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106130

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-106130/19-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1303	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	ND		0.82	6.7
2-Nitroaniline	ND		9.1	200
3-Nitroaniline	ND		16	200
4-Nitroaniline	ND		26	200
Nitrobenzene	ND		2.2	100
2-Nitrophenol	ND		8.3	50
4-Nitrophenol	ND		17	330
N-Nitrosodi-n-propylamine	ND		6.3	50
N-Nitrosodiphenylamine	ND		21	50
Pentachlorophenol	ND		9.1	150
Phenanthrene	ND		0.73	6.7
Phenol	ND		7.3	50
Pyrene	ND		0.44	6.7
2,4,5-Trichlorophenol	ND		25	150
2,4,6-Trichlorophenol	ND		8.9	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	73	24 - 110
2-Fluorophenol (Surr)	61	24 - 110
Nitrobenzene-d5 (Surr)	69	20 - 110
Phenol-d5 (Surr)	68	26 - 110
Terphenyl-d14 (Surr)	91	36 - 110
2,4,6-Tribromophenol (Surr)	41	10 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-106130

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-106130/20-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1327	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	519	78	38 - 110	
Acenaphthylene	667	487	73	40 - 110	
Acetophenone	667	461	69	40 - 110	
Anthracene	667	565	85	48 - 110	
Benzo[a]anthracene	667	533	80	50 - 110	
Benzo[a]pyrene	667	543	82	44 - 110	
Benzo[b]fluoranthene	667	569	85	43 - 110	
Benzo[g,h,i]perylene	667	583	87	51 - 110	
Benzo[k]fluoranthene	667	585	88	38 - 105	
Bis(2-chloroethoxy)methane	667	506	76	32 - 110	
Bis(2-chloroethyl)ether	667	475	71	34 - 110	
bis (2-chloroisopropyl) ether	667	501	75	29 - 110	
Bis(2-ethylhexyl) phthalate	667	542	81	50 - 110	
4-Bromophenyl phenyl ether	667	555	83	39 - 110	
Butyl benzyl phthalate	667	536	80	51 - 110	
Carbazole	667	629	94	50 - 110	
4-Chloroaniline	667	426	64	30 - 110	
4-Chloro-3-methylphenol	667	538	81	48 - 110	
2-Chlorophenol	667	503	75	37 - 110	
4-Chlorophenyl phenyl ether	667	545	82	40 - 110	
Chrysene	667	536	80	50 - 110	
Dibenz(a,h)anthracene	667	593	89	51 - 110	
Dibenzofuran	667	532	80	43 - 110	
3,3'-Dichlorobenzidine	1330	1050	79	28 - 110	
2,4-Dichlorophenol	667	493	74	39 - 110	
Diethyl phthalate	667	546	82	52 - 110	
2,4-Dimethylphenol	667	448	67	29 - 110	
Dimethyl phthalate	667	533	80	50 - 110	
Di-n-butyl phthalate	667	632	95	51 - 110	
4,6-Dinitro-2-methylphenol	1330	718	54	10 - 110	
2,4-Dinitrophenol	1330	552	41	10 - 110	
2,4-Dinitrotoluene	667	541	81	48 - 110	
2,6-Dinitrotoluene	667	559	84	45 - 110	
Di-n-octyl phthalate	667	547	82	48 - 110	
Fluoranthene	667	576	86	51 - 110	
Fluorene	667	526	79	46 - 110	
Hexachlorobenzene	667	536	80	43 - 110	
Hexachlorobutadiene	667	479	72	29 - 110	
Hexachlorocyclopentadiene	667	389	58	12 - 110	
Hexachloroethane	667	470	70	30 - 110	
Indeno[1,2,3-cd]pyrene	667	581	87	50 - 110	

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-106130

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-106130/20-A	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/23/2013 1327	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	667	464	70	36 - 110	
2-Methylnaphthalene	667	502	75	36 - 110	
2-Methylphenol	667	501	75	41 - 110	
3 & 4 Methylphenol	667	519	78	40 - 110	
Naphthalene	667	483	72	36 - 110	
2-Nitroaniline	667	555	83	45 - 110	
3-Nitroaniline	667	530	79	44 - 110	
4-Nitroaniline	667	586	88	48 - 110	
Nitrobenzene	667	501	75	32 - 110	
2-Nitrophenol	667	471	71	34 - 110	
4-Nitrophenol	1330	1100	83	28 - 110	
N-Nitrosodi-n-propylamine	667	489	73	38 - 110	
N-Nitrosodiphenylamine	1330	1120	84	46 - 110	
Pentachlorophenol	1330	924	69	10 - 110	
Phenanthrene	667	538	81	49 - 110	
Phenol	667	524	79	38 - 110	
Pyrene	667	525	79	49 - 110	
2,4,5-Trichlorophenol	667	546	82	25 - 110	
2,4,6-Trichlorophenol	667	524	79	12 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	79	24 - 110
2-Fluorophenol (Surr)	77	24 - 110
Nitrobenzene-d5 (Surr)	75	20 - 110
Phenol-d5 (Surr)	80	26 - 110
Terphenyl-d14 (Surr)	100	36 - 110
2,4,6-Tribromophenol (Surr)	85	10 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106130

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-30345-1	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.09 g
Analysis Date:	10/23/2013 1502			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-30345-1	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.90 g
Analysis Date:	10/23/2013 1526			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	71	68	22 - 110	3	99		
Acenaphthylene	63	63	24 - 110	1	99		
Acetophenone	58	58	31 - 110	1	43		
Anthracene	69	69	20 - 110	0	99		
Benzo[a]anthracene	74	74	10 - 122	0	99		
Benzo[a]pyrene	70	68	10 - 110	2	99		
Benzo[b]fluoranthene	72	67	12 - 118	5	99		
Benzo[g,h,i]perylene	75	77	10 - 117	3	99		
Benzo[k]fluoranthene	67	67	10 - 121	0	99		
Bis(2-chloroethoxy)methane	65	62	26 - 110	4	37		
Bis(2-chloroethyl)ether	63	63	21 - 110	1	55		
bis (2-chloroisopropyl) ether	64	64	11 - 110	0	42		
Bis(2-ethylhexyl) phthalate	110	105	40 - 110	4	30		
4-Bromophenyl phenyl ether	74	70	33 - 110	4	30		
Butyl benzyl phthalate	73	71	44 - 110	2	30		
Carbazole	72	67	34 - 110	7	30		
4-Chloroaniline	39	36	10 - 110	8	36		
4-Chloro-3-methylphenol	70	68	25 - 110	3	54		
2-Chlorophenol	64	65	10 - 110	2	47		
4-Chlorophenyl phenyl ether	69	72	32 - 110	5	30		
Chrysene	74	73	10 - 125	0	99		
Dibenz(a,h)anthracene	74	76	14 - 113	3	99		
Dibenzofuran	68	69	29 - 110	2	30		
3,3'-Dichlorobenzidine	57	53	10 - 110	5	56		
2,4-Dichlorophenol	66	64	10 - 110	2	34		
Diethyl phthalate	74	75	42 - 110	2	30		
2,4-Dimethylphenol	67	62	10 - 110	8	31		
Dimethyl phthalate	70	68	41 - 110	1	30		
Di-n-butyl phthalate	68	66	43 - 110	2	30		
4,6-Dinitro-2-methylphenol	37	32	10 - 110	16	55		
2,4-Dinitrophenol	34	30	10 - 110	13	99		
2,4-Dinitrotoluene	70	70	32 - 110	0	30		

Client: EnSafe, Inc. Job Number: 240-30345-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106130

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-30345-1	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.09 g
Analysis Date:	10/23/2013 1502			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-30345-1	Analysis Batch:	240-106711	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-106130	Lab File ID:	31023012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.90 g
Analysis Date:	10/23/2013 1526			Final Weight/Volume:	2 mL
Prep Date:	10/18/2013 0854			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,6-Dinitrotoluene	76	74	35 - 110	3	30		
Di-n-octyl phthalate	75	76	24 - 119	1	30		
Fluoranthene	69	68	10 - 110	1	99		
Fluorene	72	70	23 - 110	2	99		
Hexachlorobenzene	68	66	34 - 110	2	30		
Hexachlorobutadiene	63	63	25 - 110	1	34		
Hexachlorocyclopentadiene	32	30	10 - 110	8	79	J	J
Hexachloroethane	64	62	12 - 110	2	50		
Indeno[1,2,3-cd]pyrene	73	77	10 - 114	6	99		
Isophorone	61	59	29 - 110	3	38		
2-Methylnaphthalene	68	65	10 - 133	5	42		
2-Methylphenol	62	62	24 - 110	0	51		
3 & 4 Methylphenol	68	67	25 - 110	1	50		
Naphthalene	66	61	10 - 111	8	99		
2-Nitroaniline	69	69	39 - 110	0	31		
3-Nitroaniline	42	36	10 - 110	15	30		
4-Nitroaniline	45	45	10 - 110	1	48		
Nitrobenzene	62	60	23 - 110	3	41		
2-Nitrophenol	67	68	10 - 110	2	49		
4-Nitrophenol	71	72	10 - 113	1	49		
N-Nitrosodi-n-propylamine	61	61	26 - 110	0	42		
N-Nitrosodiphenylamine	73	70	22 - 110	4	30		
Pentachlorophenol	62	60	10 - 110	3	50		
Phenanthrene	69	68	10 - 166	0	99		
Phenol	67	65	17 - 110	2	53		
Pyrene	67	63	10 - 147	4	99		
2,4,5-Trichlorophenol	71	69	10 - 117	2	99		
2,4,6-Trichlorophenol	67	71	10 - 110	6	38		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	71	69	24 - 110
2-Fluorophenol (Surr)	66	65	24 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	66	65	20 - 110
Phenol-d5 (Surr)	68	67	26 - 110
Terphenyl-d14 (Surr)	87	84	36 - 110
2,4,6-Tribromophenol (Surr)	70	72	10 - 110

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106122

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-106122/14-A	Analysis Batch:	240-107032	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-106122	Lab File ID:	P9102459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/25/2013 0708	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0837			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	41 - 157
Tetrachloro-m-xylene	105	40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106122

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-106122/14-A	Analysis Batch:	240-107032	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-106122	Lab File ID:	P9102459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/25/2013 0708	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0837			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	65	40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-106122

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-106122/15-A	Analysis Batch:	240-107445	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-106122	Lab File ID:	P3102911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/29/2013 0642	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0837			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	ND	3	40 - 145	*
alpha-BHC	33.3	0.747	2	50 - 153	J *
alpha-Chlordane	33.3	ND	3	42 - 150	*
beta-BHC	33.3	ND	3	43 - 153	*
4,4'-DDD	33.3	0.973	3	53 - 160	J *
4,4'-DDE	33.3	0.936	3	46 - 143	J *
4,4'-DDT	33.3	1.23	4	40 - 157	J *
delta-BHC	33.3	ND	2	54 - 152	*
Dieldrin	33.3	0.905	3	51 - 154	J *
Endosulfan I	33.3	0.735	2	40 - 148	J *
Endosulfan II	33.3	0.973	3	42 - 137	J *
Endosulfan sulfate	33.3	1.07	3	50 - 153	J *
Endrin	33.3	0.989	3	55 - 147	J *
Endrin aldehyde	33.3	1.15	3	43 - 158	J *
Endrin ketone	33.3	1.01	3	41 - 142	J *
gamma-BHC (Lindane)	33.3	0.904	3	44 - 160	J *
gamma-Chlordane	33.3	ND	0	47 - 156	*
Heptachlor	33.3	ND	2	47 - 137	*
Heptachlor epoxide	33.3	0.877	3	53 - 153	J *
Methoxychlor	33.3	1.94	6	40 - 152	J *

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	153	X	40 - 149

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	23	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-108059

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-108059/14-A	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-108059	Lab File ID:	P3110557.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/05/2013 2102	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/01/2013 0957			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	68	41 - 157
Tetrachloro-m-xylene	91	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	141	40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Lab Control Sample - Batch: 240-108059

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-108059/15-A	Analysis Batch:	240-108338	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-108059	Lab File ID:	P3110545.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/05/2013 1653	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/01/2013 0957			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	24.6	74	40 - 145	
alpha-BHC	33.3	32.2	97	50 - 153	
alpha-Chlordane	33.3	30.7	92	42 - 150	
beta-BHC	33.3	31.5	94	43 - 153	
4,4'-DDD	33.3	45.4	136	53 - 160	
4,4'-DDE	33.3	30.0	90	46 - 143	
4,4'-DDT	33.3	42.4	127	40 - 157	
delta-BHC	33.3	34.1	102	54 - 152	
Dieldrin	33.3	31.7	95	51 - 154	
Endosulfan I	33.3	21.3	64	40 - 148	
Endosulfan II	33.3	25.1	75	42 - 137	
Endosulfan sulfate	33.3	35.3	106	50 - 153	
Endrin	33.3	36.0	108	55 - 147	
Endrin aldehyde	33.3	34.9	105	43 - 158	
Endrin ketone	33.3	33.6	101	41 - 142	
gamma-BHC (Lindane)	33.3	34.4	103	44 - 160	
gamma-Chlordane	33.3	32.8	99	47 - 156	
Heptachlor	33.3	37.1	111	47 - 137	
Heptachlor epoxide	33.3	33.6	101	53 - 153	
Methoxychlor	33.3	39.7	119	40 - 152	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	41 - 157
Tetrachloro-m-xylene	99	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	41 - 157
Tetrachloro-m-xylene	97	40 - 149

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-109089 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-109089/3	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/09/2013 1025	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-109089 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-109089/3	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3110903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/09/2013 1025	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-110320 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110320/7	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111807.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/18/2013 1544	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-110320 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110320/7	Analysis Batch:	240-110320	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3111807.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/18/2013 1544	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Method Blank - Batch: 240-106117

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-106117/14-A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-106117	Lab File ID:	P1000020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 0644	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0832			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	71	14 - 163
Tetrachloro-m-xylene	74	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	14 - 163
Tetrachloro-m-xylene	88	29 - 151

Lab Control Sample - Batch: 240-106117

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-106117/15-A	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-106117	Lab File ID:	P1000026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	10/22/2013 0815	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/18/2013 0832			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	251	75	62 - 120	
Aroclor-1260	333	249	75	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	14 - 163
Tetrachloro-m-xylene	124	29 - 151

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	14 - 163
Tetrachloro-m-xylene	87	29 - 151

Client: EnSafe, Inc. Job Number: 240-30345-1

Preparation / Extraction Blank - Batch: 240-106493

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-106493/2	Analysis Batch:	240-106493	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1000002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/22/2013 0211	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		63	99
Aroclor-1221	ND		48	99
Aroclor-1232	ND		42	99
Aroclor-1242	ND		39	99
Aroclor-1248	ND		51	99
Aroclor-1254	ND		51	99
Aroclor-1260	ND		51	99
Aroclor-1262	ND		81	99
Aroclor-1268	ND		42	99

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106168 **Method: 6010C**
Preparation: 3050B

Lab Sample ID:	MB 240-106168/1-A	Analysis Batch:	240-107816	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/30/2013 1201	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.146	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-106168 **Method: 6010C**
Preparation: 3050B

Lab Sample ID:	LCS 240-106168/2-A	Analysis Batch:	240-107816	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-106168	Lab File ID:	I9103013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/30/2013 1205	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1013				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	189	94	80 - 120	
Barium	200	188	94	80 - 120	
Cadmium	5.00	4.78	96	80 - 120	
Chromium	20.0	19.0	95	80 - 120	
Lead	50.0	46.3	93	80 - 120	
Selenium	200	188	94	80 - 120	
Silver	5.00	4.79	96	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30345-1

Method Blank - Batch: 240-106191

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-106191/1-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1715	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-106191

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-106191/2-A	Analysis Batch:	240-107033	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-106191	Lab File ID:	102413A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/24/2013 1721	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/18/2013 1405				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.813	98	80 - 120	

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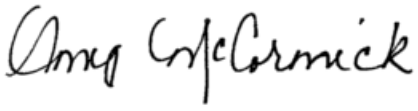
ANALYTICAL REPORT

Job Number: 240-30764-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/29/2013 11:19 AM

Amy L McCormick, Project Manager II
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11/29/2013
Revision: 1

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CASE NARRATIVE
REVISED

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30764-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report has been revised to provide additional information in the DIESEL RANGE ORGANICS (DRO) section of the Case Narrative.

PCBs and BNAs for samples CARDCDPZ01G20131027, CARMW31G20131027, CARDMW31H20131027, CARDCDPZ04G20131027, CARSSIPZ03G20131028, and CARMW35DG20131028 will be reported in jobs 240-31207-1 and 240-31234-1.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/29/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.8, 2.2, 2.7, 3.1, 3.7, 4.2 and 4.6 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample CARMW29S11 (240-30764-11) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/29/2013 and analyzed on 10/30/2013.

Surrogate recovery for sample CARMW29S11 (240-30764-11) was outside control limits. Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Internal standard (ISTD) response for sample CARMW29S11 (240-30764-11) was outside control limits. The sample was re-analyzed with concurring results. The original set of data has been reported.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARSSIPZ02G20131024 (240-30764-1), CARTRIP20131025 (240-30764-2), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and CARMW35DG20131028 (240-30764-12) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/06/2013 and 11/07/2013.

Samples CARMW32G20131025 (240-30764-3)[3.33X], CARSSIPZ01G20131026 (240-30764-4)[25X], CARMW33G20131026 (240-30764-5)[4X], CARMW31G20131027 (240-30764-7)[5X], CARMW31H20131027 (240-30764-8)[5X] and CARDCDPZ04G20131027

(240-30764-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Acetone was detected in method blank MB 240-108601/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank MB 240-108758/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 108578 recovered outside control limits for 2-Butanone, cis-1,3-dichloropropene, and trans-1,3-dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample for batch 108601 recovered outside control limits for Acetone. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed

The laboratory control sample for batch 108601 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

cis-1,2-Dichloroethene failed the recovery criteria low for the MS of sample CARMW33G20131026MS (240-30764-5) in batch 240-108758.

The continuing calibration verification (CCV) for analytical batch 108758 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required.

The continuing calibration verification (CCV) for analytical batch 108601 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4) and CARMW33G20131026 (240-30764-5) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/31/2013 and 11/01/2013 and analyzed on 11/04/2013 and 11/08/2013.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Sample CARMW33G20131026 (240-30764-5)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-107842/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Bis(2-ethylhexyl) phthalate and Di-n-butyl phthalate were detected in method blank MB 240-108039/19-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples CARSSIPZ02G20131024 (240-30764-1), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7) and CARDCDPZ04G20131027 (240-30764-9) were analyzed for diesel range organics (DRO) in accordance with EPA-SW-846 Method 8015C - DRO. The samples were prepared on 10/30/2013 and 10/31/2013 and analyzed on 11/02/2013, 11/12/2013 and 11/15/2013.

Samples CARDCDPZ01G20131027 (240-30764-6)[5X] and CARDCDPZ04G20131027 (240-30764-9)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample CARSSIPZ02G20131024 (240-30764-1) contained a low value of an unidentified mixture of hydrocarbons that did not match any hydrocarbon pattern in the laboratory's reference library.

Sample CARDCDPZ01G20131027 (240-30764-6) contained a mixture of petroleum products, most of which elute in the range of the hydraulic fluid in the reference standards, although it is not a match for this compound.

Sample CARMW31G20131027 (240-30764-7) contained an unidentified mixture of hydrocarbons. No distinct pattern was present that could be identified in the laboratory's reference library.

Sample CARDCDPZ04G20131027 (240-30764-9) contained a mixture of petroleum products. The largest component most closely resembles the mineral spirits in the reference library, although it is not a match.

o-Terphenyl (Surr) failed the surrogate recovery criteria high for CARDCDPZ04G20131027 (240-30764-9).

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample CARMW29S11 (240-30764-11) was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/30/2013 and analyzed on 11/21/2013.

Sample CARMW29S11 (240-30764-11)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARMW29S11 (240-30764-11).

The opening Toxaphene continuing calibration verification (CCV) for analytical batch 110788 was not spiked. The closing CCV passed all criteria. A low level standard (MRL) was analyzed in the sequence and met quality criteria, indicating the laboratories ability to detect the analyte at the reporting limit. Samples were evaluated for the Toxaphene pattern and all were non-detect. The data have been qualified and reported.

The capping continuing calibration verification (CCV) for beta-BHC, delta-BHC, DDD, DDE, and Methoxychlor associated with batch 110788 recovered above the upper control limit. Sample CARMW29S11 (240-30764-11) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and CARMW35DG20131028 (240-30764-12) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/30/2013, 10/31/2013 and 11/01/2013 and analyzed on 11/08/2013, 11/11/2013, 11/14/2013 and 11/16/2013.

Sample CARDCDPZ04G20131027 (240-30764-9)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. Samples CARDCDPZ01G20131027 (240-30764-6), CARMW33G20131026 (240-30764-5), and CARSSIPZ01G20131026 (240-30764-4) contained an allowable number of surrogate compounds outside limits. These results have been reported and qualified.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARDCDPZ04G20131027 (240-30764-9).

The laboratory control sample (LCS) for batch 108045 recovered outside control limits for Methoxychlor . This analyte was biased high in the LCS and was not detected in samples CARMW31H20131027 (240-30764-8), CARMW35DG20131028 (240-30764-12), and CARSSIPZ03G20131028 (240-30764-10); therefore, the data have been reported.

The opening and closing continuing calibration verifications (CCV) associated with batch 109145 recovered DDT and Methoxychlor above the upper control limits. Samples CARMW31H20131027 (240-30764-8) and CARSSIPZ03G20131028 (240-30764-10) associated with these CCVs were non-detects for the affected analytes; therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 109145 recovered DDT and Methoxychlor above the upper control limit. Sample CARMW35DG20131028 (240-30764-12)associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109145 recovered DDT, Endrin Ketone, and Methoxychlor above the upper control limits. Sample CARMW35DG20131028 (240-30764-12) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The grand mean exception, as outlined in EPA Method 8000B, was applied to the closing continuing calibration verification (CCV) standard associated with batch 110159 for delta-BHC. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the initial calibration (ICAL) may be used for quantitation if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 20%D. Sample CARDCDPZ04G20131027 (240-30764-9) associated with this CCV was non-detect for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample CARMW29S11 (240-30764-11) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/30/2013 and analyzed on 11/04/2013.

Sample CARMW29S11 (240-30764-11)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample CARMW29S11 (240-30764-11) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARMW29S11 (240-30764-11).

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4) and CARMW33G20131026 (240-30764-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/31/2013 and analyzed on 11/11/2013.

Sample CARMW32G20131025 (240-30764-3) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Sample CARMW29S11 (240-30764-11) was analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 11/07/2013 and analyzed on 11/08/2013.

Barium was detected in method blank MB 240-108833/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and CARMW35DG20131028 (240-30764-12) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/31/2013 and 11/06/2013 and analyzed on 11/05/2013 and 11/07/2013.

Barium was detected in method blank MB 240-107845/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and

CARMW35DG20131028 (240-30764-12) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/31/2013 and 11/06/2013 and analyzed on 11/01/2013 and 11/07/2013.

Mercury failed the recovery criteria low for the MS of sample CARMW33G20131026MS (240-30764-5) in batch 240-108862.

No other difficulties were encountered during the mercury analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Sample CARMW29S11 (240-30764-11) was analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 11/07/2013 and analyzed on 11/08/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Sample CARMW29S11 (240-30764-11) was analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/29/2013.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-1	**CARSSIPZ02G20131024**					
Acetone		1.3	J B *	10	ug/L	8260C
Carbon disulfide		0.38	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.1		1.0	ug/L	8260C
1,1-Dichloroethane		4.8		1.0	ug/L	8260C
1,1-Dichloroethene		0.48	J	1.0	ug/L	8260C
Trichloroethene		4.9		1.0	ug/L	8260C
Vinyl chloride		3.3		1.0	ug/L	8260C
Bis(2-ethylhexyl) phthalate		0.26	J B	1.9	ug/L	8270D
Fluoranthene		0.19		0.19	ug/L	8270D
Fluorene		0.10	J	0.19	ug/L	8270D
Naphthalene		0.16	J	0.19	ug/L	8270D
Phenanthrene		0.14	J	0.19	ug/L	8270D
Pyrene		0.13	J	0.19	ug/L	8270D
Diesel Range Organics [C10 - C28]		680		480	ug/L	8015C
Total Recoverable						
Barium		180	J B	200	ug/L	6010C
240-30764-2	**CARTRIP20131025**					
Acetone		1.3	J B *	10	ug/L	8260C
Carbon disulfide		0.27	J	1.0	ug/L	8260C
240-30764-3	**CARMW32G20131025**					
Acetone		8.2	J B *	33	ug/L	8260C
Carbon disulfide		62		3.3	ug/L	8260C
Chloroethane		3.4		3.3	ug/L	8260C
Chloroform		1.4	J	3.3	ug/L	8260C
cis-1,2-Dichloroethene		150		3.3	ug/L	8260C
1,1-Dichloroethane		220		3.3	ug/L	8260C
1,2-Dichloroethane		1.1	J	3.3	ug/L	8260C
1,1-Dichloroethene		18		3.3	ug/L	8260C
Tetrachloroethene		1.1	J	3.3	ug/L	8260C
Toluene		2.2	J	3.3	ug/L	8260C
trans-1,2-Dichloroethene		1.7	J	3.3	ug/L	8260C
1,1,1-Trichloroethane		33		3.3	ug/L	8260C
Trichloroethene		40		3.3	ug/L	8260C
Vinyl chloride		42		3.3	ug/L	8260C
2-Methylnaphthalene		0.40		0.19	ug/L	8270D
4-Chloro-3-methylphenol		13		1.9	ug/L	8270D
Naphthalene		2.3		0.19	ug/L	8270D
alpha-BHC		0.011	J	0.049	ug/L	8081B
Total Recoverable						
Barium		620	B	200	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-4	**CARSSIPZ01G20131026**					
cis-1,2-Dichloroethene		82		25	ug/L	8260C
trans-1,2-Dichloroethene		15	J	25	ug/L	8260C
Trichloroethene		1300		25	ug/L	8260C
Total Recoverable						
Arsenic		9.9	J	15	ug/L	6010C
Barium		300	B	200	ug/L	6010C
Chromium		23		10	ug/L	6010C
Lead		11		10	ug/L	6010C
240-30764-5	**CARMW33G20131026**					
Acetone		27	J B	40	ug/L	8260C
Chloroform		3.0	J	4.0	ug/L	8260C
cis-1,2-Dichloroethene		190		4.0	ug/L	8260C
1,1-Dichloroethane		60		4.0	ug/L	8260C
1,1-Dichloroethene		8.4		4.0	ug/L	8260C
Toluene		1.4	J	4.0	ug/L	8260C
trans-1,2-Dichloroethene		2.3	J	4.0	ug/L	8260C
Trichloroethene		48		4.0	ug/L	8260C
Vinyl chloride		33		4.0	ug/L	8260C
2-Methylnaphthalene		9.1		0.79	ug/L	8270D
4-Chloro-3-methylphenol		2.6	J	7.9	ug/L	8270D
Carbazole		1.3	J	4.0	ug/L	8270D
Naphthalene		52		0.79	ug/L	8270D
Total Recoverable						
Arsenic		9.0	J	15	ug/L	6010C
Barium		180	J	200	ug/L	6010C
Chromium		9.4	J	10	ug/L	6010C
Lead		2.7	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-6	**CARDCDPZ01G20131027**					
Acetone		15	B *	10	ug/L	8260C
Carbon disulfide		1.6		1.0	ug/L	8260C
cis-1,2-Dichloroethene		6.5		1.0	ug/L	8260C
1,2-Dichlorobenzene		0.52	J	1.0	ug/L	8260C
1,1-Dichloroethane		28		1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		1.0		1.0	ug/L	8260C
Trichloroethene		8.5		1.0	ug/L	8260C
Vinyl chloride		2.7		1.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		9100		2700	ug/L	8015C
delta-BHC		0.037	J	0.053	ug/L	8081B
gamma-BHC (Lindane)		0.016	J	0.053	ug/L	8081B
Total Recoverable						
Arsenic		6.8	J	15	ug/L	6010C
Barium		180	J	200	ug/L	6010C
Cadmium		0.70	J	5.0	ug/L	6010C
Chromium		20		10	ug/L	6010C
Lead		6.9	J	10	ug/L	6010C
240-30764-7	**CARMW31G20131027**					
cis-1,2-Dichloroethene		110		5.0	ug/L	8260C
1,1-Dichloroethane		14		5.0	ug/L	8260C
1,1-Dichloroethene		4.9	J	5.0	ug/L	8260C
trans-1,2-Dichloroethene		3.0	J	5.0	ug/L	8260C
Trichloroethene		310		5.0	ug/L	8260C
Vinyl chloride		7.5		5.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		2800		480	ug/L	8015C
Total Recoverable						
Arsenic		5.6	J	15	ug/L	6010C
Barium		160	J	200	ug/L	6010C
Chromium		5.0	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-8	**CARMW31H20131027**					
Acetone		11	J B *	50	ug/L	8260C
cis-1,2-Dichloroethene		120		5.0	ug/L	8260C
1,1-Dichloroethane		14		5.0	ug/L	8260C
1,1-Dichloroethene		5.4		5.0	ug/L	8260C
trans-1,2-Dichloroethene		3.5	J	5.0	ug/L	8260C
Trichloroethene		340		5.0	ug/L	8260C
Vinyl chloride		8.6		5.0	ug/L	8260C
Total Recoverable						
Arsenic		3.6	J	15	ug/L	6010C
Barium		170	J	200	ug/L	6010C
Chromium		5.8	J	10	ug/L	6010C
Lead		2.2	J	10	ug/L	6010C
240-30764-9	**CARDCDPZ04G20131027**					
Acetone		23	B	20	ug/L	8260C
Carbon disulfide		0.30	J	2.0	ug/L	8260C
Chloroethane		2.0		2.0	ug/L	8260C
cis-1,2-Dichloroethene		17		2.0	ug/L	8260C
1,1-Dichloroethane		3.2		2.0	ug/L	8260C
Ethylbenzene		1.2	J	2.0	ug/L	8260C
Toluene		0.36	J	2.0	ug/L	8260C
trans-1,2-Dichloroethene		1.1	J	2.0	ug/L	8260C
Trichloroethene		10		2.0	ug/L	8260C
Vinyl chloride		2.2		2.0	ug/L	8260C
Xylenes, Total		1.1	J	4.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		25000000		2000000	ug/L	8015C
Total Recoverable						
Arsenic		34		15	ug/L	6010C
Barium		1100		200	ug/L	6010C
Chromium		19		10	ug/L	6010C
Lead		7.7	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-10	**CARSSIPZ03G20131028**					
Acetone		1.7	J B *	10	ug/L	8260C
Carbon disulfide		0.23	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.3		1.0	ug/L	8260C
Trichloroethene		25		1.0	ug/L	8260C
Mercury		0.33		0.20	ug/L	7470A
Total Recoverable						
Arsenic		55		15	ug/L	6010C
Barium		1300		200	ug/L	6010C
Cadmium		1.1	J	5.0	ug/L	6010C
Chromium		140		10	ug/L	6010C
Lead		82		10	ug/L	6010C
240-30764-11	**CARMW29S11**					
Acetone		39		20	ug/Kg	8260C
Carbon disulfide		0.73	J	5.1	ug/Kg	8260C
cis-1,2-Dichloroethene		7.7		5.1	ug/Kg	8260C
Trichloroethene		72		5.1	ug/Kg	8260C
Vinyl chloride		0.52	J	5.1	ug/Kg	8260C
Arsenic		5.2		1.6	mg/Kg	6010C
Barium		110	B	22	mg/Kg	6010C
Cadmium		0.045	J	0.54	mg/Kg	6010C
Chromium		20		1.1	mg/Kg	6010C
Lead		8.8		1.1	mg/Kg	6010C
Mercury		0.028	J	0.14	mg/Kg	7471B
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
240-30764-12	**CARMW35DG20131028**					
Acetone		2.5	J B *	10	ug/L	8260C
Carbon disulfide		0.85	J	1.0	ug/L	8260C
Chloroform		2.6		1.0	ug/L	8260C
Dichlorobromomethane		0.34	J *	1.0	ug/L	8260C
Total Recoverable						
Arsenic		6.4	J	15	ug/L	6010C
Barium		100	J	200	ug/L	6010C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30764-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Total Recoverable or Dissolved Metals	TAL CAN		SW846 3005A
Mercury (CVAA)	TAL CAN	SW846 7470A	
Preparation, Mercury	TAL CAN		SW846 7470A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30764-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Gruber, John	JMG
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8081B	Shock, Ray	RES
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Bosworth, Heather M	HMB
SW846 8082A	Hass, Lori	LSH
SW846 6010C	Counts, Karen	KLC
SW846 7470A	Martin, Aaron	AMM2
SW846 7470A	Sutherland, Aaron	ADS
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Paulick, Ron	RPP

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30764-1	CARSSIPZ02G20131024	Water	10/24/2013 1706	10/29/2013 0910
240-30764-2	CARTRIP20131025	Water	10/25/2013 1545	10/29/2013 0910
240-30764-3	CARMW32G20131025	Water	10/25/2013 1641	10/29/2013 0910
240-30764-4	CARSSIPZ01G20131026	Water	10/26/2013 0906	10/29/2013 0910
240-30764-5	CARMW33G20131026	Water	10/26/2013 1202	10/29/2013 0910
240-30764-6	CARDCDPZ01G20131027	Water	10/27/2013 0915	10/29/2013 0910
240-30764-7	CARMW31G20131027	Water	10/27/2013 1141	10/29/2013 0910
240-30764-8	CARMW31H20131027	Water	10/27/2013 1141	10/29/2013 0910
240-30764-9	CARDCDPZ04G20131027	Water	10/27/2013 1540	10/29/2013 0910
240-30764-10	CARSSIPZ03G20131028	Water	10/28/2013 1541	10/29/2013 0910
240-30764-11	CARMW29S11	Solid	10/28/2013 1615	10/29/2013 0910
240-30764-12	CARMW35DG20131028	Water	10/28/2013 1705	10/29/2013 0910

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1478.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1536				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.38	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	2.1		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	4.8		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	0.48	J	0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	4.9		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	3.3		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1478.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1536				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 117
Dibromofluoromethane (Surr)	104		75 - 121
1,2-Dichloroethane-d4 (Surr)	100		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1478.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1536				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARTRIP20131025**

Lab Sample ID: 240-30764-2 Date Sampled: 10/25/2013 1545
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1479.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1558			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1558				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.27	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARTRIP20131025**

Lab Sample ID: 240-30764-2 Date Sampled: 10/25/2013 1545
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1479.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1558			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1558				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		66 - 117
Dibromofluoromethane (Surr)	109		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	102		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARTRIP20131025**

Lab Sample ID: 240-30764-2 Date Sampled: 10/25/2013 1545
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1479.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1558			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1558				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1480.D
Dilution:	3.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1621			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.2	J B *	3.7	33
Benzene	ND		0.43	3.3
Bromoform	ND		2.1	3.3
Bromomethane	ND		1.4	3.3
2-Butanone (MEK)	ND	*	1.9	33
Carbon disulfide	62		0.43	3.3
Carbon tetrachloride	ND		0.43	3.3
Chlorobenzene	ND		0.50	3.3
Chlorodibromomethane	ND	*	0.60	3.3
Chloroethane	3.4		0.97	3.3
Chloroform	1.4	J	0.53	3.3
Chloromethane	ND		1.0	3.3
cis-1,2-Dichloroethene	150		0.57	3.3
cis-1,3-Dichloropropene	ND	*	0.47	3.3
1,2-Dibromo-3-Chloropropane	ND		2.2	6.7
1,2-Dichlorobenzene	ND		0.43	3.3
1,3-Dichlorobenzene	ND		0.47	3.3
1,4-Dichlorobenzene	ND		0.43	3.3
Dichlorobromomethane	ND	*	0.50	3.3
Dichlorodifluoromethane	ND		1.0	3.3
1,1-Dichloroethane	220		0.50	3.3
1,2-Dichloroethane	1.1	J	0.73	3.3
1,1-Dichloroethene	18		0.63	3.3
1,2-Dichloropropane	ND		0.60	3.3
Ethylbenzene	ND		0.57	3.3
Ethylene Dibromide	ND	*	0.80	3.3
2-Hexanone	ND		1.4	33
Isopropylbenzene	ND		0.43	3.3
Methylene Chloride	ND		1.1	3.3
4-Methyl-2-pentanone (MIBK)	ND	*	1.1	33
Methyl tert-butyl ether	ND		0.57	3.3
Styrene	ND		0.37	3.3
1,1,2,2-Tetrachloroethane	ND		0.60	3.3
Tetrachloroethene	1.1	J	0.97	3.3
Toluene	2.2	J	0.43	3.3
trans-1,2-Dichloroethene	1.7	J	0.63	3.3
trans-1,3-Dichloropropene	ND	*	0.63	3.3
1,2,4-Trichlorobenzene	ND		0.50	3.3
1,1,1-Trichloroethane	33		0.73	3.3
1,1,2-Trichloroethane	ND		0.90	3.3
Trichloroethene	40		0.57	3.3
Trichlorofluoromethane	ND		0.70	3.3
Vinyl chloride	42		0.73	3.3
Xylenes, Total	ND		0.47	6.7

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1480.D
Dilution:	3.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1621			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1621				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	93		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1480.D
Dilution:	3.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1621			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1621				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1481.D
Dilution:	25			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1643			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1643				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	28	250
Benzene	ND		3.3	25
Bromoform	ND		16	25
Bromomethane	ND		10	25
2-Butanone (MEK)	ND	*	14	250
Carbon disulfide	ND		3.3	25
Carbon tetrachloride	ND		3.3	25
Chlorobenzene	ND		3.8	25
Chlorodibromomethane	ND	*	4.5	25
Chloroethane	ND		7.3	25
Chloroform	ND		4.0	25
Chloromethane	ND		7.5	25
cis-1,2-Dichloroethene	82		4.3	25
cis-1,3-Dichloropropene	ND	*	3.5	25
1,2-Dibromo-3-Chloropropane	ND		17	50
1,2-Dichlorobenzene	ND		3.3	25
1,3-Dichlorobenzene	ND		3.5	25
1,4-Dichlorobenzene	ND		3.3	25
Dichlorobromomethane	ND	*	3.8	25
Dichlorodifluoromethane	ND		7.8	25
1,1-Dichloroethane	ND		3.8	25
1,2-Dichloroethane	ND		5.5	25
1,1-Dichloroethene	ND		4.8	25
1,2-Dichloropropane	ND		4.5	25
Ethylbenzene	ND		4.3	25
Ethylene Dibromide	ND	*	6.0	25
2-Hexanone	ND		10	250
Isopropylbenzene	ND		3.3	25
Methylene Chloride	ND		8.3	25
4-Methyl-2-pentanone (MIBK)	ND	*	8.0	250
Methyl tert-butyl ether	ND		4.3	25
Styrene	ND		2.8	25
1,1,2,2-Tetrachloroethane	ND		4.5	25
Tetrachloroethene	ND		7.3	25
Toluene	ND		3.3	25
trans-1,2-Dichloroethene	15	J	4.8	25
trans-1,3-Dichloropropene	ND	*	4.8	25
1,2,4-Trichlorobenzene	ND		3.8	25
1,1,1-Trichloroethane	ND		5.5	25
1,1,2-Trichloroethane	ND		6.8	25
Trichloroethene	1300		4.3	25
Trichlorofluoromethane	ND		5.3	25
Vinyl chloride	ND		5.5	25
Xylenes, Total	ND		3.5	50

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1481.D
Dilution:	25			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1643			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1643				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1481.D
Dilution:	25			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1643			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1643				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1530.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1246			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	27	J B	4.4	40
Benzene	ND		0.52	4.0
Bromoform	ND		2.6	4.0
Bromomethane	ND		1.6	4.0
2-Butanone (MEK)	ND	*	2.3	40
Carbon disulfide	ND		0.52	4.0
Carbon tetrachloride	ND		0.52	4.0
Chlorobenzene	ND		0.60	4.0
Chlorodibromomethane	ND		0.72	4.0
Chloroethane	ND		1.2	4.0
Chloroform	3.0	J	0.64	4.0
Chloromethane	ND		1.2	4.0
cis-1,2-Dichloroethene	190		0.68	4.0
cis-1,3-Dichloropropene	ND	*	0.56	4.0
1,2-Dibromo-3-Chloropropane	ND		2.7	8.0
1,2-Dichlorobenzene	ND		0.52	4.0
1,3-Dichlorobenzene	ND		0.56	4.0
1,4-Dichlorobenzene	ND		0.52	4.0
Dichlorobromomethane	ND		0.60	4.0
Dichlorodifluoromethane	ND		1.2	4.0
1,1-Dichloroethane	60		0.60	4.0
1,2-Dichloroethane	ND		0.88	4.0
1,1-Dichloroethene	8.4		0.76	4.0
1,2-Dichloropropane	ND		0.72	4.0
Ethylbenzene	ND		0.68	4.0
Ethylene Dibromide	ND		0.96	4.0
2-Hexanone	ND		1.6	40
Isopropylbenzene	ND		0.52	4.0
Methylene Chloride	ND		1.3	4.0
4-Methyl-2-pentanone (MIBK)	ND		1.3	40
Methyl tert-butyl ether	ND		0.68	4.0
Styrene	ND		0.44	4.0
1,1,2,2-Tetrachloroethane	ND		0.72	4.0
Tetrachloroethene	ND		1.2	4.0
Toluene	1.4	J	0.52	4.0
trans-1,2-Dichloroethene	2.3	J	0.76	4.0
trans-1,3-Dichloropropene	ND	*	0.76	4.0
1,2,4-Trichlorobenzene	ND		0.60	4.0
1,1,1-Trichloroethane	ND		0.88	4.0
1,1,2-Trichloroethane	ND		1.1	4.0
Trichloroethene	48		0.68	4.0
Trichlorofluoromethane	ND		0.84	4.0
Vinyl chloride	33		0.88	4.0
Xylenes, Total	ND		0.56	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1530.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1246			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1246				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	94		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1530.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1246			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1246				

Tentatively Identified Compounds **Number TIC's Found: 7**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.45	160	T J N
1120-21-4	Undecane	11.00	140	T J N
3221-61-2	Octane, 2-methyl-	11.19	74	T J N
104-76-7	1-Hexanol, 2-ethyl-	11.61	70	T J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.70	51	T J N
112-40-3	Dodecane	12.08	87	T J N
91-20-3	Naphthalene	12.77	73	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1482.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1705			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1705				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15	B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	1.6		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	6.5		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	0.52	J	0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	28		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	0.31	J	0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	1.0		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	8.5		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	2.7		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1482.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1705			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1705				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	103		75 - 121
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
Toluene-d8 (Surr)	98		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1482.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1705			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1705				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
6975-98-0	Decane, 2-methyl-	10.59	6.8	T J N
13151-34-3	Decane, 3-methyl-	10.68	7.5	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.91	8.5	T J N
1120-21-4	Undecane	11.00	31	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.09	8.4	T J N
62185-21-1	Octane, 3,4,5,6-tetramethyl-	11.20	16	T J N
3789-85-3	Benzoic acid, 2-[(trimethylsilyl)oxy]-,	11.41	6.1	T J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	5.4	T J N
4292-92-6	Cyclohexane, pentyl-	11.61	8.4	T J N
112-40-3	Dodecane	12.08	8.1	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1483.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1727			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	5.5	50
Benzene	ND		0.65	5.0
Bromoform	ND		3.2	5.0
Bromomethane	ND		2.1	5.0
2-Butanone (MEK)	ND	*	2.9	50
Carbon disulfide	ND		0.65	5.0
Carbon tetrachloride	ND		0.65	5.0
Chlorobenzene	ND		0.75	5.0
Chlorodibromomethane	ND	*	0.90	5.0
Chloroethane	ND		1.5	5.0
Chloroform	ND		0.80	5.0
Chloromethane	ND		1.5	5.0
cis-1,2-Dichloroethene	110		0.85	5.0
cis-1,3-Dichloropropene	ND	*	0.70	5.0
1,2-Dibromo-3-Chloropropane	ND		3.4	10
1,2-Dichlorobenzene	ND		0.65	5.0
1,3-Dichlorobenzene	ND		0.70	5.0
1,4-Dichlorobenzene	ND		0.65	5.0
Dichlorobromomethane	ND	*	0.75	5.0
Dichlorodifluoromethane	ND		1.6	5.0
1,1-Dichloroethane	14		0.75	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,1-Dichloroethene	4.9	J	0.95	5.0
1,2-Dichloropropane	ND		0.90	5.0
Ethylbenzene	ND		0.85	5.0
Ethylene Dibromide	ND	*	1.2	5.0
2-Hexanone	ND		2.1	50
Isopropylbenzene	ND		0.65	5.0
Methylene Chloride	ND		1.7	5.0
4-Methyl-2-pentanone (MIBK)	ND	*	1.6	50
Methyl tert-butyl ether	ND		0.85	5.0
Styrene	ND		0.55	5.0
1,1,2,2-Tetrachloroethane	ND		0.90	5.0
Tetrachloroethene	ND		1.5	5.0
Toluene	ND		0.65	5.0
trans-1,2-Dichloroethene	3.0	J	0.95	5.0
trans-1,3-Dichloropropene	ND	*	0.95	5.0
1,2,4-Trichlorobenzene	ND		0.75	5.0
1,1,1-Trichloroethane	ND		1.1	5.0
1,1,2-Trichloroethane	ND		1.4	5.0
Trichloroethene	310		0.85	5.0
Trichlorofluoromethane	ND		1.1	5.0
Vinyl chloride	7.5		1.1	5.0
Xylenes, Total	ND		0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1483.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1727			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1727				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1483.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1727			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1727				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	10.88	24	T J N
1120-21-4	Undecane	11.00	16	T J N
460-01-5	2,6-Dimethyl-1,3,5,7-octatetraene, E	11.19	29	T J N
2870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.25	20	T J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.39	24	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.65	19	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.70	28	T J N
6516-89-8	1H-1,5-Benzodiazepine, 2,3,4,5-tetrahydr	11.80	19	T J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.13	43	T J N
91-20-3	Naphthalene	12.77	23	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1484.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1749			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	11	J B *	5.5	50
Benzene	ND		0.65	5.0
Bromoform	ND		3.2	5.0
Bromomethane	ND		2.1	5.0
2-Butanone (MEK)	ND	*	2.9	50
Carbon disulfide	ND		0.65	5.0
Carbon tetrachloride	ND		0.65	5.0
Chlorobenzene	ND		0.75	5.0
Chlorodibromomethane	ND	*	0.90	5.0
Chloroethane	ND		1.5	5.0
Chloroform	ND		0.80	5.0
Chloromethane	ND		1.5	5.0
cis-1,2-Dichloroethene	120		0.85	5.0
cis-1,3-Dichloropropene	ND	*	0.70	5.0
1,2-Dibromo-3-Chloropropane	ND		3.4	10
1,2-Dichlorobenzene	ND		0.65	5.0
1,3-Dichlorobenzene	ND		0.70	5.0
1,4-Dichlorobenzene	ND		0.65	5.0
Dichlorobromomethane	ND	*	0.75	5.0
Dichlorodifluoromethane	ND		1.6	5.0
1,1-Dichloroethane	14		0.75	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,1-Dichloroethene	5.4		0.95	5.0
1,2-Dichloropropane	ND		0.90	5.0
Ethylbenzene	ND		0.85	5.0
Ethylene Dibromide	ND	*	1.2	5.0
2-Hexanone	ND		2.1	50
Isopropylbenzene	ND		0.65	5.0
Methylene Chloride	ND		1.7	5.0
4-Methyl-2-pentanone (MIBK)	ND	*	1.6	50
Methyl tert-butyl ether	ND		0.85	5.0
Styrene	ND		0.55	5.0
1,1,2,2-Tetrachloroethane	ND		0.90	5.0
Tetrachloroethene	ND		1.5	5.0
Toluene	ND		0.65	5.0
trans-1,2-Dichloroethene	3.5	J	0.95	5.0
trans-1,3-Dichloropropene	ND	*	0.95	5.0
1,2,4-Trichlorobenzene	ND		0.75	5.0
1,1,1-Trichloroethane	ND		1.1	5.0
1,1,2-Trichloroethane	ND		1.4	5.0
Trichloroethene	340		0.85	5.0
Trichlorofluoromethane	ND		1.1	5.0
Vinyl chloride	8.6		1.1	5.0
Xylenes, Total	ND		0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1484.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1749			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1749				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1484.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1749			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1749				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	10.88	22	T J N
1120-21-4	Undecane	11.00	13	T J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.18	26	T J N
2870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.25	18	T J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.39	27	T J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.56	13	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.65	18	T J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.70	27	T J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.13	42	T J N
91-20-3	Naphthalene	12.77	23	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1534.D
Dilution:	2.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1422			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1422				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	23	B	2.2	20
Benzene	ND		0.26	2.0
Bromoform	ND		1.3	2.0
Bromomethane	ND		0.82	2.0
2-Butanone (MEK)	ND	*	1.1	20
Carbon disulfide	0.30	J	0.26	2.0
Carbon tetrachloride	ND		0.26	2.0
Chlorobenzene	ND		0.30	2.0
Chlorodibromomethane	ND		0.36	2.0
Chloroethane	2.0		0.58	2.0
Chloroform	ND		0.32	2.0
Chloromethane	ND		0.60	2.0
cis-1,2-Dichloroethene	17		0.34	2.0
cis-1,3-Dichloropropene	ND	*	0.28	2.0
1,2-Dibromo-3-Chloropropane	ND		1.3	4.0
1,2-Dichlorobenzene	ND		0.26	2.0
1,3-Dichlorobenzene	ND		0.28	2.0
1,4-Dichlorobenzene	ND		0.26	2.0
Dichlorobromomethane	ND		0.30	2.0
Dichlorodifluoromethane	ND		0.62	2.0
1,1-Dichloroethane	3.2		0.30	2.0
1,2-Dichloroethane	ND		0.44	2.0
1,1-Dichloroethene	ND		0.38	2.0
1,2-Dichloropropane	ND		0.36	2.0
Ethylbenzene	1.2	J	0.34	2.0
Ethylene Dibromide	ND		0.48	2.0
2-Hexanone	ND		0.82	20
Isopropylbenzene	ND		0.26	2.0
Methylene Chloride	ND		0.66	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.64	20
Methyl tert-butyl ether	ND		0.34	2.0
Styrene	ND		0.22	2.0
1,1,2,2-Tetrachloroethane	ND		0.36	2.0
Tetrachloroethene	ND		0.58	2.0
Toluene	0.36	J	0.26	2.0
trans-1,2-Dichloroethene	1.1	J	0.38	2.0
trans-1,3-Dichloropropene	ND	*	0.38	2.0
1,2,4-Trichlorobenzene	ND		0.30	2.0
1,1,1-Trichloroethane	ND		0.44	2.0
1,1,2-Trichloroethane	ND		0.54	2.0
Trichloroethene	10		0.34	2.0
Trichlorofluoromethane	ND		0.42	2.0
Vinyl chloride	2.2		0.44	2.0
Xylenes, Total	1.1	J	0.28	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1534.D
Dilution:	2.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1422			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1422				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	93		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1534.D
Dilution:	2.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1422			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1422				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.45	150	T J N
2847-72-5	Decane, 4-methyl-	10.13	49	T J N
91-17-8	Naphthalene, decahydro-	10.92	120	T J N
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	11.03	90	T J N
1000192-41-3	4-Methyl-dodecan-1-ol	11.10	120	T J N
4126-78-7	Cycloheptane, methyl-	11.22	160	T J N
17312-54-8	Decane, 3,7-dimethyl-	11.35	78	T J N
13837-66-6	m-Menthane, (1S,3R)-(+)-	11.49	56	T J N
1000152-47-3	trans-Decalin, 2-methyl-	11.56	57	T J N
4292-92-6	Cyclohexane, pentyl-	11.62	70	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1485.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1812			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.7	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.23	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	2.3		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	25		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1485.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1812			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1812				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		66 - 117
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	96		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1485.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1812			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1812				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
1678-91-7	Cyclohexane, ethyl-	11.61	3.6	T J N
4413-21-2	Cyclopentane, 1,1'-ethylidenebis-	12.14	4.3	T J N
17301-23-4	Undecane, 2,6-dimethyl-	12.24	6.3	T J N
2530-17-8	2(1H)-Naphthalenone, octahydro-8a-methyl	12.31	4.2	T J N
4292-75-5	Cyclohexane, hexyl-	12.70	6.7	T J N
26730-14-3	Tridecane, 7-methyl-	12.84	7.4	T J N
62199-52-4	Cyclopentane, 1,2-dibutyl-	12.94	3.4	T J N
55282-34-3	Cyclohexane, 1,3,5-trimethyl-2-octadecyl	13.73	3.1	T J N
55282-11-6	Heneicosane, 11-(1-ethylpropyl)-	13.80	3.1	T J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.05	4.9	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-107644	Lab File ID:	UX88401.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	10/30/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	10/29/2013 1430				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		39		6.4	20
Benzene		ND		0.24	5.1
Bromoform		ND		0.34	5.1
Bromomethane		ND		0.55	5.1
2-Butanone (MEK)		ND		1.4	20
Carbon disulfide		0.73	J	0.45	5.1
Carbon tetrachloride		ND		0.38	5.1
Chlorobenzene		ND		0.34	5.1
Chlorodibromomethane		ND		0.56	5.1
Chloroethane		ND		0.88	5.1
Chloroform		ND		0.30	5.1
Chloromethane		ND		0.42	5.1
cis-1,2-Dichloroethene		7.7		0.37	5.1
cis-1,3-Dichloropropene		ND		0.35	5.1
1,2-Dibromo-3-Chloropropane		ND	*	1.3	10
1,2-Dichlorobenzene		ND	*	0.37	5.1
1,3-Dichlorobenzene		ND	*	0.36	5.1
1,4-Dichlorobenzene		ND	*	0.67	5.1
Dichlorobromomethane		ND		0.29	5.1
Dichlorodifluoromethane		ND		0.51	5.1
1,1-Dichloroethane		ND		0.37	5.1
1,2-Dichloroethane		ND		0.35	5.1
1,1-Dichloroethene		ND		0.53	5.1
1,2-Dichloropropane		ND		0.71	5.1
Ethylbenzene		ND		0.27	5.1
Ethylene Dibromide		ND		0.51	5.1
2-Hexanone		ND		0.64	20
Isopropylbenzene		ND		0.16	5.1
Methylene Chloride		ND		0.69	5.1
4-Methyl-2-pentanone (MIBK)		ND		0.55	20
Methyl tert-butyl ether		ND		0.44	5.1
Styrene		ND		0.15	5.1
1,1,2,2-Tetrachloroethane		ND	*	0.35	5.1
Tetrachloroethene		ND		0.53	5.1
Toluene		ND		0.28	5.1
trans-1,2-Dichloroethene		ND		0.42	5.1
trans-1,3-Dichloropropene		ND		0.55	5.1
1,2,4-Trichlorobenzene		ND	*	0.28	5.1
1,1,1-Trichloroethane		ND		0.57	5.1
1,1,2-Trichloroethane		ND		0.40	5.1
Trichloroethene		72		0.43	5.1
Trichlorofluoromethane		ND		0.35	5.1
Vinyl chloride		0.52	J	0.40	5.1
Xylenes, Total		ND		0.36	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-107644	Lab File ID:	UX88401.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	10/30/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	10/29/2013 1430				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	149	X	52 - 136
Dibromofluoromethane (Surr)	92		37 - 132
1,2-Dichloroethane-d4 (Surr)	94		58 - 123
Toluene-d8 (Surr)	115		67 - 125

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-107644	Lab File ID:	UX88401.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	10/30/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	10/29/2013 1430				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	6.71	140	T J N
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	7.26	320	T J N
2216-34-4	Octane, 4-methyl-	7.45	310	T J N
6236-88-0	Cyclohexane, 1-ethyl-4-methyl-, trans-	7.94	280	T J N
19489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	8.22	460	T J N
2051-30-1	Octane, 2,6-dimethyl-	8.38	460	T J N
3868-64-2	Pentalene, octahydro-2-methyl-	8.45	400	T J N
1000151-39-4	Cyclooctane, 1-methyl-3-propyl-	8.51	700	T J N
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	9.15	140	T J N
5881-17-4	Octane, 3-ethyl-	9.89	240	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1486.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1834			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.85	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	2.6		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	0.34	J *	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1486.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1834			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1834				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1486.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1834			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1834				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
1066-40-6	Silanol, trimethyl-	4.50	4.1	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104017.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/04/2013 1644			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.9
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.9
2,4-Dinitrotoluene	ND		0.24	4.9
2-Chlorophenol	ND		0.28	0.97
2-Methylnaphthalene	ND		0.088	0.19
2-Methylphenol	ND		0.17	0.97
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.78	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.9
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.9
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.047	0.19
Acetophenone	ND		0.33	0.97
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.029	0.19
Benzo[a]pyrene	ND		0.050	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.97
Bis(2-chloroethyl)ether	ND		0.097	0.97
Bis(2-ethylhexyl) phthalate	0.26	J B	0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.97
Chrysene	ND		0.049	0.19
Di-n-butyl phthalate	ND		0.65	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.97
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	0.19		0.043	0.19
Fluorene	0.10	J	0.039	0.19
Hexachlorobenzene	ND		0.083	0.19
Hexachlorobutadiene	ND		0.26	0.97
Hexachlorocyclopentadiene	ND		0.23	9.7

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104017.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/04/2013 1644			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.97
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.97
N-Nitrosodi-n-propylamine	ND		0.23	0.97
N-Nitrosodiphenylamine	ND		0.30	0.97
Naphthalene	0.16	J	0.061	0.19
Nitrobenzene	ND		0.039	0.97
Pentachlorophenol	ND		0.26	4.9
Phenanthrene	0.14	J	0.060	0.19
Phenol	ND		0.58	0.97
Pyrene	0.13	J	0.041	0.19
bis (2-chloroisopropyl) ether	ND		0.39	0.97
2,6-Dinitrotoluene	ND		0.78	4.9
4-Nitrophenol	ND		0.28	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	75		24 - 110
Phenol-d5 (Surr)	64		21 - 110
Nitrobenzene-d5 (Surr)	64		21 - 110
2-Fluorophenol (Surr)	62		10 - 110
2-Fluorobiphenyl (Surr)	64		20 - 110
2,4,6-Tribromophenol (Surr)	80		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/04/2013 1709			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.96
2-Methylnaphthalene	0.40		0.087	0.19
2-Methylphenol	ND		0.16	0.96
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.77	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	13		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	ND		0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.96
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	ND		0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.96
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.082	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.23	9.6

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/04/2013 1709			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.96
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.96
N-Nitrosodi-n-propylamine	ND		0.23	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
Naphthalene	2.3		0.060	0.19
Nitrobenzene	ND		0.038	0.96
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.96
2,6-Dinitrotoluene	ND		0.77	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	82		24 - 110
Phenol-d5 (Surr)	74		21 - 110
Nitrobenzene-d5 (Surr)	67		21 - 110
2-Fluorophenol (Surr)	68		10 - 110
2-Fluorobiphenyl (Surr)	73		20 - 110
2,4,6-Tribromophenol (Surr)	95		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/08/2013 1640			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.96
2-Methylnaphthalene	ND		0.087	0.19
2-Methylphenol	ND		0.16	0.96
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.77	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	ND		0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.96
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	ND		0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.96
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.082	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.23	9.6

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/08/2013 1640			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.96
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.96
N-Nitrosodi-n-propylamine	ND		0.23	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
Naphthalene	ND		0.060	0.19
Nitrobenzene	ND		0.038	0.96
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.96
2,6-Dinitrotoluene	ND		0.77	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	59		24 - 110
Phenol-d5 (Surr)	71		21 - 110
Nitrobenzene-d5 (Surr)	70		21 - 110
2-Fluorophenol (Surr)	70		10 - 110
2-Fluorobiphenyl (Surr)	71		20 - 110
2,4,6-Tribromophenol (Surr)	94		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108029.D
Dilution:	4.0			Initial Weight/Volume:	1010 mL
Analysis Date:	11/08/2013 2115			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.95	20
2,4,5-Trichlorophenol	ND		1.2	20
2,4-Dichlorophenol	ND		0.75	7.9
2,4-Dimethylphenol	ND		0.99	7.9
2,4-Dinitrophenol	ND		1.3	20
2,4-Dinitrotoluene	ND		0.99	20
2-Chlorophenol	ND		1.1	4.0
2-Methylnaphthalene	9.1		0.36	0.79
2-Methylphenol	ND		0.67	4.0
2-Nitroaniline	ND		0.83	7.9
2-Nitrophenol	ND		1.1	7.9
3 & 4 Methylphenol	ND		3.2	7.9
3,3'-Dichlorobenzidine	ND		1.5	20
3-Nitroaniline	ND		1.1	7.9
4,6-Dinitro-2-methylphenol	ND		9.5	20
4-Bromophenyl phenyl ether	ND		0.87	7.9
4-Chloro-3-methylphenol	2.6	J	0.83	7.9
4-Chloroaniline	ND		0.83	7.9
4-Chlorophenyl phenyl ether	ND		1.2	7.9
4-Nitroaniline	ND		0.87	7.9
Acenaphthene	ND		0.18	0.79
Acenaphthylene	ND		0.19	0.79
Acetophenone	ND		1.3	4.0
Anthracene	ND		0.35	0.79
Benzo[a]anthracene	ND		0.12	0.79
Benzo[a]pyrene	ND		0.20	0.79
Benzo[b]fluoranthene	ND		0.16	0.79
Benzo[g,h,i]perylene	ND		0.18	0.79
Benzo[k]fluoranthene	ND		0.18	0.79
Bis(2-chloroethoxy)methane	ND		1.3	4.0
Bis(2-chloroethyl)ether	ND		0.40	4.0
Bis(2-ethylhexyl) phthalate	ND		0.87	7.9
Butyl benzyl phthalate	ND		1.0	7.9
Carbazole	1.3	J	1.1	4.0
Chrysene	ND		0.20	0.79
Di-n-butyl phthalate	ND		2.7	7.9
Di-n-octyl phthalate	ND		0.91	7.9
Dibenz(a,h)anthracene	ND		0.18	0.79
Dibenzofuran	ND		0.079	4.0
Diethyl phthalate	ND		2.4	7.9
Dimethyl phthalate	ND		1.1	7.9
Fluoranthene	ND		0.18	0.79
Fluorene	ND		0.16	0.79
Hexachlorobenzene	ND		0.34	0.79
Hexachlorobutadiene	ND		1.1	4.0
Hexachlorocyclopentadiene	ND		0.95	40

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108029.D
Dilution:	4.0			Initial Weight/Volume:	1010 mL
Analysis Date:	11/08/2013 2115			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.75	4.0
Indeno[1,2,3-cd]pyrene	ND		0.17	0.79
Isophorone	ND		1.1	4.0
N-Nitrosodi-n-propylamine	ND		0.95	4.0
N-Nitrosodiphenylamine	ND		1.2	4.0
Naphthalene	52		0.25	0.79
Nitrobenzene	ND		0.16	4.0
Pentachlorophenol	ND		1.1	20
Phenanthrene	ND		0.25	0.79
Phenol	ND		2.4	4.0
Pyrene	ND		0.17	0.79
bis (2-chloroisopropyl) ether	ND		1.6	4.0
2,6-Dinitrotoluene	ND		3.2	20
4-Nitrophenol	ND		1.1	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	72		24 - 110
Phenol-d5 (Surr)	65		21 - 110
Nitrobenzene-d5 (Surr)	67		21 - 110
2-Fluorophenol (Surr)	59		10 - 110
2-Fluorobiphenyl (Surr)	62		20 - 110
2,4,6-Tribromophenol (Surr)	82		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-108118	Instrument ID:	A2HP6F
Prep Method:	3520C	Prep Batch:	240-107680	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/02/2013 0441			Injection Volume:	1 uL
Prep Date:	10/30/2013 0900			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	680		230	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	90		40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-109887	Instrument ID:	A2HP6R
Prep Method:	3520C	Prep Batch:	240-107847	Initial Weight/Volume:	940 mL
Dilution:	5.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/15/2013 1812			Injection Volume:	1 uL
Prep Date:	10/31/2013 0834			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	9100		1300	2700

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	82		40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Prep Method:	3520C	Prep Batch:	240-107847	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/12/2013 2117			Injection Volume:	1 uL
Prep Date:	10/31/2013 0834			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	2800		230	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	88		40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-109887	Instrument ID:	A2HP6R
Prep Method:	3520C	Prep Batch:	240-107847	Initial Weight/Volume:	900 mL
Dilution:	500			Final Weight/Volume:	36.0 mL
Analysis Date:	11/15/2013 1843			Injection Volume:	1 uL
Prep Date:	10/31/2013 0834			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	25000000		950000	2000000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	272	X	40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107685	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/08/2013 0242			Injection Volume:	1 uL
Prep Date:	10/30/2013 0911			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0079	0.048
alpha-BHC	ND		0.0067	0.048
alpha-Chlordane	ND		0.013	0.048
beta-BHC	ND		0.0081	0.048
4,4'-DDD	ND		0.0092	0.048
4,4'-DDE	ND		0.0093	0.048
4,4'-DDT	ND	*	0.015	0.048
delta-BHC	ND		0.0084	0.048
Dieldrin	ND		0.0072	0.048
Endosulfan I	ND		0.013	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.011	0.048
Endrin	ND		0.011	0.048
Endrin aldehyde	ND		0.011	0.048
Endrin ketone	ND		0.0075	0.048
gamma-BHC (Lindane)	ND		0.0062	0.048
gamma-Chlordane	ND		0.012	0.048
Heptachlor	ND		0.0077	0.048
Heptachlor epoxide	ND		0.0068	0.048
Methoxychlor	ND		0.031	0.096
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		30 - 121
Tetrachloro-m-xylene	77		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107685	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/08/2013 0242			Injection Volume:	1 uL
Prep Date:	10/30/2013 0911			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		30 - 121
Tetrachloro-m-xylene	76		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2158			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0080	0.049
alpha-BHC	0.011	J	0.0069	0.049
alpha-Chlordane	ND		0.014	0.049
beta-BHC	ND		0.0082	0.049
4,4'-DDD	ND		0.0094	0.049
4,4'-DDE	ND		0.0095	0.049
4,4'-DDT	ND		0.016	0.049
delta-BHC	ND		0.0085	0.049
Dieldrin	ND		0.0074	0.049
Endosulfan I	ND		0.013	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.011	0.049
Endrin	ND		0.011	0.049
Endrin aldehyde	ND		0.011	0.049
Endrin ketone	ND		0.0076	0.049
gamma-BHC (Lindane)	ND		0.0063	0.049
gamma-Chlordane	ND		0.012	0.049
Heptachlor	ND		0.0078	0.049
Heptachlor epoxide	ND		0.0070	0.049
Methoxychlor	ND		0.031	0.098
Toxaphene	ND		0.31	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	33		30 - 121
Tetrachloro-m-xylene	58		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2158			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	30		30 - 121
Tetrachloro-m-xylene	63		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2218			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	18	X	30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2218			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	18	X	30 - 121
Tetrachloro-m-xylene	63		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2238			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0079	0.048
alpha-BHC	ND		0.0067	0.048
alpha-Chlordane	ND		0.013	0.048
beta-BHC	ND		0.0081	0.048
4,4'-DDD	ND		0.0092	0.048
4,4'-DDE	ND		0.0093	0.048
4,4'-DDT	ND		0.015	0.048
delta-BHC	ND		0.0084	0.048
Dieldrin	ND		0.0072	0.048
Endosulfan I	ND		0.013	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.011	0.048
Endrin	ND		0.011	0.048
Endrin aldehyde	ND		0.011	0.048
Endrin ketone	ND		0.0075	0.048
gamma-BHC (Lindane)	ND		0.0062	0.048
gamma-Chlordane	ND		0.012	0.048
Heptachlor	ND		0.0077	0.048
Heptachlor epoxide	ND		0.0068	0.048
Methoxychlor	ND		0.031	0.096
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	20	X	30 - 121
Tetrachloro-m-xylene	80		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2238			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	19	X	30 - 121
Tetrachloro-m-xylene	108		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2258			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0086	0.053
alpha-BHC	ND		0.0074	0.053
alpha-Chlordane	ND		0.015	0.053
beta-BHC	ND		0.0088	0.053
4,4'-DDD	ND		0.010	0.053
4,4'-DDE	ND		0.010	0.053
4,4'-DDT	ND		0.017	0.053
delta-BHC	0.037	J	0.0092	0.053
Dieldrin	ND		0.0079	0.053
Endosulfan I	ND		0.014	0.053
Endosulfan II	ND		0.013	0.053
Endosulfan sulfate	ND		0.012	0.053
Endrin	ND		0.012	0.053
Endrin aldehyde	ND		0.012	0.053
Endrin ketone	ND		0.0082	0.053
gamma-BHC (Lindane)	0.016	J	0.0067	0.053
gamma-Chlordane	ND		0.013	0.053
Heptachlor	ND		0.0084	0.053
Heptachlor epoxide	ND		0.0075	0.053
Methoxychlor	ND		0.034	0.11
Toxaphene	ND		0.34	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26	X	30 - 121
Tetrachloro-m-xylene	62		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2258			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	27	X	30 - 121
Tetrachloro-m-xylene	70		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2319			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	30		30 - 121
Tetrachloro-m-xylene	70		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2319			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26	X	30 - 121
Tetrachloro-m-xylene	78		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0714			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.19
alpha-BHC	ND		0.027	0.19
alpha-Chlordane	ND		0.054	0.19
beta-BHC	ND		0.032	0.19
4,4'-DDD	ND		0.037	0.19
4,4'-DDE	ND		0.037	0.19
4,4'-DDT	ND		0.062	0.19
delta-BHC	ND		0.033	0.19
Dieldrin	ND		0.029	0.19
Endosulfan I	ND		0.050	0.19
Endosulfan II	ND		0.046	0.19
Endosulfan sulfate	ND		0.042	0.19
Endrin	ND		0.042	0.19
Endrin aldehyde	ND		0.042	0.19
Endrin ketone	ND		0.030	0.19
gamma-BHC (Lindane)	ND		0.025	0.19
gamma-Chlordane	ND		0.046	0.19
Heptachlor	ND		0.031	0.19
Heptachlor epoxide	ND		0.027	0.19
Methoxychlor	ND	*	0.12	0.38
Toxaphene	ND		1.2	7.7

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		30 - 121
Tetrachloro-m-xylene	77		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0714			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	910 mL
Dilution:	500			Final Weight/Volume:	5.0 mL
Analysis Date:	11/16/2013 1431			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		4.5	27
alpha-BHC	ND		3.8	27
alpha-Chlordane	ND		7.7	27
beta-BHC	ND		4.6	27
4,4'-DDD	ND		5.3	27
4,4'-DDE	ND		5.3	27
4,4'-DDT	ND		8.8	27
delta-BHC	ND		4.8	27
Dieldrin	ND		4.1	27
Endosulfan I	ND		7.1	27
Endosulfan II	ND		6.6	27
Endosulfan sulfate	ND		6.0	27
Endrin	ND		6.0	27
Endrin aldehyde	ND		6.0	27
Endrin ketone	ND		4.3	27
gamma-BHC (Lindane)	ND		3.5	27
gamma-Chlordane	ND		6.6	27
Heptachlor	ND		4.4	27
Heptachlor epoxide	ND		3.9	27
Methoxychlor	ND		18	55
Toxaphene	ND		180	1100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 121
Tetrachloro-m-xylene	0	X	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	910 mL
Dilution:	500			Final Weight/Volume:	5.0 mL
Analysis Date:	11/16/2013 1431			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 121
Tetrachloro-m-xylene	0	X	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0735			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.19
alpha-BHC	ND		0.027	0.19
alpha-Chlordane	ND		0.054	0.19
beta-BHC	ND		0.032	0.19
4,4'-DDD	ND		0.037	0.19
4,4'-DDE	ND		0.037	0.19
4,4'-DDT	ND		0.062	0.19
delta-BHC	ND		0.033	0.19
Dieldrin	ND		0.029	0.19
Endosulfan I	ND		0.050	0.19
Endosulfan II	ND		0.046	0.19
Endosulfan sulfate	ND		0.042	0.19
Endrin	ND		0.042	0.19
Endrin aldehyde	ND		0.042	0.19
Endrin ketone	ND		0.030	0.19
gamma-BHC (Lindane)	ND		0.025	0.19
gamma-Chlordane	ND		0.046	0.19
Heptachlor	ND		0.031	0.19
Heptachlor epoxide	ND		0.027	0.19
Methoxychlor	ND	*	0.12	0.38
Toxaphene	ND		1.2	7.7

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	53		30 - 121
Tetrachloro-m-xylene	75		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0735			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		30 - 121
Tetrachloro-m-xylene	83		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-107701	Initial Weight/Volume:	30.44 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/21/2013 0252			Injection Volume:	1 uL
Prep Date:	10/30/2013 0938			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		74	100
alpha-BHC		ND		45	100
alpha-Chlordane		ND		58	100
beta-BHC		ND		68	100
4,4'-DDD		ND		38	100
4,4'-DDE		ND		24	100
4,4'-DDT		ND		39	100
delta-BHC		ND		74	100
Dieldrin		ND		29	100
Endosulfan I		ND		32	100
Endosulfan II		ND		50	100
Endosulfan sulfate		ND		54	100
Endrin		ND		31	100
Endrin aldehyde		ND		61	100
Endrin ketone		ND		39	100
gamma-BHC (Lindane)		ND		46	100
gamma-Chlordane		ND		26	100
Heptachlor		ND		68	100
Heptachlor epoxide		ND		49	100
Methoxychlor		ND		92	200
Toxaphene		ND		1200	4100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	0	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-107701	Initial Weight/Volume:	30.44 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/21/2013 0252			Injection Volume:	1 uL
Prep Date:	10/30/2013 0938			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	0	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0835			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.033	0.20
alpha-BHC	ND		0.028	0.20
alpha-Chlordane	ND		0.056	0.20
beta-BHC	ND		0.034	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.039	0.20
4,4'-DDT	ND		0.064	0.20
delta-BHC	ND		0.035	0.20
Dieldrin	ND		0.030	0.20
Endosulfan I	ND		0.052	0.20
Endosulfan II	ND		0.048	0.20
Endosulfan sulfate	ND		0.044	0.20
Endrin	ND		0.044	0.20
Endrin aldehyde	ND		0.044	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.026	0.20
gamma-Chlordane	ND		0.048	0.20
Heptachlor	ND		0.032	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.40
Toxaphene	ND		1.3	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 121
Tetrachloro-m-xylene	79		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0835			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		30 - 121
Tetrachloro-m-xylene	84		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1616			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.13	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.096	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	ND		0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		10 - 130
Tetrachloro-m-xylene	83		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1616			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		10 - 130
Tetrachloro-m-xylene	81		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1630			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.49
Aroclor-1221	ND		0.13	0.49
Aroclor-1232	ND		0.16	0.49
Aroclor-1242	ND		0.22	0.49
Aroclor-1248	ND		0.098	0.49
Aroclor-1254	ND		0.16	0.49
Aroclor-1260	ND		0.17	0.49
Aroclor-1262	ND		0.15	0.49
Aroclor-1268	ND		0.24	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	23		10 - 130
Tetrachloro-m-xylene	63		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1630			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	28		10 - 130
Tetrachloro-m-xylene	60		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1644			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	16		10 - 130
Tetrachloro-m-xylene	73		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1644			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	19		10 - 130
Tetrachloro-m-xylene	71		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1658			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.13	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.096	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	ND		0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	16		10 - 130
Tetrachloro-m-xylene	82		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1658			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	22		10 - 130
Tetrachloro-m-xylene	73		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-108267	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-107697	Initial Weight/Volume:	30.44 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 1237			Injection Volume:	1 uL
Prep Date:	10/30/2013 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		1300	2000
Aroclor-1221		ND		980	2000
Aroclor-1232		ND		860	2000
Aroclor-1242		ND		800	2000
Aroclor-1248		ND		1000	2000
Aroclor-1254		ND		1000	2000
Aroclor-1260		ND		1000	2000
Aroclor-1262		ND		1700	2000
Aroclor-1268		ND		860	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0909			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	180	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1652			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0913			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	620	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1654			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0917			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	9.9	J	3.2	15
Barium	300	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	23		2.2	10
Lead	11		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1655			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0911			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	9.0	J	3.2	15
Barium	180	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	9.4	J	2.2	10
Lead	2.7	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1259			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0944			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	6.8	J	3.2	15
Barium	180	J	0.67	200
Cadmium	0.70	J	0.66	5.0
Chromium	20		2.2	10
Lead	6.9	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1310			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0948			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	5.6	J	3.2	15
Barium	160	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	5.0	J	2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1311			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0952			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	3.6	J	3.2	15
Barium	170	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	5.8	J	2.2	10
Lead	2.2	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1312			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0956			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	34		3.2	15
Barium	1100		0.67	200
Cadmium	ND		0.66	5.0
Chromium	19		2.2	10
Lead	7.7	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1314			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1000			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	55		3.2	15
Barium	1300		0.67	200
Cadmium	1.1	J	0.66	5.0
Chromium	140		2.2	10
Lead	82		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1316			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.33		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-109151	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-108833	Lab File ID:	I9110813A.asc
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	11/08/2013 1212			Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1134				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		5.2		0.32	1.6
Barium		110	B	0.076	22
Cadmium		0.045	J	0.039	0.54
Chromium		20		0.22	1.1
Lead		8.8		0.20	1.1
Selenium		ND		0.48	2.2
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-109191	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-108834	Lab File ID:	110813A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	11/08/2013 1511			Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1510				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.028	J	0.021	0.14

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1004			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	6.4	J	3.2	15
Barium	100	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1317			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

General Chemistry

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615

Client Matrix: Solid Date Received: 10/29/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-107543	Analysis Date: 10/29/2013 1757						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-107543	Analysis Date: 10/29/2013 1757						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	*	ISTD response or retention time outside acceptable limits
	*	LCS or LCSD exceeds the control limits
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-107042					
MB 240-107042/2-A	Method Blank	T	Solid	5035	
Prep Batch: 240-107644					
240-30764-11	CARMW29S11	T	Solid	5035	
Analysis Batch:240-107648					
LCS 240-107648/5	Lab Control Sample	T	Solid	8260C	
MB 240-107042/2-A	Method Blank	T	Solid	8260C	240-107042
240-30764-11	CARMW29S11	T	Solid	8260C	240-107644
Analysis Batch:240-108601					
LCS 240-108601/4	Lab Control Sample	T	Water	8260C	
MB 240-108601/6	Method Blank	T	Water	8260C	
240-30764-1	CARSSIPZ02G20131024	T	Water	8260C	
240-30764-2	CARTRIP20131025	T	Water	8260C	
240-30764-3	CARMW32G20131025	T	Water	8260C	
240-30764-4	CARSSIPZ01G20131026	T	Water	8260C	
240-30764-6	CARDCDPZ01G20131027	T	Water	8260C	
240-30764-7	CARMW31G20131027	T	Water	8260C	
240-30764-8	CARMW31H20131027	T	Water	8260C	
240-30764-10	CARSSIPZ03G20131028	T	Water	8260C	
240-30764-12	CARMW35DG20131028	T	Water	8260C	
Analysis Batch:240-108758					
LCS 240-108758/4	Lab Control Sample	T	Water	8260C	
MB 240-108758/6	Method Blank	T	Water	8260C	
240-30764-5	CARMW33G20131026	T	Water	8260C	
240-30764-5MS	Matrix Spike	T	Water	8260C	
240-30764-5MSD	Matrix Spike Duplicate	T	Water	8260C	
240-30764-9	CARDCDPZ04G20131027	T	Water	8260C	

Report Basis

T = Total

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-107842					
LCS 240-107842/24-A	Lab Control Sample	T	Water	3520C	
MB 240-107842/23-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
240-30764-3	CARMW32G20131025	T	Water	3520C	
Prep Batch: 240-108039					
LCS 240-108039/20-A	Lab Control Sample	T	Water	3520C	
MB 240-108039/19-A	Method Blank	T	Water	3520C	
240-30764-4	CARSSIPZ01G20131026	T	Water	3520C	
240-30764-5	CARMW33G20131026	T	Water	3520C	
Analysis Batch:240-108259					
LCS 240-107842/24-A	Lab Control Sample	T	Water	8270D	240-107842
MB 240-107842/23-A	Method Blank	T	Water	8270D	240-107842
240-30764-1	CARSSIPZ02G20131024	T	Water	8270D	240-107842
240-30764-3	CARMW32G20131025	T	Water	8270D	240-107842
Analysis Batch:240-108980					
LCS 240-108039/20-A	Lab Control Sample	T	Water	8270D	240-108039
MB 240-108039/19-A	Method Blank	T	Water	8270D	240-108039
240-30764-4	CARSSIPZ01G20131026	T	Water	8270D	240-108039
240-30764-5	CARMW33G20131026	T	Water	8270D	240-108039

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-107680					
LCS 240-107680/17-A	Lab Control Sample	T	Water	3520C	
MB 240-107680/16-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
Prep Batch: 240-107685					
MB 240-107685/11-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
Prep Batch: 240-107697					
LCS 240-107697/20-A	Lab Control Sample	T	Solid	3540C	
MB 240-107697/19-A	Method Blank	T	Solid	3540C	
240-30764-11	CARMW29S11	T	Solid	3540C	
Prep Batch: 240-107701					
LCS 240-107701/13-A	Lab Control Sample	T	Solid	3540C	
MB 240-107701/12-A	Method Blank	T	Solid	3540C	
240-30764-11	CARMW29S11	T	Solid	3540C	
Prep Batch: 240-107847					
LCS 240-107847/7-A	Lab Control Sample	T	Water	3520C	
MB 240-107847/6-A	Method Blank	T	Water	3520C	
240-30764-6	CARDCDPZ01G20131027	T	Water	3520C	
240-30764-7	CARMW31G20131027	T	Water	3520C	
240-30764-9	CARDCDPZ04G20131027	T	Water	3520C	
Prep Batch: 240-107849					
LCS 240-107849/15-A	Lab Control Sample	T	Water	3520C	
MB 240-107849/14-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
240-30764-3	CARMW32G20131025	T	Water	3520C	
240-30764-4	CARSSIPZ01G20131026	T	Water	3520C	
240-30764-5	CARMW33G20131026	T	Water	3520C	
Prep Batch: 240-107853					
LCS 240-107853/11-A	Lab Control Sample	T	Water	3520C	
MB 240-107853/10-A	Method Blank	T	Water	3520C	
240-30764-3	CARMW32G20131025	T	Water	3520C	
240-30764-4	CARSSIPZ01G20131026	T	Water	3520C	
240-30764-5	CARMW33G20131026	T	Water	3520C	
240-30764-6	CARDCDPZ01G20131027	T	Water	3520C	
240-30764-7	CARMW31G20131027	T	Water	3520C	
240-30764-9	CARDCDPZ04G20131027	T	Water	3520C	

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-108010					
LCS 240-107697/20-A	Lab Control Sample	T	Solid	8082A	240-107697
MB 240-107697/19-A	Method Blank	T	Solid	8082A	240-107697
Prep Batch: 240-108045					
LCS 240-108045/20-A	Lab Control Sample	T	Water	3520C	
MB 240-108045/19-A	Method Blank	T	Water	3520C	
240-30764-8	CARMW31H20131027	T	Water	3520C	
240-30764-10	CARSSIPZ03G20131028	T	Water	3520C	
240-30764-12	CARMW35DG20131028	T	Water	3520C	
Analysis Batch:240-108118					
PB 240-108118/4	Preparation / Extraction Blank	T	Water	8015C	
LCS 240-107680/17-A	Lab Control Sample	T	Water	8015C	240-107680
240-30764-1	CARSSIPZ02G20131024	T	Water	8015C	240-107680
Analysis Batch:240-108267					
240-30764-11	CARMW29S11	T	Solid	8082A	240-107697
Analysis Batch:240-108728					
MB 240-107680/16-A	Method Blank	T	Water	8015C	240-107680
Analysis Batch:240-108840					
LCS 240-107849/15-A	Lab Control Sample	T	Water	8082A	240-107849
MB 240-107849/14-A	Method Blank	T	Water	8082A	240-107849
Analysis Batch:240-108872					
PB 240-108872/3	Preparation / Extraction Blank	T	Water	8081B	
MB 240-107685/11-A	Method Blank	T	Water	8081B	240-107685
LCS 240-107701/13-A	Lab Control Sample	T	Solid	8081B	240-107701
MB 240-107701/12-A	Method Blank	T	Solid	8081B	240-107701
240-30764-1	CARSSIPZ02G20131024	T	Water	8081B	240-107685
Analysis Batch:240-109145					
PB 240-109145/3	Preparation / Extraction Blank	T	Water	8081B	
LCS 240-108045/20-A	Lab Control Sample	T	Water	8081B	240-108045
MB 240-108045/19-A	Method Blank	T	Water	8081B	240-108045
240-30764-8	CARMW31H20131027	T	Water	8081B	240-108045
240-30764-10	CARSSIPZ03G20131028	T	Water	8081B	240-108045
240-30764-12	CARMW35DG20131028	T	Water	8081B	240-108045

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-109284					
PB 240-109284/1	Preparation / Extraction Blank	T	Water	8082A	
240-30764-1	CARSSIPZ02G20131024	T	Water	8082A	240-107849
240-30764-3	CARMW32G20131025	T	Water	8082A	240-107849
240-30764-4	CARSSIPZ01G20131026	T	Water	8082A	240-107849
240-30764-5	CARMW33G20131026	T	Water	8082A	240-107849
Analysis Batch:240-109436					
PB 240-109436/3	Preparation / Extraction Blank	T	Water	8015C	
LCS 240-107847/7-A	Lab Control Sample	T	Water	8015C	240-107847
MB 240-107847/6-A	Method Blank	T	Water	8015C	240-107847
240-30764-7	CARMW31G20131027	T	Water	8015C	240-107847
Analysis Batch:240-109887					
240-30764-6	CARDCDPZ01G20131027	T	Water	8015C	240-107847
240-30764-9	CARDCDPZ04G20131027	T	Water	8015C	240-107847
Analysis Batch:240-109928					
LCS 240-107853/11-A	Lab Control Sample	T	Water	8081B	240-107853
MB 240-107853/10-A	Method Blank	T	Water	8081B	240-107853
240-30764-3	CARMW32G20131025	T	Water	8081B	240-107853
240-30764-4	CARSSIPZ01G20131026	T	Water	8081B	240-107853
240-30764-5	CARMW33G20131026	T	Water	8081B	240-107853
240-30764-6	CARDCDPZ01G20131027	T	Water	8081B	240-107853
240-30764-7	CARMW31G20131027	T	Water	8081B	240-107853
Analysis Batch:240-110159					
PB 240-110159/3	Preparation / Extraction Blank	T	Water	8081B	
240-30764-9	CARDCDPZ04G20131027	T	Water	8081B	240-107853
Analysis Batch:240-110788					
PB 240-110788/6	Preparation / Extraction Blank	T	Solid	8081B	
MB 240-107701/12-A	Method Blank	T	Solid	8081B	240-107701
240-30764-11	CARMW29S11	T	Solid	8081B	240-107701

Report Basis

T = Total

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-107845					
LCS 240-107845/2-A	Lab Control Sample	R	Water	3005A	
MB 240-107845/1-A	Method Blank	R	Water	3005A	
240-30764-1	CARSSIPZ02G20131024	R	Water	3005A	
240-30764-3	CARMW32G20131025	R	Water	3005A	
240-30764-4	CARSSIPZ01G20131026	R	Water	3005A	
Prep Batch: 240-107851					
LCS 240-107851/2-A	Lab Control Sample	T	Water	7470A	
MB 240-107851/1-A	Method Blank	T	Water	7470A	
240-30764-1	CARSSIPZ02G20131024	T	Water	7470A	
240-30764-3	CARMW32G20131025	T	Water	7470A	
240-30764-4	CARSSIPZ01G20131026	T	Water	7470A	
Analysis Batch:240-108226					
LCS 240-107851/2-A	Lab Control Sample	T	Water	7470A	240-107851
MB 240-107851/1-A	Method Blank	T	Water	7470A	240-107851
240-30764-1	CARSSIPZ02G20131024	T	Water	7470A	240-107851
240-30764-3	CARMW32G20131025	T	Water	7470A	240-107851
240-30764-4	CARSSIPZ01G20131026	T	Water	7470A	240-107851
Analysis Batch:240-108547					
LCS 240-107845/2-A	Lab Control Sample	R	Water	6010C	240-107845
MB 240-107845/1-A	Method Blank	R	Water	6010C	240-107845
240-30764-1	CARSSIPZ02G20131024	R	Water	6010C	240-107845
240-30764-3	CARMW32G20131025	R	Water	6010C	240-107845
240-30764-4	CARSSIPZ01G20131026	R	Water	6010C	240-107845
Prep Batch: 240-108583					
LCS 240-108583/2-A	Lab Control Sample	R	Water	3005A	
MB 240-108583/1-A	Method Blank	R	Water	3005A	
240-30764-5	CARMW33G20131026	R	Water	3005A	
240-30764-5DU	Duplicate	R	Water	3005A	
240-30764-5MS	Matrix Spike	R	Water	3005A	
240-30764-6	CARDCDPZ01G20131027	R	Water	3005A	
240-30764-7	CARMW31G20131027	R	Water	3005A	
240-30764-8	CARMW31H20131027	R	Water	3005A	
240-30764-9	CARDCDPZ04G20131027	R	Water	3005A	
240-30764-10	CARSSIPZ03G20131028	R	Water	3005A	
240-30764-12	CARMW35DG20131028	R	Water	3005A	

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-108588					
LCS 240-108588/2-A	Lab Control Sample	T	Water	7470A	
MB 240-108588/1-A	Method Blank	T	Water	7470A	
240-30764-5	CARMW33G20131026	T	Water	7470A	
240-30764-5DU	Duplicate	T	Water	7470A	
240-30764-5MS	Matrix Spike	T	Water	7470A	
240-30764-6	CARDCDPZ01G20131027	T	Water	7470A	
240-30764-7	CARMW31G20131027	T	Water	7470A	
240-30764-8	CARMW31H20131027	T	Water	7470A	
240-30764-9	CARDCDPZ04G20131027	T	Water	7470A	
240-30764-10	CARSSIPZ03G20131028	T	Water	7470A	
240-30764-12	CARMW35DG20131028	T	Water	7470A	
Prep Batch: 240-108833					
LCS 240-108833/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-108833/1-A	Method Blank	T	Solid	3050B	
240-30764-11	CARMW29S11	T	Solid	3050B	
Prep Batch: 240-108834					
LCS 240-108834/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-108834/1-A	Method Blank	T	Solid	7471B	
240-30764-11	CARMW29S11	T	Solid	7471B	
Analysis Batch:240-108862					
LCS 240-108588/2-A	Lab Control Sample	T	Water	7470A	240-108588
MB 240-108588/1-A	Method Blank	T	Water	7470A	240-108588
240-30764-5	CARMW33G20131026	T	Water	7470A	240-108588
240-30764-5DU	Duplicate	T	Water	7470A	240-108588
240-30764-5MS	Matrix Spike	T	Water	7470A	240-108588
240-30764-6	CARDCDPZ01G20131027	T	Water	7470A	240-108588
240-30764-7	CARMW31G20131027	T	Water	7470A	240-108588
240-30764-8	CARMW31H20131027	T	Water	7470A	240-108588
240-30764-9	CARDCDPZ04G20131027	T	Water	7470A	240-108588
240-30764-10	CARSSIPZ03G20131028	T	Water	7470A	240-108588
240-30764-12	CARMW35DG20131028	T	Water	7470A	240-108588

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-108923					
LCS 240-108583/2-A	Lab Control Sample	R	Water	6010C	240-108583
MB 240-108583/1-A	Method Blank	R	Water	6010C	240-108583
240-30764-5	CARMW33G20131026	R	Water	6010C	240-108583
240-30764-5DU	Duplicate	R	Water	6010C	240-108583
240-30764-5MS	Matrix Spike	R	Water	6010C	240-108583
240-30764-6	CARDCDPZ01G20131027	R	Water	6010C	240-108583
240-30764-7	CARMW31G20131027	R	Water	6010C	240-108583
240-30764-8	CARMW31H20131027	R	Water	6010C	240-108583
240-30764-9	CARDCDPZ04G20131027	R	Water	6010C	240-108583
240-30764-10	CARSSIPZ03G20131028	R	Water	6010C	240-108583
240-30764-12	CARMW35DG20131028	R	Water	6010C	240-108583
Analysis Batch:240-109151					
LCS 240-108833/2-A	Lab Control Sample	T	Solid	6010C	240-108833
MB 240-108833/1-A	Method Blank	T	Solid	6010C	240-108833
240-30764-11	CARMW29S11	T	Solid	6010C	240-108833
Analysis Batch:240-109191					
LCS 240-108834/2-A	Lab Control Sample	T	Solid	7471B	240-108834
MB 240-108834/1-A	Method Blank	T	Solid	7471B	240-108834
240-30764-11	CARMW29S11	T	Solid	7471B	240-108834

Report Basis
R = Total Recoverable
T = Total

General Chemistry

Analysis Batch:240-107543					
240-30764-11	CARMW29S11	T	Solid	Moisture	
240-30764-11DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30764-11	CARMW29S11	149X	92	94	115
MB 240-107042/2-A		87	91	90	88
LCS 240-107648/5		99	95	95	97

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
MRL 240-108601/5		91	102	98	96
MRL 240-108758/5		93	101	99	96

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30764-1	CARSSIPZ02G20131024	92	104	100	95
240-30764-2	CARTRIP20131025	96	109	106	102
240-30764-3	CARMW32G20131025	86	100	94	93
240-30764-4	CARSSIPZ01G20131026	89	99	94	97
240-30764-5	CARMW33G20131026	89	99	95	94
240-30764-6	CARDCDPZ01G20131027	90	103	99	98
240-30764-7	CARMW31G20131027	88	100	96	92
240-30764-8	CARMW31H20131027	89	100	97	95
240-30764-9	CARDCDPZ04G20131027	91	99	95	93
240-30764-10	CARSSIPZ03G20131028	95	101	96	96
240-30764-12	CARMW35DG20131028	90	97	95	92
MB 240-108601/6		85	95	90	91
MB 240-108758/6		86	93	90	93
LCS 240-108601/4		96	102	100	98
LCS 240-108758/4		95	100	96	97
240-30764-5 MS	CARMW33G20131026 MS	88	90	81	96
240-30764-5 MSD	CARMW33G20131026 MSD	92	91	82	100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-30764-1	CARSSIPZ02G20131024	75	64	64	62	64	80
240-30764-3	CARMW32G20131025	82	74	67	68	73	95
240-30764-4	CARSSIPZ01G20131026	59	71	70	70	71	94
240-30764-5	CARMW33G20131026	72	65	67	59	62	82
MB 240-107842/23-A		87	74	69	76	72	77
MB 240-108039/19-A		92	80	72	79	78	85
LCS 240-107842/24-A		94	83	84	84	80	93
LCS 240-108039/20-A		88	66	80	71	78	95

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	24-110
PHL = Phenol-d5 (Surr)	21-110
NBZ = Nitrobenzene-d5 (Surr)	21-110
2FP = 2-Fluorophenol (Surr)	10-110
FBP = 2-Fluorobiphenyl (Surr)	20-110
TBP = 2,4,6-Tribromophenol (Surr)	21-110

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-30764-1	CARSSIPZ02G20131024	90
240-30764-6	CARDCDPZ01G20131027	82
240-30764-7	CARMW31G20131027	88
240-30764-9	CARDCDPZ04G20131027	272X
MB 240-107680/16-A		101
MB 240-107847/6-A		83
LCS 240-107680/17-A		87
LCS 240-107847/7-A		89

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30764-11	CARMW29S11	0X	0X	0X	0X
MB 240-107701/12-A		81	85	101	95
MB 240-107701/12-A		78	89	85	91
LCS 240-107701/13-A		76	76	90	74

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30764-1	CARSSIPZ02G20131024	64	67	76	77
240-30764-3	CARMW32G20131025	33	30	58	63
240-30764-4	CARSSIPZ01G20131026	18X	18X	69	63
240-30764-5	CARMW33G20131026	20X	19X	80	108
240-30764-6	CARDCDPZ01G20131027	26X	27X	62	70
240-30764-7	CARMW31G20131027	26X	30	70	78
240-30764-8	CARMW31H20131027	69	66	69	77
240-30764-9	CARDCDPZ04G20131027	0X	0X	0X	0X
240-30764-10	CARSSIPZ03G20131028	59	53	83	75
240-30764-12	CARMW35DG20131028	76	72	84	79
MB 240-107685/11-A		88	90	93	89
MB 240-107853/10-A		77	84	93	85
MB 240-108045/19-A		84	79	87	87
LCS 240-107853/11-A		40	37	89	87
LCS 240-108045/20-A		85	78	89	86

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-121
TCX = Tetrachloro-m-xylene	40-120

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB2 %Rec	TCX2 %Rec
240-30764-11	CARMW29S11	0X	0X
MB 240-107697/19-A		76	103
LCS 240-107697/20-A		82	91

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30764-1	CARSSIPZ02G20131024	55	67	83	81
240-30764-3	CARMW32G20131025	23	28	63	60
240-30764-4	CARSSIPZ01G20131026	16	19	73	71
240-30764-5	CARMW33G20131026	16	22	82	73
MB 240-107849/14-A		72	84	90	87
LCS 240-107849/15-A		69	81	81	78

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107042 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-107042/2-A	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-107042	Lab File ID:	UX88400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/30/2013 1007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		6.3	20
Benzene	ND		0.23	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
2-Butanone (MEK)	ND		1.4	20
Carbon disulfide	ND		0.44	5.0
Carbon tetrachloride	ND		0.37	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
Chloroethane	ND		0.86	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
cis-1,3-Dichloropropene	ND		0.34	5.0
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
1,3-Dichlorobenzene	ND		0.35	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Dichlorobromomethane	ND		0.28	5.0
Dichlorodifluoromethane	ND		0.50	5.0
1,1-Dichloroethane	ND		0.36	5.0
1,2-Dichloroethane	ND		0.34	5.0
1,1-Dichloroethene	ND		0.52	5.0
1,2-Dichloropropane	ND		0.69	5.0
Ethylbenzene	ND		0.26	5.0
Ethylene Dibromide	ND		0.50	5.0
2-Hexanone	ND		0.63	20
Isopropylbenzene	ND		0.16	5.0
Methylene Chloride	ND		0.67	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Methyl tert-butyl ether	ND		0.43	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
Styrene	ND		0.15	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107042

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-107042/2-A	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-107042	Lab File ID:	UX88400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/30/2013 1007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	52 - 136
Dibromofluoromethane (Surr)	91	37 - 132
1,2-Dichloroethane-d4 (Surr)	90	58 - 123
Toluene-d8 (Surr)	88	67 - 125

Method Blank TICs- Batch: 240-107042

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107648

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107648/5	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88383.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/30/2013 0401	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	108	108	41 - 137	
Benzene	50.0	48.5	97	79 - 112	
Bromoform	50.0	54.6	109	62 - 133	
Bromomethane	50.0	48.1	96	42 - 136	
2-Butanone (MEK)	100	106	106	52 - 131	
Carbon disulfide	50.0	45.7	91	62 - 146	
Carbon tetrachloride	50.0	48.0	96	71 - 129	
Chlorobenzene	50.0	47.6	95	78 - 110	
Chlorodibromomethane	50.0	52.9	106	72 - 127	
Chloroethane	50.0	46.1	92	58 - 117	
Chloroform	50.0	48.6	97	77 - 114	
Chloromethane	50.0	46.9	94	50 - 110	
cis-1,2-Dichloroethene	50.0	49.7	99	76 - 113	
cis-1,3-Dichloropropene	50.0	56.6	113	74 - 128	
1,2-Dibromo-3-Chloropropane	50.0	44.8	90	61 - 132	
1,2-Dichlorobenzene	50.0	47.9	96	76 - 110	
1,3-Dichlorobenzene	50.0	47.7	95	78 - 111	
1,4-Dichlorobenzene	50.0	46.5	93	75 - 110	
Dichlorobromomethane	50.0	52.6	105	84 - 122	
Dichlorodifluoromethane	50.0	47.2	94	26 - 113	
1,1-Dichloroethane	50.0	47.1	94	76 - 115	
1,2-Dichloroethane	50.0	47.7	95	72 - 120	
1,1-Dichloroethene	50.0	43.7	87	75 - 135	
1,2-Dichloropropane	50.0	50.3	101	87 - 113	
Ethylbenzene	50.0	47.5	95	79 - 117	
Ethylene Dibromide	50.0	51.6	103	83 - 117	
2-Hexanone	100	112	112	64 - 136	
Isopropylbenzene	50.0	48.3	97	76 - 122	
Methylene Chloride	50.0	51.5	103	75 - 118	
4-Methyl-2-pentanone (MIBK)	100	117	117	67 - 135	
Methyl tert-butyl ether	50.0	53.0	106	49 - 165	
m-Xylene & p-Xylene	50.0	48.6	97	80 - 117	
o-Xylene	50.0	51.0	102	80 - 120	
Styrene	50.0	51.3	103	87 - 117	
1,1,2,2-Tetrachloroethane	50.0	51.1	102	77 - 123	
Tetrachloroethene	50.0	46.8	94	79 - 114	
Toluene	50.0	48.1	96	75 - 111	
trans-1,2-Dichloroethene	50.0	48.2	96	78 - 117	
trans-1,3-Dichloropropene	50.0	59.0	118	73 - 131	
1,2,4-Trichlorobenzene	50.0	49.5	99	64 - 124	
1,1,1-Trichloroethane	50.0	46.3	93	77 - 126	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107648

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107648/5	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88383.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/30/2013 0401	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	50.0	49.8	100	83 - 112	
Trichloroethene	50.0	48.0	96	79 - 113	
Trichlorofluoromethane	50.0	46.2	92	57 - 146	
Vinyl chloride	50.0	46.9	94	57 - 114	
Xylenes, Total	50.0	51.0	102	80 - 118	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	99	52 - 136
Dibromofluoromethane (Surr)	95	37 - 132
1,2-Dichloroethane-d4 (Surr)	95	58 - 123
Toluene-d8 (Surr)	97	67 - 125

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.53	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	85	66 - 117
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	90	63 - 129
Toluene-d8 (Surr)	91	74 - 115

Method Blank TICs- Batch: 240-108601

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	75.6	151	43 - 136	*
Benzene	25.0	27.1	108	83 - 112	
Bromoform	25.0	27.8	111	40 - 131	
Bromomethane	25.0	23.2	93	11 - 185	
2-Butanone (MEK)	50.0	69.0	138	60 - 126	*
Carbon disulfide	25.0	29.2	117	62 - 142	
Carbon tetrachloride	25.0	28.0	112	66 - 128	
Chlorobenzene	25.0	27.0	108	85 - 110	
Chlorodibromomethane	25.0	31.0	124	64 - 119	*
Chloroethane	25.0	23.4	93	25 - 153	
Chloroform	25.0	28.8	115	79 - 117	
Chloromethane	25.0	22.2	89	44 - 126	
cis-1,2-Dichloroethene	25.0	28.1	112	80 - 113	
cis-1,3-Dichloropropene	25.0	30.7	123	61 - 115	*
1,2-Dibromo-3-Chloropropane	25.0	30.5	122	42 - 136	
1,2-Dichlorobenzene	25.0	26.2	105	81 - 110	
1,3-Dichlorobenzene	25.0	26.0	104	80 - 110	
1,4-Dichlorobenzene	25.0	25.6	103	82 - 110	
Dichlorobromomethane	25.0	30.5	122	72 - 121	*
Dichlorodifluoromethane	25.0	21.9	88	19 - 129	
1,1-Dichloroethane	25.0	28.3	113	82 - 115	
1,2-Dichloroethane	25.0	29.7	119	71 - 127	
1,1-Dichloroethene	25.0	28.1	113	78 - 131	
1,2-Dichloropropane	25.0	27.6	110	81 - 115	
Ethylbenzene	25.0	27.4	110	83 - 112	
Ethylene Dibromide	25.0	30.1	120	79 - 113	*
2-Hexanone	50.0	63.5	127	55 - 133	
Isopropylbenzene	25.0	28.6	114	75 - 114	
Methylene Chloride	25.0	24.0	96	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	66.3	133	63 - 128	*
Methyl tert-butyl ether	25.0	30.2	121	52 - 144	
m-Xylene & p-Xylene	25.0	27.6	110	83 - 113	
o-Xylene	25.0	27.6	111	83 - 113	
Styrene	25.0	28.2	113	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	28.2	113	68 - 118	
Tetrachloroethene	25.0	27.8	111	79 - 114	
Toluene	25.0	24.6	98	84 - 111	
trans-1,2-Dichloroethene	25.0	28.6	114	83 - 117	
trans-1,3-Dichloropropene	25.0	32.7	131	58 - 117	*
1,2,4-Trichlorobenzene	25.0	26.8	107	48 - 135	
1,1,1-Trichloroethane	25.0	29.5	118	74 - 118	

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	27.6	110	80 - 112	
Trichloroethene	25.0	28.6	115	76 - 117	
Trichlorofluoromethane	25.0	25.0	100	49 - 157	
Vinyl chloride	25.0	24.6	98	53 - 127	
Xylenes, Total	50.0	55.2	110	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	96	66 - 117
Dibromofluoromethane (Surr)	102	75 - 121
1,2-Dichloroethane-d4 (Surr)	100	63 - 129
Toluene-d8 (Surr)	98	74 - 115

Method Reporting Limit Check - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108601/5	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1467.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1115	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1115				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromoform	0.00100	ND	131	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	120	10 - 150	
2-Hexanone	0.0100	ND	90	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	83	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	91	10 - 150
Dibromofluoromethane (Surr)	102	10 - 150
1,2-Dichloroethane-d4 (Surr)	98	10 - 150
Toluene-d8 (Surr)	96	10 - 150

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108758/6	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1523.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1006	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1006				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.03	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108758/6	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1523.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1006	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1006				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	86	66 - 117
Dibromofluoromethane (Surr)	93	75 - 121
1,2-Dichloroethane-d4 (Surr)	90	63 - 129
Toluene-d8 (Surr)	93	74 - 115

Method Blank TICs- Batch: 240-108758

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108758/4	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1521.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 0921	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 0921				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	67.0	134	43 - 136	
Benzene	25.0	27.1	108	83 - 112	
Bromoform	25.0	24.8	99	40 - 131	
Bromomethane	25.0	20.7	83	11 - 185	
2-Butanone (MEK)	50.0	64.6	129	60 - 126	*
Carbon disulfide	25.0	28.4	114	62 - 142	
Carbon tetrachloride	25.0	28.3	113	66 - 128	
Chlorobenzene	25.0	25.8	103	85 - 110	
Chlorodibromomethane	25.0	28.6	114	64 - 119	
Chloroethane	25.0	22.3	89	25 - 153	
Chloroform	25.0	28.1	112	79 - 117	
Chloromethane	25.0	21.5	86	44 - 126	
cis-1,2-Dichloroethene	25.0	27.2	109	80 - 113	
cis-1,3-Dichloropropene	25.0	29.4	118	61 - 115	*
1,2-Dibromo-3-Chloropropane	25.0	24.7	99	42 - 136	
1,2-Dichlorobenzene	25.0	24.0	96	81 - 110	
1,3-Dichlorobenzene	25.0	23.9	96	80 - 110	
1,4-Dichlorobenzene	25.0	23.9	96	82 - 110	
Dichlorobromomethane	25.0	28.7	115	72 - 121	
Dichlorodifluoromethane	25.0	22.8	91	19 - 129	
1,1-Dichloroethane	25.0	27.7	111	82 - 115	
1,2-Dichloroethane	25.0	28.7	115	71 - 127	
1,1-Dichloroethene	25.0	27.8	111	78 - 131	
1,2-Dichloropropane	25.0	27.7	111	81 - 115	
Ethylbenzene	25.0	26.5	106	83 - 112	
Ethylene Dibromide	25.0	27.5	110	79 - 113	
2-Hexanone	50.0	55.1	110	55 - 133	
Isopropylbenzene	25.0	27.5	110	75 - 114	
Methylene Chloride	25.0	22.9	92	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	58.6	117	63 - 128	
Methyl tert-butyl ether	25.0	28.8	115	52 - 144	
m-Xylene & p-Xylene	25.0	26.7	107	83 - 113	
o-Xylene	25.0	26.9	108	83 - 113	
Styrene	25.0	26.6	106	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	23.7	95	68 - 118	
Tetrachloroethene	25.0	28.4	113	79 - 114	
Toluene	25.0	24.1	97	84 - 111	
trans-1,2-Dichloroethene	25.0	28.1	112	83 - 117	
trans-1,3-Dichloropropene	25.0	30.5	122	58 - 117	*
1,2,4-Trichlorobenzene	25.0	26.2	105	48 - 135	
1,1,1-Trichloroethane	25.0	29.5	118	74 - 118	

Lab Control Sample - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108758/4	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1521.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 0921	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 0921				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	25.8	103	80 - 112	
Trichloroethene	25.0	28.5	114	76 - 117	
Trichlorofluoromethane	25.0	24.2	97	49 - 157	
Vinyl chloride	25.0	24.0	96	53 - 127	
Xylenes, Total	25.0	26.9	108	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	66 - 117
Dibromofluoromethane (Surr)	100	75 - 121
1,2-Dichloroethane-d4 (Surr)	96	63 - 129
Toluene-d8 (Surr)	97	74 - 115

Method Reporting Limit Check - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108758/5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1522.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 0944	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 0944				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromoform	0.00100	ND	136	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	110	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	101	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	93	10 - 150
Dibromofluoromethane (Surr)	101	10 - 150
1,2-Dichloroethane-d4 (Surr)	99	10 - 150
Toluene-d8 (Surr)	96	10 - 150

Client: EnSafe, Inc. Job Number: 240-30764-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-108758

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1537.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1529			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1529				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1538.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1551			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1551				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	65	71	33 - 145	7	30		
Benzene	95	98	72 - 121	3	30		
Bromoform	76	82	32 - 128	8	30		
Bromomethane	82	89	10 - 186	8	30		
2-Butanone (MEK)	78	83	54 - 129	6	30		
Carbon disulfide	99	104	57 - 147	4	30		
Carbon tetrachloride	93	96	59 - 129	4	30		
Chlorobenzene	96	102	80 - 110	6	30		
Chlorodibromomethane	94	102	56 - 118	8	30		
Chloroethane	91	94	21 - 165	4	30		
Chloroform	95	100	76 - 118	5	30		
Chloromethane	81	84	33 - 132	4	30		
cis-1,2-Dichloroethene	69	73	70 - 120	2	30	F	
cis-1,3-Dichloropropene	97	101	51 - 110	4	30		
1,2-Dibromo-3-Chloropropane	89	92	32 - 139	3	30		
1,2-Dichlorobenzene	95	99	75 - 111	4	30		
1,3-Dichlorobenzene	97	100	73 - 110	4	30		
1,4-Dichlorobenzene	95	99	75 - 110	5	30		
Dichlorobromomethane	93	97	67 - 120	4	30		
Dichlorodifluoromethane	83	84	17 - 128	0	30		
1,1-Dichloroethane	86	91	79 - 116	3	30		
1,2-Dichloroethane	91	94	68 - 129	4	30		
1,1-Dichloroethene	96	100	74 - 135	4	30		
1,2-Dichloropropane	95	99	78 - 115	5	30		
Ethylbenzene	100	106	75 - 116	6	30		
Ethylene Dibromide	92	99	74 - 113	7	30		
2-Hexanone	77	85	47 - 139	9	30		
Isopropylbenzene	103	109	68 - 116	6	30		
Methylene Chloride	75	79	63 - 128	4	30		
4-Methyl-2-pentanone (MIBK)	80	84	56 - 131	5	30		
Methyl tert-butyl ether	90	95	46 - 144	5	30		
m-Xylene & p-Xylene	101	107	75 - 117	6	30		

Client: EnSafe, Inc. Job Number: 240-30764-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-108758

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1537.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1529			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1529				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1538.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1551			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1551				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
o-Xylene	101	106	76 - 116	5	30		
Styrene	98	105	71 - 117	7	30		
1,1,2,2-Tetrachloroethane	84	89	63 - 122	6	30		
Tetrachloroethene	104	110	70 - 117	6	30		
Toluene	92	97	78 - 114	6	30		
trans-1,2-Dichloroethene	98	103	80 - 119	5	30		
trans-1,3-Dichloropropene	105	112	46 - 116	7	30		
1,2,4-Trichlorobenzene	112	112	38 - 138	0	30		
1,1,1-Trichloroethane	100	104	68 - 121	3	30		
1,1,2-Trichloroethane	88	92	75 - 115	5	30		
Trichloroethene	93	96	66 - 120	2	30		
Trichlorofluoromethane	89	89	46 - 157	0	30		
Vinyl chloride	86	87	49 - 130	1	30		
Xylenes, Total	101	106	76 - 116	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	92	66 - 117
Dibromofluoromethane (Surr)	90	91	75 - 121
1,2-Dichloroethane-d4 (Surr)	81	82	63 - 129
Toluene-d8 (Surr)	96	100	74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107842 **Method: 8270D**
Preparation: 3520C

Lab Sample ID:	MB 240-107842/23-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1053	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.577	J	0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	ND		0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107842/23-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1053	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	87	24 - 110
Phenol-d5 (Surr)	74	21 - 110
Nitrobenzene-d5 (Surr)	69	21 - 110
2-Fluorophenol (Surr)	76	10 - 110
2-Fluorobiphenyl (Surr)	72	20 - 110
2,4,6-Tribromophenol (Surr)	77	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107842/24-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1119	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	16.0	80	45 - 110	
2,4,5-Trichlorophenol	20.0	16.4	82	48 - 110	
2,4-Dichlorophenol	20.0	16.6	83	41 - 110	
2,4-Dimethylphenol	20.0	14.9	74	32 - 110	
2,4-Dinitrophenol	40.0	26.8	67	10 - 110	
2,4-Dinitrotoluene	20.0	17.0	85	53 - 110	
2-Chlorophenol	20.0	16.2	81	29 - 110	
2-Methylnaphthalene	20.0	14.4	72	45 - 110	
2-Methylphenol	20.0	15.9	80	42 - 110	
2-Nitroaniline	20.0	17.8	89	54 - 110	
2-Nitrophenol	20.0	17.5	88	40 - 110	
3 & 4 Methylphenol	20.0	16.0	80	44 - 110	
3,3'-Dichlorobenzidine	40.0	32.3	81	22 - 110	
3-Nitroaniline	20.0	16.2	81	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	29.2	73	31 - 110	
4-Bromophenyl phenyl ether	20.0	17.2	86	45 - 110	
4-Chloro-3-methylphenol	20.0	16.7	83	52 - 110	
4-Chloroaniline	20.0	14.7	74	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.5	77	47 - 110	
4-Nitroaniline	20.0	16.8	84	54 - 110	
Acenaphthene	20.0	15.1	76	47 - 110	
Acenaphthylene	20.0	14.2	71	49 - 110	
Acetophenone	20.0	16.3	82	46 - 110	
Anthracene	20.0	15.8	79	52 - 110	
Benzo[a]anthracene	20.0	15.9	79	52 - 110	
Benzo[a]pyrene	20.0	15.9	79	44 - 110	
Benzo[b]fluoranthene	20.0	16.5	83	48 - 110	
Benzo[g,h,i]perylene	20.0	15.9	80	50 - 110	
Benzo[k]fluoranthene	20.0	16.9	85	49 - 110	
Bis(2-chloroethoxy)methane	20.0	16.5	83	43 - 110	
Bis(2-chloroethyl)ether	20.0	15.9	80	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	17.2	86	39 - 116	
Butyl benzyl phthalate	20.0	16.5	83	55 - 110	
Carbazole	20.0	16.8	84	55 - 110	
Chrysene	20.0	16.0	80	55 - 110	
Di-n-butyl phthalate	20.0	18.2	91	57 - 110	
Di-n-octyl phthalate	20.0	16.6	83	40 - 110	
Dibenz(a,h)anthracene	20.0	16.9	85	49 - 110	
Dibenzofuran	20.0	14.9	75	51 - 110	
Diethyl phthalate	20.0	16.8	84	58 - 110	
Dimethyl phthalate	20.0	17.1	86	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107842/24-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1119	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	17.2	86	54 - 110	
Fluorene	20.0	14.9	74	52 - 110	
Hexachlorobenzene	20.0	17.1	85	50 - 110	
Hexachlorobutadiene	20.0	10.2	51	33 - 110	
Hexachlorocyclopentadiene	20.0	1.97	10	4 - 110	J
Hexachloroethane	20.0	10.5	52	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	16.7	83	50 - 110	
Isophorone	20.0	15.4	77	49 - 110	
N-Nitrosodi-n-propylamine	20.0	15.7	79	47 - 110	
N-Nitrosodiphenylamine	40.0	34.4	86	50 - 110	
Naphthalene	20.0	14.2	71	44 - 110	
Nitrobenzene	20.0	17.5	87	42 - 110	
Pentachlorophenol	40.0	24.4	61	18 - 110	
Phenanthrene	20.0	15.6	78	53 - 110	
Phenol	20.0	16.4	82	33 - 110	
Pyrene	20.0	16.1	81	52 - 110	
bis (2-chloroisopropyl) ether	20.0	15.6	78	37 - 110	
2,6-Dinitrotoluene	20.0	17.2	86	54 - 110	
4-Nitrophenol	40.0	34.7	87	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	94	24 - 110
Phenol-d5 (Surr)	83	21 - 110
Nitrobenzene-d5 (Surr)	84	21 - 110
2-Fluorophenol (Surr)	84	10 - 110
2-Fluorobiphenyl (Surr)	80	20 - 110
2,4,6-Tribromophenol (Surr)	93	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108039 **Method: 8270D**
Preparation: 3520C

Lab Sample ID:	MB 240-108039/19-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1026	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.337	J	0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	0.698	J	0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108039

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-108039/19-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1026	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	92	24 - 110
Phenol-d5 (Surr)	80	21 - 110
Nitrobenzene-d5 (Surr)	72	21 - 110
2-Fluorophenol (Surr)	79	10 - 110
2-Fluorobiphenyl (Surr)	78	20 - 110
2,4,6-Tribromophenol (Surr)	85	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108039

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-108039/20-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1051	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	15.5	77	45 - 110	
2,4,5-Trichlorophenol	20.0	16.3	82	48 - 110	
2,4-Dichlorophenol	20.0	15.6	78	41 - 110	
2,4-Dimethylphenol	20.0	11.2	56	32 - 110	
2,4-Dinitrophenol	40.0	26.2	65	10 - 110	
2,4-Dinitrotoluene	20.0	16.3	81	53 - 110	
2-Chlorophenol	20.0	14.9	74	29 - 110	
2-Methylnaphthalene	20.0	14.6	73	45 - 110	
2-Methylphenol	20.0	14.3	72	42 - 110	
2-Nitroaniline	20.0	16.9	84	54 - 110	
2-Nitrophenol	20.0	15.9	79	40 - 110	
3 & 4 Methylphenol	20.0	13.7	68	44 - 110	
3,3'-Dichlorobenzidine	40.0	31.4	79	22 - 110	
3-Nitroaniline	20.0	16.3	82	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	26.1	65	31 - 110	
4-Bromophenyl phenyl ether	20.0	16.4	82	45 - 110	
4-Chloro-3-methylphenol	20.0	15.9	79	52 - 110	
4-Chloroaniline	20.0	11.9	60	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.5	77	47 - 110	
4-Nitroaniline	20.0	16.1	80	54 - 110	
Acenaphthene	20.0	15.1	75	47 - 110	
Acenaphthylene	20.0	13.7	69	49 - 110	
Acetophenone	20.0	15.1	76	46 - 110	
Anthracene	20.0	15.0	75	52 - 110	
Benzo[a]anthracene	20.0	15.5	77	52 - 110	
Benzo[a]pyrene	20.0	15.4	77	44 - 110	
Benzo[b]fluoranthene	20.0	16.5	82	48 - 110	
Benzo[g,h,i]perylene	20.0	15.6	78	50 - 110	
Benzo[k]fluoranthene	20.0	16.5	82	49 - 110	
Bis(2-chloroethoxy)methane	20.0	15.5	78	43 - 110	
Bis(2-chloroethyl)ether	20.0	14.5	73	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	15.0	75	39 - 116	
Butyl benzyl phthalate	20.0	15.2	76	55 - 110	
Carbazole	20.0	14.9	75	55 - 110	
Chrysene	20.0	15.7	79	55 - 110	
Di-n-butyl phthalate	20.0	16.5	83	57 - 110	
Di-n-octyl phthalate	20.0	14.9	75	40 - 110	
Dibenz(a,h)anthracene	20.0	16.3	82	49 - 110	
Dibenzofuran	20.0	15.1	76	51 - 110	
Diethyl phthalate	20.0	17.1	85	58 - 110	
Dimethyl phthalate	20.0	16.4	82	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108039

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-108039/20-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1051	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	16.0	80	54 - 110	
Fluorene	20.0	15.0	75	52 - 110	
Hexachlorobenzene	20.0	16.3	82	50 - 110	
Hexachlorobutadiene	20.0	13.0	65	33 - 110	
Hexachlorocyclopentadiene	20.0	2.87	14	4 - 110	J
Hexachloroethane	20.0	12.3	61	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	15.9	79	50 - 110	
Isophorone	20.0	14.8	74	49 - 110	
N-Nitrosodi-n-propylamine	20.0	14.9	75	47 - 110	
N-Nitrosodiphenylamine	40.0	32.0	80	50 - 110	
Naphthalene	20.0	13.7	69	44 - 110	
Nitrobenzene	20.0	16.4	82	42 - 110	
Pentachlorophenol	40.0	25.1	63	18 - 110	
Phenanthrene	20.0	15.4	77	53 - 110	
Phenol	20.0	13.0	65	33 - 110	
Pyrene	20.0	16.0	80	52 - 110	
bis (2-chloroisopropyl) ether	20.0	15.0	75	37 - 110	
2,6-Dinitrotoluene	20.0	17.0	85	54 - 110	
4-Nitrophenol	40.0	29.9	75	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	88	24 - 110
Phenol-d5 (Surr)	66	21 - 110
Nitrobenzene-d5 (Surr)	80	21 - 110
2-Fluorophenol (Surr)	71	10 - 110
2-Fluorobiphenyl (Surr)	78	20 - 110
2,4,6-Tribromophenol (Surr)	95	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107680 **Method: 8015C**
Preparation: 3520C

Lab Sample ID:	MB 240-107680/16-A	Analysis Batch:	240-108728	Instrument ID:	A2HP6F
Client Matrix:	Water	Prep Batch:	240-107680	Lab File ID:	P6F10640.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/07/2013 1738	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/30/2013 0900			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		240	500

Surrogate	% Rec	Acceptance Limits
n-Nonane o-Terphenyl (Surr)	101	40 - 160

Lab Control Sample - Batch: 240-107680 **Method: 8015C**
Preparation: 3520C

Lab Sample ID:	LCS 240-107680/17-A	Analysis Batch:	240-108118	Instrument ID:	A2HP6F
Client Matrix:	Water	Prep Batch:	240-107680	Lab File ID:	P6F10113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/01/2013 2050	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/30/2013 0900			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2500	2160	86	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	87	40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107847

Method: 8015C
Preparation: 3520C

Lab Sample ID:	MB 240-107847/6-A	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Client Matrix:	Water	Prep Batch:	240-107847	Lab File ID:	P6B11212.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1843	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0834			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		240	500

Surrogate	% Rec	Acceptance Limits
n-Nonane o-Terphenyl (Surr)	83	40 - 160

Lab Control Sample - Batch: 240-107847

Method: 8015C
Preparation: 3520C

Lab Sample ID:	LCS 240-107847/7-A	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Client Matrix:	Water	Prep Batch:	240-107847	Lab File ID:	P6B11213.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1914	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0834			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2500	1750	70	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	89	40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-108118

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-108118/4	Analysis Batch:	240-108118	Instrument ID:	A2HP6F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6F10104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/01/2013 1608	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		48000	100000

Surrogate	% Rec	Acceptance Limits
n-Nonane		
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109436

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-109436/3	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6B11203.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 1225	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		48000	100000

Surrogate	% Rec	Acceptance Limits
n-Nonane		
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107685

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-107685/11-A	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107685	Lab File ID:	P3110735.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 0302	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/30/2013 0911			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	30 - 121
Tetrachloro-m-xylene	93	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107701

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-107701/12-A	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-107701	Lab File ID:	P3110755.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/08/2013 0948	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0938			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	41 - 157
Tetrachloro-m-xylene	95	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	41 - 157
Tetrachloro-m-xylene	101	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107701

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-107701/12-A	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-107701	Lab File ID:	P3112027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2013 0634	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0938			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	41 - 157
Tetrachloro-m-xylene	85	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	41 - 157
Tetrachloro-m-xylene	91	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107701

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-107701/13-A	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-107701	Lab File ID:	P3110767.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/08/2013 1353	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0938			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	27.9	84	40 - 145	
alpha-BHC	33.3	29.7	89	50 - 153	
alpha-Chlordane	33.3	27.4	82	42 - 150	
beta-BHC	33.3	28.3	85	43 - 153	
4,4'-DDD	33.3	28.2	84	53 - 160	
4,4'-DDE	33.3	21.9	66	46 - 143	
4,4'-DDT	33.3	36.8	110	40 - 157	
delta-BHC	33.3	31.3	94	54 - 152	
Dieldrin	33.3	28.2	85	51 - 154	
Endosulfan I	33.3	21.7	65	40 - 148	
Endosulfan II	33.3	20.3	61	42 - 137	
Endosulfan sulfate	33.3	31.5	94	50 - 153	
Endrin	33.3	31.1	93	55 - 147	
Endrin aldehyde	33.3	28.1	84	43 - 158	
Endrin ketone	33.3	29.5	88	41 - 142	
gamma-BHC (Lindane)	33.3	31.6	95	44 - 160	
gamma-Chlordane	33.3	27.7	83	47 - 156	
Heptachlor	33.3	27.9	84	47 - 137	
Heptachlor epoxide	33.3	29.3	88	53 - 153	
Methoxychlor	33.3	28.6	86	40 - 152	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	74	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	90	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107853

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-107853/10-A	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107853	Lab File ID:	P3111421.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/14/2013 2359	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	77	30 - 121
Tetrachloro-m-xylene	93	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	30 - 121
Tetrachloro-m-xylene	85	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107853

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-107853/11-A	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107853	Lab File ID:	P3111422.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/15/2013 0019	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.476	95	40 - 155	
alpha-BHC	0.500	0.509	102	52 - 160	
alpha-Chlordane	0.500	0.503	101	44 - 160	
beta-BHC	0.500	0.531	106	60 - 160	
4,4'-DDD	0.500	0.636	127	61 - 160	
4,4'-DDE	0.500	0.516	103	50 - 160	
4,4'-DDT	0.500	0.758	152	43 - 158	
delta-BHC	0.500	0.562	112	55 - 167	
Dieldrin	0.500	0.503	101	62 - 160	
Endosulfan I	0.500	0.393	79	58 - 154	
Endosulfan II	0.500	0.390	78	56 - 145	
Endosulfan sulfate	0.500	0.537	107	64 - 151	
Endrin	0.500	0.534	107	59 - 156	
Endrin aldehyde	0.500	0.473	95	58 - 136	
Endrin ketone	0.500	0.526	105	51 - 138	
gamma-BHC (Lindane)	0.500	0.534	107	65 - 158	
gamma-Chlordane	0.500	0.504	101	58 - 160	
Heptachlor	0.500	0.542	108	40 - 143	
Heptachlor epoxide	0.500	0.504	101	61 - 160	
Methoxychlor	0.500	0.715	143	44 - 144	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	40	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	37	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108045

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-108045/19-A	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-108045	Lab File ID:	P3111118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/11/2013 0755	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/01/2013 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108045

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-108045/20-A	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-108045	Lab File ID:	P3111129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/11/2013 1138	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/01/2013 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.519	104	40 - 155	
alpha-BHC	0.500	0.562	112	52 - 160	
alpha-Chlordane	0.500	0.553	111	44 - 160	
beta-BHC	0.500	0.540	108	60 - 160	
4,4'-DDD	0.500	0.549	110	61 - 160	
4,4'-DDE	0.500	0.585	117	50 - 160	
4,4'-DDT	0.500	0.715	143	43 - 158	
delta-BHC	0.500	0.522	104	55 - 167	
Dieldrin	0.500	0.561	112	62 - 160	
Endosulfan I	0.500	0.445	89	58 - 154	
Endosulfan II	0.500	0.549	110	56 - 145	
Endosulfan sulfate	0.500	0.627	125	64 - 151	
Endrin	0.500	0.607	121	59 - 156	
Endrin aldehyde	0.500	0.582	116	58 - 136	
Endrin ketone	0.500	0.621	124	51 - 138	
gamma-BHC (Lindane)	0.500	0.587	117	65 - 158	
gamma-Chlordane	0.500	0.556	111	58 - 160	
Heptachlor	0.500	0.564	113	40 - 143	
Heptachlor epoxide	0.500	0.552	110	61 - 160	
Methoxychlor	0.500	0.849	170	44 - 144	*

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	30 - 121
Tetrachloro-m-xylene	86	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-108872 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108872/3	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3110703.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/07/2013 1612	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-108872 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108872/3	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3110703.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/07/2013 1612	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109145

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-109145/3	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/11/2013 0232	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109145

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-109145/3	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/11/2013 0232	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-110788 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110788/6	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3112006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2013 2329	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107697

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-107697/19-A	Analysis Batch:	240-108010	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-107697	Lab File ID:	P1000013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/01/2013 1344	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	14 - 163
Tetrachloro-m-xylene	103	29 - 151

Lab Control Sample - Batch: 240-107697

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-107697/20-A	Analysis Batch:	240-108010	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-107697	Lab File ID:	P1000024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/01/2013 1633	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	269	81	62 - 120	
Aroclor-1260	333	272	82	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	14 - 163
Tetrachloro-m-xylene	91	29 - 151

Method Blank - Batch: 240-107849

Method: 8082A
Preparation: 3520C

Lab Sample ID:	MB 240-107849/14-A	Analysis Batch:	240-108840	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-107849	Lab File ID:	P1100008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/07/2013 1828	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0841			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	10 - 130
Tetrachloro-m-xylene	90	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	10 - 130
Tetrachloro-m-xylene	87	23 - 136

Lab Control Sample - Batch: 240-107849

Method: 8082A
Preparation: 3520C

Lab Sample ID:	LCS 240-107849/15-A	Analysis Batch:	240-108840	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-107849	Lab File ID:	P1100009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/07/2013 1843	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0841			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.32	86	66 - 120	
Aroclor-1260	5.00	4.16	83	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	69	10 - 130
Tetrachloro-m-xylene	81	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	10 - 130
Tetrachloro-m-xylene	78	23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109284

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109284/1	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1100001.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/11/2013 1535	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-107845/1-A	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0804	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	1.01	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-107845/2-A	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0808	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1990	100	80 - 120	
Barium	2000	1890	94	80 - 120	
Cadmium	50.0	49.3	99	80 - 120	
Chromium	200	193	97	80 - 120	
Lead	500	475	95	80 - 120	
Selenium	2000	2020	101	80 - 120	
Silver	50.0	49.2	98	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-108583/1-A	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0903	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	ND		0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-108583/2-A	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0907	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1950	97	80 - 120	
Barium	2000	1910	96	80 - 120	
Cadmium	50.0	50.8	102	80 - 120	
Chromium	200	188	94	80 - 120	
Lead	500	459	92	80 - 120	
Selenium	2000	1930	96	80 - 120	
Silver	50.0	50.0	100	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Matrix Spike - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0924	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	9.0	J	2000	1910	95	75 - 125	
Barium	180	J	2000	2070	94	75 - 125	
Cadmium	ND		50.0	50.0	100	75 - 125	
Chromium	9.4	J	200	191	91	75 - 125	
Lead	2.7	J	500	437	87	75 - 125	
Selenium	ND		2000	1870	94	75 - 125	
Silver	ND		50.0	49.5	99	75 - 125	

Duplicate - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0919	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	9.0	J	8.50	5	20	J
Barium	180	J	176	0.7	20	J
Cadmium	ND		ND	NC	20	
Chromium	9.4	J	9.68	3	20	J
Lead	2.7	J	2.90	8	20	J
Selenium	ND		ND	NC	20	
Silver	ND		ND	NC	20	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108833

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 240-108833/1-A	Analysis Batch:	240-109151	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-108833	Lab File ID:	I9110813A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/08/2013 1011	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1134				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.132	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-108833

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCS 240-108833/2-A	Analysis Batch:	240-109151	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-108833	Lab File ID:	I9110813A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/08/2013 1023	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	193	96	80 - 120	
Barium	200	192	96	80 - 120	
Cadmium	5.00	5.00	100	80 - 120	
Chromium	20.0	19.0	95	80 - 120	
Lead	50.0	46.3	93	80 - 120	
Selenium	200	190	95	80 - 120	
Silver	5.00	4.87	97	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-107851/1-A	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1611	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-107851/2-A	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1612	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.52	90	81 - 123	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-108588/1-A	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1255	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-108588/2-A	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1257	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.89	98	81 - 123	

Matrix Spike - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1302	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	ND	1.00	0.442	44	69 - 134	F

Client: EnSafe, Inc. Job Number: 240-30764-1

Duplicate - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1300	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108834

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-108834/1-A	Analysis Batch:	240-109191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-108834	Lab File ID:	110813A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/08/2013 1415	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1510				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-108834

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-108834/2-A	Analysis Batch:	240-109191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-108834	Lab File ID:	110813A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/08/2013 1418	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1510				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.848	102	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Duplicate - Batch: 240-107543

Method: Moisture
Preparation: N/A

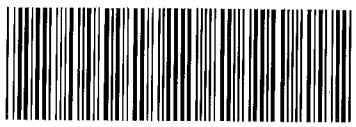
Lab Sample ID:	240-30764-11	Analysis Batch:	240-107543	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/29/2013 1757	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	80	81	1	20	
Percent Moisture	20	19	4	20	

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240-30764 Chain of Custody

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2.7 | 3.1 | 4.2 | 4.6 | 4.8 | 2.2 | 3.7

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. BCB1024131 | Page 1 of 1

ENSAFE

EnSafe Inc.
800-588-7962

Project Name: UTC CARRIER
PO No. | Project No. 08888814332 Phase
Site Location: Syracuse, NY.
Send Results To: Shane Goodnight

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone# Bryan Brister
Lab Name: TEST AMERICA
Turnaround Time(specify):

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	(3)→ HA	—	—	—	—	NH					Extra Volume for MS/MSD	HOLD
									VOCs	BNAs	PESTs	PCBs	DRO Fingerprint 8015	METALs	Pest/PCB/metals	Hg	Dry wt			
	CARSSIPZ02G20131024	SSIPZ-02	10/24/13	1706	WG	N	N	12	3	2	2	2	2	1					
	CARTRIP20131025	TRIP	10/25/13	1545	WQ	TB	N	1	1										
	CARMW32G20131025	MW-32	10/25/13	1641	WG	N	N	10	3	2	2	2		1					
	CARSSIPZ01G20131026	SSIPZ-01	10/26/13	0906	WG	N	N	10	3	2	2	2		1					
	CARMW33G20131026	MW-33	10/26/13	1202	WG	N	N	10	3	2	2	2		1					
	CARDCDPZ01G20131027	DCDPZ-01	10/27/13	0915	WG	N	N	12	3	2	2	2	2	1					
	CARMW31G20131027	MW-31	10/27/13	1141	WG	N	N	12	3	2	2	2	2	1					
	CARMW31H20131027	MW-31	10/27/13	1141	WG	FD	N	10	3	2	2	2		1					
	CARDCDPZ04G20131027	DCDPZ-04	10/27/13	1540	WG	N	N	12	3	2	2	2	2	1					
	CARSSIPZ03G20131028	SSIPZ-03	10/28/13	1541	WG	N	N	10	3	2	2	2		1					
	CARMW29S11	MW29	10/28/13	1615	SO	N	N	6	3						1	1	1		
	CARMW35DG20131028	MW-35D	10/28/13	1705	WG	N	N	10	3	2	2	2		1					

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature) TA SYR	Date	Time
1		10/28/13	1735	RE English	10-28-13	17:35
2	RE	10/28/13	1900	10 Chung	10/29/13	910
3						

Samples Iced?(check) Yes_____ No_____
Method of Shipment:
Airbill No:
Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative Login # : 307604
Canton Facility

Client ENSAFE Site Name _____ Cooler unpacked by:

Cooler Received on 10/29/13 Opened on 10/29/13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	X ☐ See Multiple
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	Cooler Form
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
~~IR GUN# 8~~	(CF -0 °C) _____	Observed Cooler Temp. _____ °C	Corrected

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 7	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# **HC385663**
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Michael O'Brien

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 307604

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	8	2.7	2.7	IC
Client		3.1	3.1	
TA NC #		4.2	4.2	
TA NC #		4.4	4.4	
TA NC #		1.8	1.8	
Client		2.2	2.2	
Client		3.7	3.7	

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
CARSSIPZ02G20131024	240-30764-D-1	Plastic 500ml - with Nitric Acid	<2		
CARMW32G20131025	240-30764-D-3	Plastic 500ml - with Nitric Acid	<2		
CARSSIPZ01G20131026	240-30764-D-4	Plastic 500ml - with Nitric Acid	<2		
CARMW33G20131026	240-30764-D-5	Plastic 500ml - with Nitric Acid	<2		
CARDCDPZ01G20131027	240-30764-D-6	Plastic 500ml - with Nitric Acid	<2		
CARMW31G20131027	240-30764-D-7	Plastic 500ml - with Nitric Acid	<2		
CARMW31H20131027	240-30764-D-8	Plastic 500ml - with Nitric Acid	<2		
CARDCDPZ04G20131027	240-30764-D-9	Plastic 500ml - with Nitric Acid	<2		
CARSSIPZ03G20131028	240-30764-D-10	Plastic 500ml - with Nitric Acid	<2		
CARMW35DG20131028	240-30764-D-12	Plastic 500ml - with Nitric Acid	<2		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

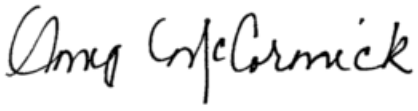
ANALYTICAL REPORT

Job Number: 240-30670-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/18/2013 2:29 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/18/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30670-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/25/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.0, 1.8, 2.0, 2.1, 2.8 and 3.0 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW26G20131024 (240-30670-5), CARMW37G20131024 (240-30670-6), CARMW27G20131024 (240-30670-7), CARMW39G20131024 (240-30670-8) and CARSSIPZ04G20131024 (240-30670-9) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/06/2013.

Samples TR1VMW23G20131023 (240-30670-1)[200X], TR1VMW24G20131023 (240-30670-2)[100X], CARMW37G20131024 (240-30670-6)[833.33X], CARMW27G20131024 (240-30670-7)[1.67X], CARMW39G20131024 (240-30670-8)[5X] and CARSSIPZ04G20131024 (240-30670-9)[8X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Acetone was detected in method blank MB 240-108601/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample for batch 108601 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample for batch 108601 recovered outside control limits for Acetone. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

The continuing calibration verification (CCV) for analytical batch 108601 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW26G20131024 (240-30670-5), CARMW37G20131024 (240-30670-6), CARMW27G20131024 (240-30670-7), CARMW39G20131024 (240-30670-8) and CARSSIPZ04G20131024 (240-30670-9) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/29/2013 and 10/31/2013 and analyzed on 10/31/2013, 11/04/2013 and 11/09/2013.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Samples CARMW28G20131023 (240-30670-3)[4X], CARMW34G20131024 (240-30670-4)[5X] and CARSSIPZ04G20131024 (240-30670-9)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Bis(2-ethylhexyl) phthalate was detected in method blanks MB 240-107496/23-A and MB 240-107842/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.
Method(s) 8270D: The following sample(s) was diluted due to the nature of the sample matrix: CARMW34G20131024 (240-30670-4). Elevated reporting limits (RLs) are provided.

The limit of detection verification (LODV) present in analytical batch 108197 is necessary to confirm the non-detect in the prep blank 107496.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW26G20131024 (240-30670-5), CARMW37G20131024 (240-30670-6), CARMW27G20131024 (240-30670-7), CARMW39G20131024 (240-30670-8) and CARSSIPZ04G20131024 (240-30670-9) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/28/2013 and analyzed on 11/04/2013 and 11/09/2013.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Sample CARSSIPZ04G20131024 (240-30670-9)[5X] required dilution prior to analysis due to the color of the extract. The reporting limits have been adjusted accordingly.

Decachlorobiphenyl failed the surrogate recovery criteria low for CARMW34G20131024 (240-30670-4).

The laboratory control sample (LCS) for batch 107322 recovered outside control limits for Endrin, Methoxychlor, Heptachlor, and 4,4-DDT. These analytes were biased high in the LCS and were not detected in samples CARMW27G20131024 (240-30670-7), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW37G20131024 (240-30670-6), CARMW39G20131024 (240-30670-8), TR1VMW23G20131023 (240-30670-1), and TR1VMW24G20131023 (240-30670-2); therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 109089 recovered DDT and Methoxychlor above the upper control limits. Sample CARMW26G20131024 (240-30670-5) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109089 recovered DDT, Methoxychlor, delta-BHC, and Heptachlor above the upper control limits. Sample CARMW26G20131024 (240-30670-5) associated with this CCV was non-detects for the affected analytes; therefore, the data have been reported.

The opening and closing continuing calibration verifications (CCV) associated with batch 108129 recovered DDD, DDT, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, and Methoxychlor above the upper control limist. Sample CARSSIPZ04G20131024 (240-30670-9) associated with these CCVs were non-detects for the affected analytes; therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 108129 recovered DDT, Endosulfan Sulfate, Endrin, Heptachlor, and Methoxychlor above the upper control limits. Samples CARMW27G20131024 (240-30670-7), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW37G20131024 (240-30670-6), CARMW39G20131024 (240-30670-8), TR1VMW23G20131023 (240-30670-1), and TR1VMW24G20131023 (240-30670-2) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 108129 recovered DDD, DDT, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, and Methoxychlor above the upper control limits. Samples

CARMW27G20131024 (240-30670-7), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW37G20131024 (240-30670-6), CARMW39G20131024 (240-30670-8), TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing Toxaphene continuing calibration verification (CCV) associated with batch 108129 recovered above the upper control limit. Samples CARMW27G20131024 (240-30670-7), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW37G20131024 (240-30670-6), CARMW39G20131024 (240-30670-8), CARSSIPZ04G20131024 (240-30670-9), TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2) associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW26G20131024 (240-30670-5), CARMW37G20131024 (240-30670-6), CARMW27G20131024 (240-30670-7), CARMW39G20131024 (240-30670-8) and CARSSIPZ04G20131024 (240-30670-9) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/28/2013 and analyzed on 10/30/2013.

Sample CARSSIPZ04G20131024 (240-30670-9) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW26G20131024 (240-30670-5), CARMW37G20131024 (240-30670-6), CARMW27G20131024 (240-30670-7), CARMW39G20131024 (240-30670-8) and CARSSIPZ04G20131024 (240-30670-9) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/31/2013 and analyzed on 11/05/2013.

Barium was detected in method blank MB 240-107845/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples TR1VMW23G20131023 (240-30670-1), TR1VMW24G20131023 (240-30670-2), CARMW28G20131023 (240-30670-3), CARMW34G20131024 (240-30670-4), CARMW26G20131024 (240-30670-5), CARMW37G20131024 (240-30670-6), CARMW27G20131024 (240-30670-7), CARMW39G20131024 (240-30670-8) and CARSSIPZ04G20131024 (240-30670-9) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/31/2013 and analyzed on 11/01/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30670-1	**TR1VMW23G20131023**					
cis-1,2-Dichloroethene		9600		200	ug/L	8260C
1,1-Dichloroethane		280		200	ug/L	8260C
1,1-Dichloroethene		66	J	200	ug/L	8260C
Toluene		95	J	200	ug/L	8260C
1,1,1-Trichloroethane		110	J	200	ug/L	8260C
Trichloroethene		600		200	ug/L	8260C
Vinyl chloride		650		200	ug/L	8260C
2-Methylnaphthalene		2.4		0.19	ug/L	8270D
2-Methylphenol		1.7		0.95	ug/L	8270D
Bis(2-ethylhexyl) phthalate		0.42	J B	1.9	ug/L	8270D
Di-n-butyl phthalate		1.0	J	1.9	ug/L	8270D
Naphthalene		15		0.19	ug/L	8270D
delta-BHC		0.021	J	0.049	ug/L	8081B
Total Recoverable						
Arsenic		16		15	ug/L	6010C
Barium		200	B	200	ug/L	6010C
240-30670-2	**TR1VMW24G20131023**					
cis-1,2-Dichloroethene		4600		100	ug/L	8260C
1,1-Dichloroethane		130		100	ug/L	8260C
1,1-Dichloroethene		45	J	100	ug/L	8260C
Trichloroethene		81	J	100	ug/L	8260C
Bis(2-ethylhexyl) phthalate		0.38	J B	1.9	ug/L	8270D
Di-n-butyl phthalate		0.74	J	1.9	ug/L	8270D
Total Recoverable						
Barium		44	J B	200	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30670-3	**CARMW28G20131023**					
Acetone		1.1	J B *	10	ug/L	8260C
Carbon disulfide		0.31	J	1.0	ug/L	8260C
Chloroform		0.37	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		20		1.0	ug/L	8260C
1,4-Dichlorobenzene		2.6		1.0	ug/L	8260C
1,1-Dichloroethane		9.8		1.0	ug/L	8260C
1,1-Dichloroethene		0.19	J	1.0	ug/L	8260C
Tetrachloroethene		0.76	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		5.3		1.0	ug/L	8260C
Trichloroethene		41		1.0	ug/L	8260C
Vinyl chloride		0.44	J	1.0	ug/L	8260C
delta-BHC		0.031	J	0.048	ug/L	8081B
gamma-BHC (Lindane)		0.047	J	0.048	ug/L	8081B
Total Recoverable						
Barium		140	J B	200	ug/L	6010C
240-30670-4	**CARMW34G20131024**					
Acetone		3.3	J B *	10	ug/L	8260C
Carbon disulfide		2.6		1.0	ug/L	8260C
Chloroethane		1.9		1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.9		1.0	ug/L	8260C
1,2-Dichlorobenzene		0.35	J	1.0	ug/L	8260C
1,1-Dichloroethane		17		1.0	ug/L	8260C
Tetrachloroethene		0.43	J	1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.71	J	1.0	ug/L	8260C
Trichloroethene		1.7		1.0	ug/L	8260C
Vinyl chloride		3.8		1.0	ug/L	8260C
4-Chloro-3-methylphenol		13		9.8	ug/L	8270D
Carbazole		1.6	J	4.9	ug/L	8270D
Fluorene		0.71	J	0.98	ug/L	8270D
Phenanthrene		0.40	J	0.98	ug/L	8270D
delta-BHC		0.022	J	0.049	ug/L	8081B
Total Recoverable						
Arsenic		10	J	15	ug/L	6010C
Barium		520	B	200	ug/L	6010C
Chromium		8.9	J	10	ug/L	6010C
Lead		2.2	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30670-5	**CARMW26G20131024**					
Acetone		3.5	J B *	10	ug/L	8260C
Carbon disulfide		0.23	J	1.0	ug/L	8260C
Chloroform		1.9		1.0	ug/L	8260C
cis-1,2-Dichloroethene		8.1		1.0	ug/L	8260C
1,4-Dichlorobenzene		2.3		1.0	ug/L	8260C
1,1-Dichloroethane		4.2		1.0	ug/L	8260C
1,1-Dichloroethene		1.3		1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260C
1,2,4-Trichlorobenzene		1.1		1.0	ug/L	8260C
Trichloroethene		22		1.0	ug/L	8260C
Vinyl chloride		3.7		1.0	ug/L	8260C
Carbazole		0.46	J	1.0	ug/L	8270D
Di-n-butyl phthalate		0.82	J	2.1	ug/L	8270D
4,4'-DDE		0.37		0.053	ug/L	8081B
Endrin		0.036	J *	0.053	ug/L	8081B
Heptachlor		0.019	J *	0.053	ug/L	8081B
Total Recoverable						
Barium		140	J B	200	ug/L	6010C
Chromium		3.2	J	10	ug/L	6010C
240-30670-6	**CARMW37G20131024**					
cis-1,2-Dichloroethene		880		830	ug/L	8260C
Trichloroethene		41000		830	ug/L	8260C
Naphthalene		0.12	J	0.19	ug/L	8270D
Total Recoverable						
Barium		56	J B	200	ug/L	6010C
Chromium		180		10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30670-7	**CARMW27G20131024**					
Carbon disulfide		1.8		1.7	ug/L	8260C
Chloroform		2.3		1.7	ug/L	8260C
cis-1,2-Dichloroethene		14		1.7	ug/L	8260C
1,1-Dichloroethane		23		1.7	ug/L	8260C
1,1-Dichloroethene		3.1		1.7	ug/L	8260C
trans-1,2-Dichloroethene		0.45	J	1.7	ug/L	8260C
1,1,1-Trichloroethane		3.3		1.7	ug/L	8260C
Trichloroethene		59		1.7	ug/L	8260C
Vinyl chloride		2.8		1.7	ug/L	8260C
Anthracene		0.57		0.19	ug/L	8270D
Di-n-butyl phthalate		0.98	J	1.9	ug/L	8270D
delta-BHC		0.026	J	0.048	ug/L	8081B
gamma-BHC (Lindane)		0.013	J	0.048	ug/L	8081B
Total Recoverable						
Barium		130	J B	200	ug/L	6010C
240-30670-8	**CARMW39G20131024**					
Acetone		10	J B *	50	ug/L	8260C
cis-1,2-Dichloroethene		63		5.0	ug/L	8260C
trans-1,2-Dichloroethene		2.6	J	5.0	ug/L	8260C
Trichloroethene		230		5.0	ug/L	8260C
Vinyl chloride		2.7	J	5.0	ug/L	8260C
Bis(2-ethylhexyl) phthalate		0.31	J B	1.9	ug/L	8270D
delta-BHC		0.021	J	0.050	ug/L	8081B
Total Recoverable						
Barium		96	J B	200	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30670-9	**CARSSIPZ04G20131024**					
Carbon disulfide		39		8.0	ug/L	8260C
cis-1,2-Dichloroethene		340		8.0	ug/L	8260C
1,1-Dichloroethane		230		8.0	ug/L	8260C
1,1-Dichloroethene		20		8.0	ug/L	8260C
Toluene		5.5	J	8.0	ug/L	8260C
trans-1,2-Dichloroethene		4.9	J	8.0	ug/L	8260C
1,1,1-Trichloroethane		70		8.0	ug/L	8260C
Trichloroethene		11		8.0	ug/L	8260C
Vinyl chloride		34		8.0	ug/L	8260C
4-Chloro-3-methylphenol		9.0	J	19	ug/L	8270D
Naphthalene		1.0	J	1.9	ug/L	8270D
Aroclor-1260		0.22	J	0.48	ug/L	8082A
Total Recoverable						
Arsenic		3.2	J	15	ug/L	6010C
Barium		510	B	200	ug/L	6010C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30670-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Total Recoverable or Dissolved Metals	TAL CAN		SW846 3005A
Mercury (CVAA)	TAL CAN	SW846 7470A	
Preparation, Mercury	TAL CAN		SW846 7470A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30670-1

Method	Analyst	Analyst ID
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Gruber, John	JMG
SW846 8270D	Hula, Tom	TMH
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Hass, Lori	LSH
SW846 6010C	Counts, Karen	KLC
SW846 7470A	Sutherland, Aaron	ADS

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30670-1	TR1VMW23G20131023	Water	10/23/2013 0907	10/25/2013 0920
240-30670-2	TR1VMW24G20131023	Water	10/23/2013 1029	10/25/2013 0920
240-30670-3	CARMW28G20131023	Water	10/23/2013 1715	10/25/2013 0920
240-30670-4	CARMW34G20131024	Water	10/24/2013 0815	10/25/2013 0920
240-30670-5	CARMW26G20131024	Water	10/24/2013 0953	10/25/2013 0920
240-30670-6	CARMW37G20131024	Water	10/24/2013 1140	10/25/2013 0920
240-30670-7	CARMW27G20131024	Water	10/24/2013 1215	10/25/2013 0920
240-30670-8	CARMW39G20131024	Water	10/24/2013 1430	10/25/2013 0920
240-30670-9	CARSSIPZ04G20131024	Water	10/24/2013 1448	10/25/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1469.D
Dilution:	200			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1215			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1215				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	220	2000
Benzene	ND		26	200
Bromoform	ND		130	200
Bromomethane	ND		82	200
2-Butanone (MEK)	ND	*	110	2000
Carbon disulfide	ND		26	200
Carbon tetrachloride	ND		26	200
Chlorobenzene	ND		30	200
Chlorodibromomethane	ND	*	36	200
Chloroethane	ND		58	200
Chloroform	ND		32	200
Chloromethane	ND		60	200
cis-1,2-Dichloroethene	9600		34	200
cis-1,3-Dichloropropene	ND	*	28	200
1,2-Dibromo-3-Chloropropane	ND		130	400
1,2-Dichlorobenzene	ND		26	200
1,3-Dichlorobenzene	ND		28	200
1,4-Dichlorobenzene	ND		26	200
Dichlorobromomethane	ND	*	30	200
Dichlorodifluoromethane	ND		62	200
1,1-Dichloroethane	280		30	200
1,2-Dichloroethane	ND		44	200
1,1-Dichloroethene	66	J	38	200
1,2-Dichloropropane	ND		36	200
Ethylbenzene	ND		34	200
Ethylene Dibromide	ND	*	48	200
2-Hexanone	ND		82	2000
Isopropylbenzene	ND		26	200
Methylene Chloride	ND		66	200
4-Methyl-2-pentanone (MIBK)	ND	*	64	2000
Methyl tert-butyl ether	ND		34	200
Styrene	ND		22	200
1,1,2,2-Tetrachloroethane	ND		36	200
Tetrachloroethene	ND		58	200
Toluene	95	J	26	200
trans-1,2-Dichloroethene	ND		38	200
trans-1,3-Dichloropropene	ND	*	38	200
1,2,4-Trichlorobenzene	ND		30	200
1,1,1-Trichloroethane	110	J	44	200
1,1,2-Trichloroethane	ND		54	200
Trichloroethene	600		34	200
Trichlorofluoromethane	ND		42	200
Vinyl chloride	650		44	200
Xylenes, Total	ND		28	400

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1469.D
Dilution:	200			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1215			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1215				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 117
Dibromofluoromethane (Surr)	103		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	99		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1469.D
Dilution:	200			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1215			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1215				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1470.D
Dilution:	100			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1237			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1237				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	110	1000
Benzene	ND		13	100
Bromoform	ND		64	100
Bromomethane	ND		41	100
2-Butanone (MEK)	ND	*	57	1000
Carbon disulfide	ND		13	100
Carbon tetrachloride	ND		13	100
Chlorobenzene	ND		15	100
Chlorodibromomethane	ND	*	18	100
Chloroethane	ND		29	100
Chloroform	ND		16	100
Chloromethane	ND		30	100
cis-1,2-Dichloroethene	4600		17	100
cis-1,3-Dichloropropene	ND	*	14	100
1,2-Dibromo-3-Chloropropane	ND		67	200
1,2-Dichlorobenzene	ND		13	100
1,3-Dichlorobenzene	ND		14	100
1,4-Dichlorobenzene	ND		13	100
Dichlorobromomethane	ND	*	15	100
Dichlorodifluoromethane	ND		31	100
1,1-Dichloroethane	130		15	100
1,2-Dichloroethane	ND		22	100
1,1-Dichloroethene	45	J	19	100
1,2-Dichloropropane	ND		18	100
Ethylbenzene	ND		17	100
Ethylene Dibromide	ND	*	24	100
2-Hexanone	ND		41	1000
Isopropylbenzene	ND		13	100
Methylene Chloride	ND		33	100
4-Methyl-2-pentanone (MIBK)	ND	*	32	1000
Methyl tert-butyl ether	ND		17	100
Styrene	ND		11	100
1,1,2,2-Tetrachloroethane	ND		18	100
Tetrachloroethene	ND		29	100
Toluene	ND		13	100
trans-1,2-Dichloroethene	ND		19	100
trans-1,3-Dichloropropene	ND	*	19	100
1,2,4-Trichlorobenzene	ND		15	100
1,1,1-Trichloroethane	ND		22	100
1,1,2-Trichloroethane	ND		27	100
Trichloroethene	81	J	17	100
Trichlorofluoromethane	ND		21	100
Vinyl chloride	ND		22	100
Xylenes, Total	ND		14	200

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1470.D
Dilution:	100			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1237			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1237				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	96		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1470.D
Dilution:	100			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1237			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1237				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1471.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1259			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1259				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.31	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	0.37	J	0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	20		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	2.6		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	9.8		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	0.19	J	0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.76	J	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	5.3		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	41		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	0.44	J	0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1471.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1259			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1259				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1471.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1259			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1259				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.45	9.4	T J N

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1472.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1322			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1322				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	2.6		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	1.9		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	2.9		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	0.35	J	0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	17		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.43	J	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	0.71	J	0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	1.7		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	3.8		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1472.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1322			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1322				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	93		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1472.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1322			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1322				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.45	81	T J N
496-11-7	Indane	10.80	4.9	T J N
91-17-8	Naphthalene, decahydro-	10.91	6.8	T J N
1005-64-7	Benzene, 1-butenyl-, (E)-	11.31	5.2	T J N
767-58-8	Indan, 1-methyl-	11.38	19	T J N
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	11.55	6.9	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.65	12	T J N
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.14	26	T J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.52	11	T J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.62	17	T J N

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1473.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1344			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.5	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.23	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	1.9		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	8.1		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	2.3		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	4.2		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	1.3		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	0.27	J	0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	1.1		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	22		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	3.7		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1473.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1344			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1344				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	102		75 - 121
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1473.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1344			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1344				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.44	3.3	T J N

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1474.D
Dilution:	833.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1407			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	920	8300
Benzene	ND		110	830
Bromoform	ND		530	830
Bromomethane	ND		340	830
2-Butanone (MEK)	ND	*	470	8300
Carbon disulfide	ND		110	830
Carbon tetrachloride	ND		110	830
Chlorobenzene	ND		120	830
Chlorodibromomethane	ND	*	150	830
Chloroethane	ND		240	830
Chloroform	ND		130	830
Chloromethane	ND		250	830
cis-1,2-Dichloroethene	880		140	830
cis-1,3-Dichloropropene	ND	*	120	830
1,2-Dibromo-3-Chloropropane	ND		560	1700
1,2-Dichlorobenzene	ND		110	830
1,3-Dichlorobenzene	ND		120	830
1,4-Dichlorobenzene	ND		110	830
Dichlorobromomethane	ND	*	120	830
Dichlorodifluoromethane	ND		260	830
1,1-Dichloroethane	ND		120	830
1,2-Dichloroethane	ND		180	830
1,1-Dichloroethene	ND		160	830
1,2-Dichloropropane	ND		150	830
Ethylbenzene	ND		140	830
Ethylene Dibromide	ND	*	200	830
2-Hexanone	ND		340	8300
Isopropylbenzene	ND		110	830
Methylene Chloride	ND		270	830
4-Methyl-2-pentanone (MIBK)	ND	*	270	8300
Methyl tert-butyl ether	ND		140	830
Styrene	ND		92	830
1,1,2,2-Tetrachloroethane	ND		150	830
Tetrachloroethene	ND		240	830
Toluene	ND		110	830
trans-1,2-Dichloroethene	ND		160	830
trans-1,3-Dichloropropene	ND	*	160	830
1,2,4-Trichlorobenzene	ND		120	830
1,1,1-Trichloroethane	ND		180	830
1,1,2-Trichloroethane	ND		220	830
Trichloroethene	41000		140	830
Trichlorofluoromethane	ND		170	830
Vinyl chloride	ND		180	830
Xylenes, Total	ND		120	1700

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1474.D
Dilution:	833.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1407			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1407				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1474.D
Dilution:	833.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1407			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1407				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1475.D
Dilution:	1.67			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1429			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1429				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	1.8	17
Benzene	ND		0.22	1.7
Bromoform	ND		1.1	1.7
Bromomethane	ND		0.68	1.7
2-Butanone (MEK)	ND	*	0.95	17
Carbon disulfide	1.8		0.22	1.7
Carbon tetrachloride	ND		0.22	1.7
Chlorobenzene	ND		0.25	1.7
Chlorodibromomethane	ND	*	0.30	1.7
Chloroethane	ND		0.48	1.7
Chloroform	2.3		0.27	1.7
Chloromethane	ND		0.50	1.7
cis-1,2-Dichloroethene	14		0.28	1.7
cis-1,3-Dichloropropene	ND	*	0.23	1.7
1,2-Dibromo-3-Chloropropane	ND		1.1	3.3
1,2-Dichlorobenzene	ND		0.22	1.7
1,3-Dichlorobenzene	ND		0.23	1.7
1,4-Dichlorobenzene	ND		0.22	1.7
Dichlorobromomethane	ND	*	0.25	1.7
Dichlorodifluoromethane	ND		0.52	1.7
1,1-Dichloroethane	23		0.25	1.7
1,2-Dichloroethane	ND		0.37	1.7
1,1-Dichloroethene	3.1		0.32	1.7
1,2-Dichloropropane	ND		0.30	1.7
Ethylbenzene	ND		0.28	1.7
Ethylene Dibromide	ND	*	0.40	1.7
2-Hexanone	ND		0.68	17
Isopropylbenzene	ND		0.22	1.7
Methylene Chloride	ND		0.55	1.7
4-Methyl-2-pentanone (MIBK)	ND	*	0.53	17
Methyl tert-butyl ether	ND		0.28	1.7
Styrene	ND		0.18	1.7
1,1,2,2-Tetrachloroethane	ND		0.30	1.7
Tetrachloroethene	ND		0.48	1.7
Toluene	ND		0.22	1.7
trans-1,2-Dichloroethene	0.45	J	0.32	1.7
trans-1,3-Dichloropropene	ND	*	0.32	1.7
1,2,4-Trichlorobenzene	ND		0.25	1.7
1,1,1-Trichloroethane	3.3		0.37	1.7
1,1,2-Trichloroethane	ND		0.45	1.7
Trichloroethene	59		0.28	1.7
Trichlorofluoromethane	ND		0.35	1.7
Vinyl chloride	2.8		0.37	1.7
Xylenes, Total	ND		0.23	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1475.D
Dilution:	1.67			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1429			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1429				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	83		66 - 117
Dibromofluoromethane (Surr)	92		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	90		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1475.D
Dilution:	1.67			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1429			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1429				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1476.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1451			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	J B *	5.5	50
Benzene	ND		0.65	5.0
Bromoform	ND		3.2	5.0
Bromomethane	ND		2.1	5.0
2-Butanone (MEK)	ND	*	2.9	50
Carbon disulfide	ND		0.65	5.0
Carbon tetrachloride	ND		0.65	5.0
Chlorobenzene	ND		0.75	5.0
Chlorodibromomethane	ND	*	0.90	5.0
Chloroethane	ND		1.5	5.0
Chloroform	ND		0.80	5.0
Chloromethane	ND		1.5	5.0
cis-1,2-Dichloroethene	63		0.85	5.0
cis-1,3-Dichloropropene	ND	*	0.70	5.0
1,2-Dibromo-3-Chloropropane	ND		3.4	10
1,2-Dichlorobenzene	ND		0.65	5.0
1,3-Dichlorobenzene	ND		0.70	5.0
1,4-Dichlorobenzene	ND		0.65	5.0
Dichlorobromomethane	ND	*	0.75	5.0
Dichlorodifluoromethane	ND		1.6	5.0
1,1-Dichloroethane	ND		0.75	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,1-Dichloroethene	ND		0.95	5.0
1,2-Dichloropropane	ND		0.90	5.0
Ethylbenzene	ND		0.85	5.0
Ethylene Dibromide	ND	*	1.2	5.0
2-Hexanone	ND		2.1	50
Isopropylbenzene	ND		0.65	5.0
Methylene Chloride	ND		1.7	5.0
4-Methyl-2-pentanone (MIBK)	ND	*	1.6	50
Methyl tert-butyl ether	ND		0.85	5.0
Styrene	ND		0.55	5.0
1,1,2,2-Tetrachloroethane	ND		0.90	5.0
Tetrachloroethene	ND		1.5	5.0
Toluene	ND		0.65	5.0
trans-1,2-Dichloroethene	2.6	J	0.95	5.0
trans-1,3-Dichloropropene	ND	*	0.95	5.0
1,2,4-Trichlorobenzene	ND		0.75	5.0
1,1,1-Trichloroethane	ND		1.1	5.0
1,1,2-Trichloroethane	ND		1.4	5.0
Trichloroethene	230		0.85	5.0
Trichlorofluoromethane	ND		1.1	5.0
Vinyl chloride	2.7	J	1.1	5.0
Xylenes, Total	ND		0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1476.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1451			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1451				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	102		75 - 121
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1476.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1451			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1451				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1477.D
Dilution:	8.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1514			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1514				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	8.8	80
Benzene	ND		1.0	8.0
Bromoform	ND		5.1	8.0
Bromomethane	ND		3.3	8.0
2-Butanone (MEK)	ND	*	4.6	80
Carbon disulfide	39		1.0	8.0
Carbon tetrachloride	ND		1.0	8.0
Chlorobenzene	ND		1.2	8.0
Chlorodibromomethane	ND	*	1.4	8.0
Chloroethane	ND		2.3	8.0
Chloroform	ND		1.3	8.0
Chloromethane	ND		2.4	8.0
cis-1,2-Dichloroethene	340		1.4	8.0
cis-1,3-Dichloropropene	ND	*	1.1	8.0
1,2-Dibromo-3-Chloropropane	ND		5.4	16
1,2-Dichlorobenzene	ND		1.0	8.0
1,3-Dichlorobenzene	ND		1.1	8.0
1,4-Dichlorobenzene	ND		1.0	8.0
Dichlorobromomethane	ND	*	1.2	8.0
Dichlorodifluoromethane	ND		2.5	8.0
1,1-Dichloroethane	230		1.2	8.0
1,2-Dichloroethane	ND		1.8	8.0
1,1-Dichloroethene	20		1.5	8.0
1,2-Dichloropropane	ND		1.4	8.0
Ethylbenzene	ND		1.4	8.0
Ethylene Dibromide	ND	*	1.9	8.0
2-Hexanone	ND		3.3	80
Isopropylbenzene	ND		1.0	8.0
Methylene Chloride	ND		2.6	8.0
4-Methyl-2-pentanone (MIBK)	ND	*	2.6	80
Methyl tert-butyl ether	ND		1.4	8.0
Styrene	ND		0.88	8.0
1,1,2,2-Tetrachloroethane	ND		1.4	8.0
Tetrachloroethene	ND		2.3	8.0
Toluene	5.5	J	1.0	8.0
trans-1,2-Dichloroethene	4.9	J	1.5	8.0
trans-1,3-Dichloropropene	ND	*	1.5	8.0
1,2,4-Trichlorobenzene	ND		1.2	8.0
1,1,1-Trichloroethane	70		1.8	8.0
1,1,2-Trichloroethane	ND		2.2	8.0
Trichloroethene	11		1.4	8.0
Trichlorofluoromethane	ND		1.7	8.0
Vinyl chloride	34		1.8	8.0
Xylenes, Total	ND		1.1	16

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1477.D
Dilution:	8.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1514			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1514				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	102		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	91		74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1477.D
Dilution:	8.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1514			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1514				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109030.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/09/2013 1917			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.30	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.95
2-Methylnaphthalene	2.4		0.086	0.19
2-Methylphenol	1.7		0.16	0.95
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.76	1.9
3,3'-Dichlorobenzidine	ND		0.35	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.042	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.32	0.95
Anthracene	ND		0.084	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.044	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.30	0.95
Bis(2-chloroethyl)ether	ND		0.095	0.95
Bis(2-ethylhexyl) phthalate	0.42	J B	0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.95
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	1.0	J	0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.042	0.19
Dibenzofuran	ND		0.019	0.95
Diethyl phthalate	ND		0.57	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.042	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.081	0.19
Hexachlorobutadiene	ND		0.26	0.95
Hexachlorocyclopentadiene	ND		0.23	9.5

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109030.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/09/2013 1917			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.95
Indeno[1,2,3-cd]pyrene	ND		0.041	0.19
Isophorone	ND		0.26	0.95
N-Nitrosodi-n-propylamine	ND		0.23	0.95
N-Nitrosodiphenylamine	ND		0.30	0.95
Naphthalene	15		0.060	0.19
Nitrobenzene	ND		0.038	0.95
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.059	0.19
Phenol	ND		0.57	0.95
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.95
2,6-Dinitrotoluene	ND		0.76	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	43		24 - 110
Phenol-d5 (Surr)	70		21 - 110
Nitrobenzene-d5 (Surr)	65		21 - 110
2-Fluorophenol (Surr)	66		10 - 110
2-Fluorobiphenyl (Surr)	57		20 - 110
2,4,6-Tribromophenol (Surr)	74		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109032.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/09/2013 2000			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.96
2-Methylnaphthalene	ND		0.087	0.19
2-Methylphenol	ND		0.16	0.96
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.77	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	0.38	J B	0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.96
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	0.74	J	0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.96
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.082	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.23	9.6

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109032.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/09/2013 2000			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.96
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.96
N-Nitrosodi-n-propylamine	ND		0.23	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
Naphthalene	ND		0.060	0.19
Nitrobenzene	ND		0.038	0.96
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.96
2,6-Dinitrotoluene	ND		0.77	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	72		24 - 110
Phenol-d5 (Surr)	69		21 - 110
Nitrobenzene-d5 (Surr)	65		21 - 110
2-Fluorophenol (Surr)	66		10 - 110
2-Fluorobiphenyl (Surr)	63		20 - 110
2,4,6-Tribromophenol (Surr)	76		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109033.D
Dilution:	4.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/09/2013 2022			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.91	19
2,4,5-Trichlorophenol	ND		1.1	19
2,4-Dichlorophenol	ND		0.72	7.6
2,4-Dimethylphenol	ND		0.95	7.6
2,4-Dinitrophenol	ND		1.2	19
2,4-Dinitrotoluene	ND		0.95	19
2-Chlorophenol	ND		1.1	3.8
2-Methylnaphthalene	ND		0.34	0.76
2-Methylphenol	ND		0.65	3.8
2-Nitroaniline	ND		0.80	7.6
2-Nitrophenol	ND		1.1	7.6
3 & 4 Methylphenol	ND		3.0	7.6
3,3'-Dichlorobenzidine	ND		1.4	19
3-Nitroaniline	ND		1.1	7.6
4,6-Dinitro-2-methylphenol	ND		9.1	19
4-Bromophenyl phenyl ether	ND		0.84	7.6
4-Chloro-3-methylphenol	ND		0.80	7.6
4-Chloroaniline	ND		0.80	7.6
4-Chlorophenyl phenyl ether	ND		1.1	7.6
4-Nitroaniline	ND		0.84	7.6
Acenaphthene	ND		0.17	0.76
Acenaphthylene	ND		0.18	0.76
Acetophenone	ND		1.3	3.8
Anthracene	ND		0.33	0.76
Benzo[a]anthracene	ND		0.11	0.76
Benzo[a]pyrene	ND		0.20	0.76
Benzo[b]fluoranthene	ND		0.15	0.76
Benzo[g,h,i]perylene	ND		0.18	0.76
Benzo[k]fluoranthene	ND		0.17	0.76
Bis(2-chloroethoxy)methane	ND		1.2	3.8
Bis(2-chloroethyl)ether	ND		0.38	3.8
Bis(2-ethylhexyl) phthalate	ND		0.84	7.6
Butyl benzyl phthalate	ND		0.99	7.6
Carbazole	ND		1.1	3.8
Chrysene	ND		0.19	0.76
Di-n-butyl phthalate	ND		2.6	7.6
Di-n-octyl phthalate	ND		0.88	7.6
Dibenz(a,h)anthracene	ND		0.17	0.76
Dibenzofuran	ND		0.076	3.8
Diethyl phthalate	ND		2.3	7.6
Dimethyl phthalate	ND		1.1	7.6
Fluoranthene	ND		0.17	0.76
Fluorene	ND		0.15	0.76
Hexachlorobenzene	ND		0.32	0.76
Hexachlorobutadiene	ND		1.0	3.8
Hexachlorocyclopentadiene	ND		0.91	38

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109033.D
Dilution:	4.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/09/2013 2022			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.72	3.8
Indeno[1,2,3-cd]pyrene	ND		0.16	0.76
Isophorone	ND		1.0	3.8
N-Nitrosodi-n-propylamine	ND		0.91	3.8
N-Nitrosodiphenylamine	ND		1.2	3.8
Naphthalene	ND		0.24	0.76
Nitrobenzene	ND		0.15	3.8
Pentachlorophenol	ND		1.0	19
Phenanthrene	ND		0.24	0.76
Phenol	ND		2.3	3.8
Pyrene	ND		0.16	0.76
bis (2-chloroisopropyl) ether	ND		1.5	3.8
2,6-Dinitrotoluene	ND		3.0	19
4-Nitrophenol	ND		1.1	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	62		24 - 110
Phenol-d5 (Surr)	73		21 - 110
Nitrobenzene-d5 (Surr)	69		21 - 110
2-Fluorophenol (Surr)	68		10 - 110
2-Fluorobiphenyl (Surr)	65		20 - 110
2,4,6-Tribromophenol (Surr)	77		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031026.D
Dilution:	5.0			Initial Weight/Volume:	1020 mL
Analysis Date:	10/31/2013 2109			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.2	25
2,4,5-Trichlorophenol	ND		1.5	25
2,4-Dichlorophenol	ND		0.93	9.8
2,4-Dimethylphenol	ND		1.2	9.8
2,4-Dinitrophenol	ND		1.6	25
2,4-Dinitrotoluene	ND		1.2	25
2-Chlorophenol	ND		1.4	4.9
2-Methylnaphthalene	ND		0.44	0.98
2-Methylphenol	ND		0.83	4.9
2-Nitroaniline	ND		1.0	9.8
2-Nitrophenol	ND		1.4	9.8
3 & 4 Methylphenol	ND		3.9	9.8
3,3'-Dichlorobenzidine	ND		1.8	25
3-Nitroaniline	ND		1.4	9.8
4,6-Dinitro-2-methylphenol	ND		12	25
4-Bromophenyl phenyl ether	ND		1.1	9.8
4-Chloro-3-methylphenol	13		1.0	9.8
4-Chloroaniline	ND		1.0	9.8
4-Chlorophenyl phenyl ether	ND		1.5	9.8
4-Nitroaniline	ND		1.1	9.8
Acenaphthene	ND		0.22	0.98
Acenaphthylene	ND		0.24	0.98
Acetophenone	ND		1.7	4.9
Anthracene	ND		0.43	0.98
Benzo[a]anthracene	ND		0.14	0.98
Benzo[a]pyrene	ND		0.25	0.98
Benzo[b]fluoranthene	ND		0.19	0.98
Benzo[g,h,i]perylene	ND		0.23	0.98
Benzo[k]fluoranthene	ND		0.22	0.98
Bis(2-chloroethoxy)methane	ND		1.6	4.9
Bis(2-chloroethyl)ether	ND		0.49	4.9
Bis(2-ethylhexyl) phthalate	ND		1.1	9.8
Butyl benzyl phthalate	ND		1.3	9.8
Carbazole	1.6	J	1.4	4.9
Chrysene	ND		0.25	0.98
Di-n-butyl phthalate	ND		3.3	9.8
Di-n-octyl phthalate	ND		1.1	9.8
Dibenz(a,h)anthracene	ND		0.22	0.98
Dibenzofuran	ND		0.098	4.9
Diethyl phthalate	ND		2.9	9.8
Dimethyl phthalate	ND		1.4	9.8
Fluoranthene	ND		0.22	0.98
Fluorene	0.71	J	0.20	0.98
Hexachlorobenzene	ND		0.42	0.98
Hexachlorobutadiene	ND		1.3	4.9
Hexachlorocyclopentadiene	ND		1.2	49

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031026.D
Dilution:	5.0			Initial Weight/Volume:	1020 mL
Analysis Date:	10/31/2013 2109			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.93	4.9
Indeno[1,2,3-cd]pyrene	ND		0.21	0.98
Isophorone	ND		1.3	4.9
N-Nitrosodi-n-propylamine	ND		1.2	4.9
N-Nitrosodiphenylamine	ND		1.5	4.9
Naphthalene	ND		0.31	0.98
Nitrobenzene	ND		0.20	4.9
Pentachlorophenol	ND		1.3	25
Phenanthrene	0.40	J	0.30	0.98
Phenol	ND		2.9	4.9
Pyrene	ND		0.21	0.98
bis (2-chloroisopropyl) ether	ND		2.0	4.9
2,6-Dinitrotoluene	ND		3.9	25
4-Nitrophenol	ND		1.4	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	46		24 - 110
Phenol-d5 (Surr)	74		21 - 110
Nitrobenzene-d5 (Surr)	66		21 - 110
2-Fluorophenol (Surr)	68		10 - 110
2-Fluorobiphenyl (Surr)	72		20 - 110
2,4,6-Tribromophenol (Surr)	85		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031024.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	10/31/2013 2018			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.25	5.2
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4-Dichlorophenol	ND		0.20	2.1
2,4-Dimethylphenol	ND		0.26	2.1
2,4-Dinitrophenol	ND		0.33	5.2
2,4-Dinitrotoluene	ND		0.26	5.2
2-Chlorophenol	ND		0.30	1.0
2-Methylnaphthalene	ND		0.093	0.21
2-Methylphenol	ND		0.18	1.0
2-Nitroaniline	ND		0.22	2.1
2-Nitrophenol	ND		0.29	2.1
3 & 4 Methylphenol	ND		0.82	2.1
3,3'-Dichlorobenzidine	ND		0.38	5.2
3-Nitroaniline	ND		0.29	2.1
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
4-Bromophenyl phenyl ether	ND		0.23	2.1
4-Chloro-3-methylphenol	ND		0.22	2.1
4-Chloroaniline	ND		0.22	2.1
4-Chlorophenyl phenyl ether	ND		0.31	2.1
4-Nitroaniline	ND		0.23	2.1
Acenaphthene	ND		0.046	0.21
Acenaphthylene	ND		0.050	0.21
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.091	0.21
Benzo[a]anthracene	ND		0.030	0.21
Benzo[a]pyrene	ND		0.053	0.21
Benzo[b]fluoranthene	ND		0.041	0.21
Benzo[g,h,i]perylene	ND		0.048	0.21
Benzo[k]fluoranthene	ND		0.046	0.21
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.23	2.1
Butyl benzyl phthalate	ND		0.27	2.1
Carbazole	0.46	J	0.29	1.0
Chrysene	ND		0.052	0.21
Di-n-butyl phthalate	0.82	J	0.69	2.1
Di-n-octyl phthalate	ND		0.24	2.1
Dibenz(a,h)anthracene	ND		0.046	0.21
Dibenzofuran	ND		0.021	1.0
Diethyl phthalate	ND		0.62	2.1
Dimethyl phthalate	ND		0.30	2.1
Fluoranthene	ND		0.046	0.21
Fluorene	ND		0.042	0.21
Hexachlorobenzene	ND		0.088	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.25	10

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031024.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	10/31/2013 2018			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.20	1.0
Indeno[1,2,3-cd]pyrene	ND		0.045	0.21
Isophorone	ND		0.28	1.0
N-Nitrosodi-n-propylamine	ND		0.25	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
Naphthalene	ND		0.065	0.21
Nitrobenzene	ND		0.041	1.0
Pentachlorophenol	ND		0.28	5.2
Phenanthrene	ND		0.064	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.043	0.21
bis (2-chloroisopropyl) ether	ND		0.41	1.0
2,6-Dinitrotoluene	ND		0.82	5.2
4-Nitrophenol	ND		0.30	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	86		24 - 110
Phenol-d5 (Surr)	71		21 - 110
Nitrobenzene-d5 (Surr)	69		21 - 110
2-Fluorophenol (Surr)	67		10 - 110
2-Fluorobiphenyl (Surr)	69		20 - 110
2,4,6-Tribromophenol (Surr)	90		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031023.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	10/31/2013 1952			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.96
2-Methylnaphthalene	ND		0.087	0.19
2-Methylphenol	ND		0.16	0.96
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.77	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	ND		0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.96
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	ND		0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.96
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.082	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.23	9.6

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031023.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	10/31/2013 1952			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.96
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.96
N-Nitrosodi-n-propylamine	ND		0.23	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
Naphthalene	0.12	J	0.060	0.19
Nitrobenzene	ND		0.038	0.96
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.96
2,6-Dinitrotoluene	ND		0.77	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	90		24 - 110
Phenol-d5 (Surr)	75		21 - 110
Nitrobenzene-d5 (Surr)	72		21 - 110
2-Fluorophenol (Surr)	72		10 - 110
2-Fluorobiphenyl (Surr)	73		20 - 110
2,4,6-Tribromophenol (Surr)	76		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031025.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	10/31/2013 2044			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.9
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.9
2,4-Dinitrotoluene	ND		0.24	4.9
2-Chlorophenol	ND		0.28	0.97
2-Methylnaphthalene	ND		0.088	0.19
2-Methylphenol	ND		0.17	0.97
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.78	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.9
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.9
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.047	0.19
Acetophenone	ND		0.33	0.97
Anthracene	0.57		0.085	0.19
Benzo[a]anthracene	ND		0.029	0.19
Benzo[a]pyrene	ND		0.050	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.97
Bis(2-chloroethyl)ether	ND		0.097	0.97
Bis(2-ethylhexyl) phthalate	ND		0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.97
Chrysene	ND		0.049	0.19
Di-n-butyl phthalate	0.98	J	0.65	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.97
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.083	0.19
Hexachlorobutadiene	ND		0.26	0.97
Hexachlorocyclopentadiene	ND		0.23	9.7

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107492	Lab File ID:	31031025.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	10/31/2013 2044			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.97
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.97
N-Nitrosodi-n-propylamine	ND		0.23	0.97
N-Nitrosodiphenylamine	ND		0.30	0.97
Naphthalene	ND		0.061	0.19
Nitrobenzene	ND		0.039	0.97
Pentachlorophenol	ND		0.26	4.9
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.97
Pyrene	ND		0.041	0.19
bis (2-chloroisopropyl) ether	ND		0.39	0.97
2,6-Dinitrotoluene	ND		0.78	4.9
4-Nitrophenol	ND		0.28	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	79		24 - 110
Phenol-d5 (Surr)	72		21 - 110
Nitrobenzene-d5 (Surr)	71		21 - 110
2-Fluorophenol (Surr)	66		10 - 110
2-Fluorobiphenyl (Surr)	70		20 - 110
2,4,6-Tribromophenol (Surr)	82		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104019.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/04/2013 1734			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.9
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.9
2,4-Dinitrotoluene	ND		0.24	4.9
2-Chlorophenol	ND		0.28	0.97
2-Methylnaphthalene	ND		0.088	0.19
2-Methylphenol	ND		0.17	0.97
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.78	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.9
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.9
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.047	0.19
Acetophenone	ND		0.33	0.97
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.029	0.19
Benzo[a]pyrene	ND		0.050	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.97
Bis(2-chloroethyl)ether	ND		0.097	0.97
Bis(2-ethylhexyl) phthalate	0.31	J B	0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.97
Chrysene	ND		0.049	0.19
Di-n-butyl phthalate	ND		0.65	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.97
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.083	0.19
Hexachlorobutadiene	ND		0.26	0.97
Hexachlorocyclopentadiene	ND		0.23	9.7

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104019.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/04/2013 1734			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.97
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.97
N-Nitrosodi-n-propylamine	ND		0.23	0.97
N-Nitrosodiphenylamine	ND		0.30	0.97
Naphthalene	ND		0.061	0.19
Nitrobenzene	ND		0.039	0.97
Pentachlorophenol	ND		0.26	4.9
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.97
Pyrene	ND		0.041	0.19
bis (2-chloroisopropyl) ether	ND		0.39	0.97
2,6-Dinitrotoluene	ND		0.78	4.9
4-Nitrophenol	ND		0.28	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	71		24 - 110
Phenol-d5 (Surr)	64		21 - 110
Nitrobenzene-d5 (Surr)	63		21 - 110
2-Fluorophenol (Surr)	63		10 - 110
2-Fluorobiphenyl (Surr)	63		20 - 110
2,4,6-Tribromophenol (Surr)	74		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109034.D
Dilution:	10			Initial Weight/Volume:	1040 mL
Analysis Date:	11/09/2013 2044			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		2.3	48
2,4,5-Trichlorophenol	ND		2.9	48
2,4-Dichlorophenol	ND		1.8	19
2,4-Dimethylphenol	ND		2.4	19
2,4-Dinitrophenol	ND		3.1	48
2,4-Dinitrotoluene	ND		2.4	48
2-Chlorophenol	ND		2.8	9.6
2-Methylnaphthalene	ND		0.87	1.9
2-Methylphenol	ND		1.6	9.6
2-Nitroaniline	ND		2.0	19
2-Nitrophenol	ND		2.7	19
3 & 4 Methylphenol	ND		7.7	19
3,3'-Dichlorobenzidine	ND		3.6	48
3-Nitroaniline	ND		2.7	19
4,6-Dinitro-2-methylphenol	ND		23	48
4-Bromophenyl phenyl ether	ND		2.1	19
4-Chloro-3-methylphenol	9.0	J	2.0	19
4-Chloroaniline	ND		2.0	19
4-Chlorophenyl phenyl ether	ND		2.9	19
4-Nitroaniline	ND		2.1	19
Acenaphthene	ND		0.42	1.9
Acenaphthylene	ND		0.46	1.9
Acetophenone	ND		3.3	9.6
Anthracene	ND		0.85	1.9
Benzo[a]anthracene	ND		0.28	1.9
Benzo[a]pyrene	ND		0.49	1.9
Benzo[b]fluoranthene	ND		0.38	1.9
Benzo[g,h,i]perylene	ND		0.45	1.9
Benzo[k]fluoranthene	ND		0.43	1.9
Bis(2-chloroethoxy)methane	ND		3.1	9.6
Bis(2-chloroethyl)ether	ND		0.96	9.6
Bis(2-ethylhexyl) phthalate	ND		2.1	19
Butyl benzyl phthalate	ND		2.5	19
Carbazole	ND		2.7	9.6
Chrysene	ND		0.48	1.9
Di-n-butyl phthalate	ND		6.4	19
Di-n-octyl phthalate	ND		2.2	19
Dibenz(a,h)anthracene	ND		0.43	1.9
Dibenzofuran	ND		0.19	9.6
Diethyl phthalate	ND		5.8	19
Dimethyl phthalate	ND		2.8	19
Fluoranthene	ND		0.43	1.9
Fluorene	ND		0.39	1.9
Hexachlorobenzene	ND		0.82	1.9
Hexachlorobutadiene	ND		2.6	9.6
Hexachlorocyclopentadiene	ND		2.3	96

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109080	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-107496	Lab File ID:	1109034.D
Dilution:	10			Initial Weight/Volume:	1040 mL
Analysis Date:	11/09/2013 2044			Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.8	9.6
Indeno[1,2,3-cd]pyrene	ND		0.42	1.9
Isophorone	ND		2.6	9.6
N-Nitrosodi-n-propylamine	ND		2.3	9.6
N-Nitrosodiphenylamine	ND		3.0	9.6
Naphthalene	1.0	J	0.60	1.9
Nitrobenzene	ND		0.38	9.6
Pentachlorophenol	ND		2.6	48
Phenanthrene	ND		0.60	1.9
Phenol	ND		5.8	9.6
Pyrene	ND		0.40	1.9
bis (2-chloroisopropyl) ether	ND		3.8	9.6
2,6-Dinitrotoluene	ND		7.7	48
4-Nitrophenol	ND		2.8	48

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	77		24 - 110
Phenol-d5 (Surr)	75		21 - 110
Nitrobenzene-d5 (Surr)	67		21 - 110
2-Fluorophenol (Surr)	73		10 - 110
2-Fluorobiphenyl (Surr)	69		20 - 110
2,4,6-Tribromophenol (Surr)	79		21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0627			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0093	0.049
4,4'-DDE	ND		0.0094	0.049
4,4'-DDT	ND	*	0.016	0.049
Aldrin	ND		0.0080	0.049
alpha-BHC	ND		0.0068	0.049
beta-BHC	ND		0.0082	0.049
alpha-Chlordane	ND		0.014	0.049
delta-BHC	0.021	J	0.0084	0.049
gamma-BHC (Lindane)	ND		0.0062	0.049
gamma-Chlordane	ND		0.012	0.049
Dieldrin	ND		0.0073	0.049
Endosulfan I	ND		0.013	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.011	0.049
Endrin	ND	*	0.011	0.049
Endrin aldehyde	ND		0.011	0.049
Endrin ketone	ND		0.0076	0.049
Heptachlor	ND	*	0.0078	0.049
Heptachlor epoxide	ND		0.0069	0.049
Methoxychlor	ND	*	0.031	0.097
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		30 - 120
Tetrachloro-m-xylene	104		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0627			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	58		30 - 120
Tetrachloro-m-xylene	100		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0647			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0093	0.049
4,4'-DDE	ND		0.0094	0.049
4,4'-DDT	ND	*	0.016	0.049
Aldrin	ND		0.0080	0.049
alpha-BHC	ND		0.0068	0.049
beta-BHC	ND		0.0082	0.049
alpha-Chlordane	ND		0.014	0.049
delta-BHC	ND		0.0084	0.049
gamma-BHC (Lindane)	ND		0.0062	0.049
gamma-Chlordane	ND		0.012	0.049
Dieldrin	ND		0.0073	0.049
Endosulfan I	ND		0.013	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.011	0.049
Endrin	ND	*	0.011	0.049
Endrin aldehyde	ND		0.011	0.049
Endrin ketone	ND		0.0076	0.049
Heptachlor	ND	*	0.0078	0.049
Heptachlor epoxide	ND		0.0069	0.049
Methoxychlor	ND	*	0.031	0.097
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		30 - 120
Tetrachloro-m-xylene	87		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0647			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 120
Tetrachloro-m-xylene	88		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0707			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0092	0.048
4,4'-DDE	ND		0.0093	0.048
4,4'-DDT	ND	*	0.015	0.048
Aldrin	ND		0.0079	0.048
alpha-BHC	ND		0.0067	0.048
beta-BHC	ND		0.0081	0.048
alpha-Chlordane	ND		0.013	0.048
delta-BHC	0.031	J	0.0084	0.048
gamma-BHC (Lindane)	0.047	J	0.0062	0.048
gamma-Chlordane	ND		0.012	0.048
Dieldrin	ND		0.0072	0.048
Endosulfan I	ND		0.013	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.011	0.048
Endrin	ND	*	0.011	0.048
Endrin aldehyde	ND		0.011	0.048
Endrin ketone	ND		0.0075	0.048
Heptachlor	ND	*	0.0077	0.048
Heptachlor epoxide	ND		0.0068	0.048
Methoxychlor	ND	*	0.031	0.096
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		30 - 120
Tetrachloro-m-xylene	82		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0707			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	49		30 - 120
Tetrachloro-m-xylene	92		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0728			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0094	0.049
4,4'-DDE	ND		0.0095	0.049
4,4'-DDT	ND	*	0.016	0.049
Aldrin	ND		0.0080	0.049
alpha-BHC	ND		0.0069	0.049
beta-BHC	ND		0.0082	0.049
alpha-Chlordane	ND		0.014	0.049
delta-BHC	0.022	J	0.0085	0.049
gamma-BHC (Lindane)	ND		0.0063	0.049
gamma-Chlordane	ND		0.012	0.049
Dieldrin	ND		0.0074	0.049
Endosulfan I	ND		0.013	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.011	0.049
Endrin	ND	*	0.011	0.049
Endrin aldehyde	ND		0.011	0.049
Endrin ketone	ND		0.0076	0.049
Heptachlor	ND	*	0.0078	0.049
Heptachlor epoxide	ND		0.0070	0.049
Methoxychlor	ND	*	0.031	0.098
Toxaphene	ND		0.31	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	27	X	30 - 120
Tetrachloro-m-xylene	76		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0728			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	22	X	30 - 120
Tetrachloro-m-xylene	77		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/09/2013 2055			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.010	0.053
4,4'-DDE	0.37		0.010	0.053
4,4'-DDT	ND	*	0.017	0.053
Aldrin	ND		0.0086	0.053
alpha-BHC	ND		0.0074	0.053
beta-BHC	ND		0.0088	0.053
alpha-Chlordane	ND		0.015	0.053
delta-BHC	ND		0.0092	0.053
gamma-BHC (Lindane)	ND		0.0067	0.053
gamma-Chlordane	ND		0.013	0.053
Dieldrin	ND		0.0079	0.053
Endosulfan I	ND		0.014	0.053
Endosulfan II	ND		0.013	0.053
Endosulfan sulfate	ND		0.012	0.053
Endrin	0.036	J *	0.012	0.053
Endrin aldehyde	ND		0.012	0.053
Endrin ketone	ND		0.0082	0.053
Heptachlor	0.019	J *	0.0084	0.053
Heptachlor epoxide	ND		0.0075	0.053
Methoxychlor	ND	*	0.034	0.11
Toxaphene	ND		0.34	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		30 - 120
Tetrachloro-m-xylene	86		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/09/2013 2055			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		30 - 120
Tetrachloro-m-xylene	76		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0809			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND	*	0.016	0.050
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
beta-BHC	ND		0.0084	0.050
alpha-Chlordane	ND		0.014	0.050
delta-BHC	ND		0.0087	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND	*	0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
Heptachlor	ND	*	0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND	*	0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		30 - 120
Tetrachloro-m-xylene	97		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0809			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		30 - 120
Tetrachloro-m-xylene	111		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0829			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0092	0.048
4,4'-DDE	ND		0.0093	0.048
4,4'-DDT	ND	*	0.015	0.048
Aldrin	ND		0.0079	0.048
alpha-BHC	ND		0.0067	0.048
beta-BHC	ND		0.0081	0.048
alpha-Chlordane	ND		0.013	0.048
delta-BHC	0.026	J	0.0084	0.048
gamma-BHC (Lindane)	0.013	J	0.0062	0.048
gamma-Chlordane	ND		0.012	0.048
Dieldrin	ND		0.0072	0.048
Endosulfan I	ND		0.013	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.011	0.048
Endrin	ND	*	0.011	0.048
Endrin aldehyde	ND		0.011	0.048
Endrin ketone	ND		0.0075	0.048
Heptachlor	ND	*	0.0077	0.048
Heptachlor epoxide	ND		0.0068	0.048
Methoxychlor	ND	*	0.031	0.096
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	71		30 - 120
Tetrachloro-m-xylene	81		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0829			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		30 - 120
Tetrachloro-m-xylene	77		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1010 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0850			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0095	0.050
4,4'-DDE	ND		0.0096	0.050
4,4'-DDT	ND	*	0.016	0.050
Aldrin	ND		0.0081	0.050
alpha-BHC	ND		0.0069	0.050
beta-BHC	ND		0.0083	0.050
alpha-Chlordane	ND		0.014	0.050
delta-BHC	0.021	J	0.0086	0.050
gamma-BHC (Lindane)	ND		0.0063	0.050
gamma-Chlordane	ND		0.012	0.050
Dieldrin	ND		0.0074	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND	*	0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0077	0.050
Heptachlor	ND	*	0.0079	0.050
Heptachlor epoxide	ND		0.0070	0.050
Methoxychlor	ND	*	0.032	0.099
Toxaphene	ND		0.32	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		30 - 120
Tetrachloro-m-xylene	114		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1010 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 0850			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		30 - 120
Tetrachloro-m-xylene	91		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1050 mL
Dilution:	5.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 1012			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.046	0.24
4,4'-DDE	ND		0.046	0.24
4,4'-DDT	ND	*	0.076	0.24
Aldrin	ND		0.039	0.24
alpha-BHC	ND		0.033	0.24
beta-BHC	ND		0.040	0.24
alpha-Chlordane	ND		0.067	0.24
delta-BHC	ND		0.041	0.24
gamma-BHC (Lindane)	ND		0.030	0.24
gamma-Chlordane	ND		0.057	0.24
Dieldrin	ND		0.036	0.24
Endosulfan I	ND		0.062	0.24
Endosulfan II	ND		0.057	0.24
Endosulfan sulfate	ND		0.052	0.24
Endrin	ND	*	0.052	0.24
Endrin aldehyde	ND		0.052	0.24
Endrin ketone	ND		0.037	0.24
Heptachlor	ND	*	0.038	0.24
Heptachlor epoxide	ND		0.034	0.24
Methoxychlor	ND	*	0.15	0.48
Toxaphene	ND		1.5	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		30 - 120
Tetrachloro-m-xylene	101		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Prep Method:	3510C	Prep Batch:	240-107322	Initial Weight/Volume:	1050 mL
Dilution:	5.0			Final Weight/Volume:	5 mL
Analysis Date:	11/04/2013 1012			Injection Volume:	1 uL
Prep Date:	10/28/2013 0819			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	39		30 - 120
Tetrachloro-m-xylene	93		38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0926			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.49
Aroclor-1221	ND		0.13	0.49
Aroclor-1232	ND		0.16	0.49
Aroclor-1242	ND		0.21	0.49
Aroclor-1248	ND		0.097	0.49
Aroclor-1254	ND		0.16	0.49
Aroclor-1260	ND		0.17	0.49
Aroclor-1262	ND		0.15	0.49
Aroclor-1268	ND		0.23	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	79		35 - 137
DCB Decachlorobiphenyl	54		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0926			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		35 - 137
DCB Decachlorobiphenyl	68		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0940			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.49
Aroclor-1221	ND		0.13	0.49
Aroclor-1232	ND		0.16	0.49
Aroclor-1242	ND		0.21	0.49
Aroclor-1248	ND		0.097	0.49
Aroclor-1254	ND		0.16	0.49
Aroclor-1260	ND		0.17	0.49
Aroclor-1262	ND		0.15	0.49
Aroclor-1268	ND		0.23	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		35 - 137
DCB Decachlorobiphenyl	57		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0940			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		35 - 137
DCB Decachlorobiphenyl	78		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0954			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.13	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.096	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	ND		0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	91		35 - 137
DCB Decachlorobiphenyl	55		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0954			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		35 - 137
DCB Decachlorobiphenyl	67		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1008			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.49
Aroclor-1221	ND		0.13	0.49
Aroclor-1232	ND		0.16	0.49
Aroclor-1242	ND		0.22	0.49
Aroclor-1248	ND		0.098	0.49
Aroclor-1254	ND		0.16	0.49
Aroclor-1260	ND		0.17	0.49
Aroclor-1262	ND		0.15	0.49
Aroclor-1268	ND		0.24	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		35 - 137
DCB Decachlorobiphenyl	23		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1008			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		35 - 137
DCB Decachlorobiphenyl	27		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1022			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.18	0.53
Aroclor-1221	ND		0.14	0.53
Aroclor-1232	ND		0.17	0.53
Aroclor-1242	ND		0.23	0.53
Aroclor-1248	ND		0.11	0.53
Aroclor-1254	ND		0.17	0.53
Aroclor-1260	ND		0.18	0.53
Aroclor-1262	ND		0.16	0.53
Aroclor-1268	ND		0.25	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	100		35 - 137
DCB Decachlorobiphenyl	74		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1022			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		35 - 137
DCB Decachlorobiphenyl	92		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1037			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	107		35 - 137
DCB Decachlorobiphenyl	77		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1037			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	107		35 - 137
DCB Decachlorobiphenyl	93		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1051			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.13	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.096	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	ND		0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	94		35 - 137
DCB Decachlorobiphenyl	63		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1051			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		35 - 137
DCB Decachlorobiphenyl	77		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1010 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1105			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.099	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	97		35 - 137
DCB Decachlorobiphenyl	71		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1010 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 1105			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		35 - 137
DCB Decachlorobiphenyl	90		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0824			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.12	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.095	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	0.22	J	0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		35 - 137
DCB Decachlorobiphenyl	18		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Prep Method:	3510C	Prep Batch:	240-107321	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	10/30/2013 0824			Injection Volume:	1 uL
Prep Date:	10/28/2013 0816			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		35 - 137
DCB Decachlorobiphenyl	28		10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW23G20131023**

Lab Sample ID: 240-30670-1 Date Sampled: 10/23/2013 0907
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0812			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	16		3.2	15
Barium	200	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1614			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **TR1VMW24G20131023**

Lab Sample ID: 240-30670-2 Date Sampled: 10/23/2013 1029
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0828			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	44	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1636			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW28G20131023**

Lab Sample ID: 240-30670-3 Date Sampled: 10/23/2013 1715
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0832			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	140	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1638			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW34G20131024**

Lab Sample ID: 240-30670-4 Date Sampled: 10/24/2013 0815
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0836			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	10	J	3.2	15
Barium	520	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	8.9	J	2.2	10
Lead	2.2	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1639			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW26G20131024**

Lab Sample ID: 240-30670-5 Date Sampled: 10/24/2013 0953
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0848			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	140	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	3.2	J	2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1640			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW37G20131024**

Lab Sample ID: 240-30670-6 Date Sampled: 10/24/2013 1140
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0853			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	56	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	180		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1642			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW27G20131024**

Lab Sample ID: 240-30670-7 Date Sampled: 10/24/2013 1215
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0857			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	130	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1643			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARMW39G20131024**

Lab Sample ID: 240-30670-8 Date Sampled: 10/24/2013 1430
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0901			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	96	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1649			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30670-1

Client Sample ID: **CARSSIPZ04G20131024**

Lab Sample ID: 240-30670-9 Date Sampled: 10/24/2013 1448
Client Matrix: Water Date Received: 10/25/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0905			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	3.2	J	3.2	15
Barium	510	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1651			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	*	LCS or LCSD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-108601					
LCS 240-108601/4	Lab Control Sample	T	Water	8260C	
MB 240-108601/6	Method Blank	T	Water	8260C	
240-30670-1	TR1VMW23G20131023	T	Water	8260C	
240-30670-1MS	Matrix Spike	T	Water	8260C	
240-30670-1MSD	Matrix Spike Duplicate	T	Water	8260C	
240-30670-2	TR1VMW24G20131023	T	Water	8260C	
240-30670-3	CARMW28G20131023	T	Water	8260C	
240-30670-4	CARMW34G20131024	T	Water	8260C	
240-30670-5	CARMW26G20131024	T	Water	8260C	
240-30670-6	CARMW37G20131024	T	Water	8260C	
240-30670-7	CARMW27G20131024	T	Water	8260C	
240-30670-8	CARMW39G20131024	T	Water	8260C	
240-30670-9	CARSSIPZ04G20131024	T	Water	8260C	

Report Basis

T = Total

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-107492					
LCS 240-107492/22-A	Lab Control Sample	T	Water	3520C	
MB 240-107492/21-A	Method Blank	T	Water	3520C	
240-30670-4	CARMW34G20131024	T	Water	3520C	
240-30670-5	CARMW26G20131024	T	Water	3520C	
240-30670-6	CARMW37G20131024	T	Water	3520C	
240-30670-7	CARMW27G20131024	T	Water	3520C	
Prep Batch: 240-107496					
LCS 240-107496/24-A	Lab Control Sample	T	Water	3520C	
MB 240-107496/23-A	Method Blank	T	Water	3520C	
240-30670-1	TR1VMW23G20131023	T	Water	3520C	
240-30670-2	TR1VMW24G20131023	T	Water	3520C	
240-30670-3	CARMW28G20131023	T	Water	3520C	
240-30670-9	CARSSIPZ04G20131024	T	Water	3520C	
Prep Batch: 240-107842					
LCS 240-107842/24-A	Lab Control Sample	T	Water	3520C	
MB 240-107842/23-A	Method Blank	T	Water	3520C	
240-30670-8	CARMW39G20131024	T	Water	3520C	
Analysis Batch:240-107883					
MB 240-107492/21-A	Method Blank	T	Water	8270D	240-107492
240-30670-4	CARMW34G20131024	T	Water	8270D	240-107492
240-30670-5	CARMW26G20131024	T	Water	8270D	240-107492
240-30670-6	CARMW37G20131024	T	Water	8270D	240-107492
240-30670-7	CARMW27G20131024	T	Water	8270D	240-107492
Analysis Batch:240-108197					
LCS 240-107496/24-A	Lab Control Sample	T	Water	8270D	240-107496
MB 240-107496/23-A	Method Blank	T	Water	8270D	240-107496
Analysis Batch:240-108259					
LCS 240-107492/22-A	Lab Control Sample	T	Water	8270D	240-107492
LCS 240-107842/24-A	Lab Control Sample	T	Water	8270D	240-107842
MB 240-107842/23-A	Method Blank	T	Water	8270D	240-107842
240-30670-8	CARMW39G20131024	T	Water	8270D	240-107842
Analysis Batch:240-109080					
240-30670-1	TR1VMW23G20131023	T	Water	8270D	240-107496
240-30670-2	TR1VMW24G20131023	T	Water	8270D	240-107496
240-30670-3	CARMW28G20131023	T	Water	8270D	240-107496
240-30670-9	CARSSIPZ04G20131024	T	Water	8270D	240-107496

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-107321					
LCS 240-107321/11-A	Lab Control Sample	T	Water	3510C	
MB 240-107321/10-A	Method Blank	T	Water	3510C	
240-30670-1	TR1VMW23G20131023	T	Water	3510C	
240-30670-2	TR1VMW24G20131023	T	Water	3510C	
240-30670-3	CARMW28G20131023	T	Water	3510C	
240-30670-4	CARMW34G20131024	T	Water	3510C	
240-30670-5	CARMW26G20131024	T	Water	3510C	
240-30670-6	CARMW37G20131024	T	Water	3510C	
240-30670-7	CARMW27G20131024	T	Water	3510C	
240-30670-8	CARMW39G20131024	T	Water	3510C	
240-30670-9	CARSSIPZ04G20131024	T	Water	3510C	
Prep Batch: 240-107322					
LCS 240-107322/11-A	Lab Control Sample	T	Water	3510C	
MB 240-107322/10-A	Method Blank	T	Water	3510C	
240-30670-1	TR1VMW23G20131023	T	Water	3510C	
240-30670-2	TR1VMW24G20131023	T	Water	3510C	
240-30670-3	CARMW28G20131023	T	Water	3510C	
240-30670-4	CARMW34G20131024	T	Water	3510C	
240-30670-5	CARMW26G20131024	T	Water	3510C	
240-30670-6	CARMW37G20131024	T	Water	3510C	
240-30670-7	CARMW27G20131024	T	Water	3510C	
240-30670-8	CARMW39G20131024	T	Water	3510C	
240-30670-9	CARSSIPZ04G20131024	T	Water	3510C	
Analysis Batch:240-107662					
LCS 240-107321/11-A	Lab Control Sample	T	Water	8082A	240-107321
MB 240-107321/10-A	Method Blank	T	Water	8082A	240-107321
240-30670-1	TR1VMW23G20131023	T	Water	8082A	240-107321
240-30670-2	TR1VMW24G20131023	T	Water	8082A	240-107321
240-30670-3	CARMW28G20131023	T	Water	8082A	240-107321
240-30670-4	CARMW34G20131024	T	Water	8082A	240-107321
240-30670-5	CARMW26G20131024	T	Water	8082A	240-107321
240-30670-6	CARMW37G20131024	T	Water	8082A	240-107321
240-30670-7	CARMW27G20131024	T	Water	8082A	240-107321
240-30670-8	CARMW39G20131024	T	Water	8082A	240-107321
240-30670-9	CARSSIPZ04G20131024	T	Water	8082A	240-107321

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-108129					
LCS 240-107322/11-A	Lab Control Sample	T	Water	8081B	240-107322
MB 240-107322/10-A	Method Blank	T	Water	8081B	240-107322
240-30670-1	TR1VMW23G20131023	T	Water	8081B	240-107322
240-30670-2	TR1VMW24G20131023	T	Water	8081B	240-107322
240-30670-3	CARMW28G20131023	T	Water	8081B	240-107322
240-30670-4	CARMW34G20131024	T	Water	8081B	240-107322
240-30670-6	CARMW37G20131024	T	Water	8081B	240-107322
240-30670-7	CARMW27G20131024	T	Water	8081B	240-107322
240-30670-8	CARMW39G20131024	T	Water	8081B	240-107322
240-30670-9	CARSSIPZ04G20131024	T	Water	8081B	240-107322
Analysis Batch:240-109089					
PB 240-109089/3	Preparation / Extraction Blank	T	Water	8081B	
240-30670-5	CARMW26G20131024	T	Water	8081B	240-107322

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-107845					
LCS 240-107845/2-A	Lab Control Sample	R	Water	3005A	
MB 240-107845/1-A	Method Blank	R	Water	3005A	
240-30670-1	TR1VMW23G20131023	R	Water	3005A	
240-30670-1DU	Duplicate	R	Water	3005A	
240-30670-1MS	Matrix Spike	R	Water	3005A	
240-30670-2	TR1VMW24G20131023	R	Water	3005A	
240-30670-3	CARMW28G20131023	R	Water	3005A	
240-30670-4	CARMW34G20131024	R	Water	3005A	
240-30670-5	CARMW26G20131024	R	Water	3005A	
240-30670-6	CARMW37G20131024	R	Water	3005A	
240-30670-7	CARMW27G20131024	R	Water	3005A	
240-30670-8	CARMW39G20131024	R	Water	3005A	
240-30670-9	CARSSIPZ04G20131024	R	Water	3005A	
Prep Batch: 240-107851					
LCS 240-107851/2-A	Lab Control Sample	T	Water	7470A	
MB 240-107851/1-A	Method Blank	T	Water	7470A	
240-30670-1	TR1VMW23G20131023	T	Water	7470A	
240-30670-1DU	Duplicate	T	Water	7470A	
240-30670-1MS	Matrix Spike	T	Water	7470A	
240-30670-2	TR1VMW24G20131023	T	Water	7470A	
240-30670-3	CARMW28G20131023	T	Water	7470A	
240-30670-4	CARMW34G20131024	T	Water	7470A	
240-30670-5	CARMW26G20131024	T	Water	7470A	
240-30670-6	CARMW37G20131024	T	Water	7470A	
240-30670-7	CARMW27G20131024	T	Water	7470A	
240-30670-8	CARMW39G20131024	T	Water	7470A	
240-30670-9	CARSSIPZ04G20131024	T	Water	7470A	
Analysis Batch:240-108226					
LCS 240-107851/2-A	Lab Control Sample	T	Water	7470A	240-107851
MB 240-107851/1-A	Method Blank	T	Water	7470A	240-107851
240-30670-1	TR1VMW23G20131023	T	Water	7470A	240-107851
240-30670-1DU	Duplicate	T	Water	7470A	240-107851
240-30670-1MS	Matrix Spike	T	Water	7470A	240-107851
240-30670-2	TR1VMW24G20131023	T	Water	7470A	240-107851
240-30670-3	CARMW28G20131023	T	Water	7470A	240-107851
240-30670-4	CARMW34G20131024	T	Water	7470A	240-107851
240-30670-5	CARMW26G20131024	T	Water	7470A	240-107851
240-30670-6	CARMW37G20131024	T	Water	7470A	240-107851
240-30670-7	CARMW27G20131024	T	Water	7470A	240-107851
240-30670-8	CARMW39G20131024	T	Water	7470A	240-107851
240-30670-9	CARSSIPZ04G20131024	T	Water	7470A	240-107851

Client: EnSafe, Inc. Job Number: 240-30670-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-108547					
LCS 240-107845/2-A	Lab Control Sample	R	Water	6010C	240-107845
MB 240-107845/1-A	Method Blank	R	Water	6010C	240-107845
240-30670-1	TR1VMW23G20131023	R	Water	6010C	240-107845
240-30670-1DU	Duplicate	R	Water	6010C	240-107845
240-30670-1MS	Matrix Spike	R	Water	6010C	240-107845
240-30670-2	TR1VMW24G20131023	R	Water	6010C	240-107845
240-30670-3	CARMW28G20131023	R	Water	6010C	240-107845
240-30670-4	CARMW34G20131024	R	Water	6010C	240-107845
240-30670-5	CARMW26G20131024	R	Water	6010C	240-107845
240-30670-6	CARMW37G20131024	R	Water	6010C	240-107845
240-30670-7	CARMW27G20131024	R	Water	6010C	240-107845
240-30670-8	CARMW39G20131024	R	Water	6010C	240-107845
240-30670-9	CARSSIPZ04G20131024	R	Water	6010C	240-107845

Report Basis

R = Total Recoverable

T = Total

Client: EnSafe, Inc. Job Number: 240-30670-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
MRL 240-108601/5		91	102	98	96

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150

Client: EnSafe, Inc. Job Number: 240-30670-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30670-1	TR1VMW23G20131023	92	103	95	99
240-30670-2	TR1VMW24G20131023	90	101	94	96
240-30670-3	CARMW28G20131023	86	97	91	92
240-30670-4	CARMW34G20131024	91	101	95	93
240-30670-5	CARMW26G20131024	91	102	97	97
240-30670-6	CARMW37G20131024	86	97	93	92
240-30670-7	CARMW27G20131024	83	92	87	90
240-30670-8	CARMW39G20131024	91	102	97	97
240-30670-9	CARSSIPZ04G20131024	85	102	96	91
MB 240-108601/6		85	95	90	91
LCS 240-108601/4		96	102	100	98
240-30670-1 MS	TR1VMW23G20131023 MS	93	95	89	94
240-30670-1 MSD	TR1VMW23G20131023 MSD	90	96	93	92

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-30670-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-30670-1	TR1VMW23G20131023	43	70	65	66	57	74
240-30670-2	TR1VMW24G20131023	72	69	65	66	63	76
240-30670-3	CARMW28G20131023	62	73	69	68	65	77
240-30670-4	CARMW34G20131024	46	74	66	68	72	85
240-30670-5	CARMW26G20131024	86	71	69	67	69	90
240-30670-6	CARMW37G20131024	90	75	72	72	73	76
240-30670-7	CARMW27G20131024	79	72	71	66	70	82
240-30670-8	CARMW39G20131024	71	64	63	63	63	74
240-30670-9	CARSSIPZ04G20131024	77	75	67	73	69	79
MB 240-107492/21-A		88	73	63	69	63	70
MB 240-107496/23-A		79	72	68	69	59	58
MB 240-107842/23-A		87	74	69	76	72	77
LCS 240-107492/22-A		92	76	74	74	76	92
LCS 240-107496/24-A		98	83	80	78	75	96
LCS 240-107842/24-A		94	83	84	84	80	93

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	24-110
PHL = Phenol-d5 (Surr)	21-110
NBZ = Nitrobenzene-d5 (Surr)	21-110
2FP = 2-Fluorophenol (Surr)	10-110
FBP = 2-Fluorobiphenyl (Surr)	20-110
TBP = 2,4,6-Tribromophenol (Surr)	21-110

Client: EnSafe, Inc.

Job Number: 240-30670-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30670-1	TR1VMW23G20131023	58	60	100	104
240-30670-2	TR1VMW24G20131023	72	73	88	87
240-30670-3	CARMW28G20131023	49	55	92	82
240-30670-4	CARMW34G20131024	22X	27X	77	76
240-30670-5	CARMW26G20131024	62	74	76	86
240-30670-6	CARMW37G20131024	88	86	111	97
240-30670-7	CARMW27G20131024	64	71	77	81
240-30670-8	CARMW39G20131024	81	89	91	114
240-30670-9	CARSSIPZ04G20131024	39	52	93	101
MB 240-107322/10-A		99	94	113	106
LCS 240-107322/11-A		106	98	117	101

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-120
TCX = Tetrachloro-m-xylene	38-120

Client: EnSafe, Inc.

Job Number: 240-30670-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-30670-1	TR1VMW23G20131023	79	101	54	68
240-30670-2	TR1VMW24G20131023	95	88	57	78
240-30670-3	CARMW28G20131023	91	98	55	67
240-30670-4	CARMW34G20131024	84	78	23	27
240-30670-5	CARMW26G20131024	100	92	74	92
240-30670-6	CARMW37G20131024	107	107	77	93
240-30670-7	CARMW27G20131024	94	84	63	77
240-30670-8	CARMW39G20131024	97	92	71	90
240-30670-9	CARSSIPZ04G20131024	63	70	18	28
MB 240-107321/10-A		109	103	92	107
LCS 240-107321/11-A		97	93	72	85

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	35-137
DCB = DCB Decachlorobiphenyl	10-140

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.53	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	85	66 - 117
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	90	63 - 129
Toluene-d8 (Surr)	91	74 - 115

Method Blank TICs- Batch: 240-108601

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	75.6	151	43 - 136	*
Benzene	25.0	27.1	108	83 - 112	
Bromoform	25.0	27.8	111	40 - 131	
Bromomethane	25.0	23.2	93	11 - 185	
2-Butanone (MEK)	50.0	69.0	138	60 - 126	*
Carbon disulfide	25.0	29.2	117	62 - 142	
Carbon tetrachloride	25.0	28.0	112	66 - 128	
Chlorobenzene	25.0	27.0	108	85 - 110	
Chlorodibromomethane	25.0	31.0	124	64 - 119	*
Chloroethane	25.0	23.4	93	25 - 153	
Chloroform	25.0	28.8	115	79 - 117	
Chloromethane	25.0	22.2	89	44 - 126	
cis-1,2-Dichloroethene	25.0	28.1	112	80 - 113	
cis-1,3-Dichloropropene	25.0	30.7	123	61 - 115	*
1,2-Dibromo-3-Chloropropane	25.0	30.5	122	42 - 136	
1,2-Dichlorobenzene	25.0	26.2	105	81 - 110	
1,3-Dichlorobenzene	25.0	26.0	104	80 - 110	
1,4-Dichlorobenzene	25.0	25.6	103	82 - 110	
Dichlorobromomethane	25.0	30.5	122	72 - 121	*
Dichlorodifluoromethane	25.0	21.9	88	19 - 129	
1,1-Dichloroethane	25.0	28.3	113	82 - 115	
1,2-Dichloroethane	25.0	29.7	119	71 - 127	
1,1-Dichloroethene	25.0	28.1	113	78 - 131	
1,2-Dichloropropane	25.0	27.6	110	81 - 115	
Ethylbenzene	25.0	27.4	110	83 - 112	
Ethylene Dibromide	25.0	30.1	120	79 - 113	*
2-Hexanone	50.0	63.5	127	55 - 133	
Isopropylbenzene	25.0	28.6	114	75 - 114	
Methylene Chloride	25.0	24.0	96	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	66.3	133	63 - 128	*
Methyl tert-butyl ether	25.0	30.2	121	52 - 144	
m-Xylene & p-Xylene	25.0	27.6	110	83 - 113	
o-Xylene	25.0	27.6	111	83 - 113	
Styrene	25.0	28.2	113	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	28.2	113	68 - 118	
Tetrachloroethene	25.0	27.8	111	79 - 114	
Toluene	25.0	24.6	98	84 - 111	
trans-1,2-Dichloroethene	25.0	28.6	114	83 - 117	
trans-1,3-Dichloropropene	25.0	32.7	131	58 - 117	*
1,2,4-Trichlorobenzene	25.0	26.8	107	48 - 135	
1,1,1-Trichloroethane	25.0	29.5	118	74 - 118	

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	27.6	110	80 - 112	
Trichloroethene	25.0	28.6	115	76 - 117	
Trichlorofluoromethane	25.0	25.0	100	49 - 157	
Vinyl chloride	25.0	24.6	98	53 - 127	
Xylenes, Total	50.0	55.2	110	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	96	66 - 117
Dibromofluoromethane (Surr)	102	75 - 121
1,2-Dichloroethane-d4 (Surr)	100	63 - 129
Toluene-d8 (Surr)	98	74 - 115

Method Reporting Limit Check - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108601/5	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1467.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1115	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1115				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromoform	0.00100	ND	131	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	120	10 - 150	
2-Hexanone	0.0100	ND	90	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	83	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	91	10 - 150
Dibromofluoromethane (Surr)	102	10 - 150
1,2-Dichloroethane-d4 (Surr)	98	10 - 150
Toluene-d8 (Surr)	96	10 - 150

Client: EnSafe, Inc. Job Number: 240-30670-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-108601

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30670-1	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1489.D
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1941			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1941				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30670-1	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1490.D
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 2003			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 2003				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	80	100	33 - 145	23	30		
Benzene	100	99	72 - 121	1	30		
Bromoform	81	91	32 - 128	11	30		
Bromomethane	84	82	10 - 186	2	30		
2-Butanone (MEK)	82	103	54 - 129	23	30		
Carbon disulfide	101	94	57 - 147	7	30		
Carbon tetrachloride	97	90	59 - 129	8	30		
Chlorobenzene	95	94	80 - 110	2	30		
Chlorodibromomethane	97	106	56 - 118	8	30		
Chloroethane	85	81	21 - 165	5	30		
Chloroform	103	104	76 - 118	0	30		
Chloromethane	81	77	33 - 132	5	30		
cis-1,2-Dichloroethene	74	71	70 - 120	1	30		
cis-1,3-Dichloropropene	104	108	51 - 110	4	30		
1,2-Dibromo-3-Chloropropane	82	100	32 - 139	20	30		
1,2-Dichlorobenzene	89	89	75 - 111	0	30		
1,3-Dichlorobenzene	89	86	73 - 110	3	30		
1,4-Dichlorobenzene	88	86	75 - 110	2	30		
Dichlorobromomethane	104	106	67 - 120	1	30		
Dichlorodifluoromethane	74	67	17 - 128	10	30		
1,1-Dichloroethane	102	99	79 - 116	2	30		
1,2-Dichloroethane	102	109	68 - 129	6	30		
1,1-Dichloroethene	96	89	74 - 135	8	30		
1,2-Dichloropropane	101	101	78 - 115	0	30		
Ethylbenzene	97	91	75 - 116	6	30		
Ethylene Dibromide	93	103	74 - 113	10	30		
2-Hexanone	72	96	47 - 139	29	30		
Isopropylbenzene	98	90	68 - 116	9	30		
Methylene Chloride	86	89	63 - 128	3	30		
4-Methyl-2-pentanone (MIBK)	84	108	56 - 131	26	30		
Methyl tert-butyl ether	96	108	46 - 144	12	30		
m-Xylene & p-Xylene	96	92	75 - 117	4	30		

Client: EnSafe, Inc. Job Number: 240-30670-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-108601

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30670-1	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1489.D
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1941			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1941				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30670-1	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1490.D
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 2003			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 2003				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
o-Xylene	98	95	76 - 116	4	30		
Styrene	98	96	71 - 117	1	30		
1,1,2,2-Tetrachloroethane	81	93	63 - 122	13	30		
Tetrachloroethene	95	87	70 - 117	9	30		
Toluene	89	85	78 - 114	4	30		
trans-1,2-Dichloroethene	101	97	80 - 119	4	30		
trans-1,3-Dichloropropene	102	110	46 - 116	7	30		
1,2,4-Trichlorobenzene	87	86	38 - 138	1	30		
1,1,1-Trichloroethane	104	97	68 - 121	6	30		
1,1,2-Trichloroethane	86	95	75 - 115	9	30		
Trichloroethene	99	96	66 - 120	3	30		
Trichlorofluoromethane	84	78	46 - 157	7	30		
Vinyl chloride	82	76	49 - 130	6	30		
Xylenes, Total	97	93	76 - 116	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	93	90	66 - 117
Dibromofluoromethane (Surr)	95	96	75 - 121
1,2-Dichloroethane-d4 (Surr)	89	93	63 - 129
Toluene-d8 (Surr)	94	92	74 - 115

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107492

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107492/21-A	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107492	Lab File ID:	31031003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/31/2013 1116	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	ND		0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107492

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107492/21-A	Analysis Batch:	240-107883	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107492	Lab File ID:	31031003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/31/2013 1116	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	88	24 - 110
Phenol-d5 (Surr)	73	21 - 110
Nitrobenzene-d5 (Surr)	63	21 - 110
2-Fluorophenol (Surr)	69	10 - 110
2-Fluorobiphenyl (Surr)	63	20 - 110
2,4,6-Tribromophenol (Surr)	70	21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107492

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107492/22-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107492	Lab File ID:	31104005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1144	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	15.2	76	45 - 110	
2,4,5-Trichlorophenol	20.0	15.8	79	48 - 110	
2,4-Dichlorophenol	20.0	15.2	76	41 - 110	
2,4-Dimethylphenol	20.0	11.7	58	32 - 110	
2,4-Dinitrophenol	40.0	26.4	66	10 - 110	
2,4-Dinitrotoluene	20.0	16.2	81	53 - 110	
2-Chlorophenol	20.0	14.8	74	29 - 110	
2-Methylnaphthalene	20.0	13.6	68	45 - 110	
2-Methylphenol	20.0	14.5	72	42 - 110	
2-Nitroaniline	20.0	16.8	84	54 - 110	
2-Nitrophenol	20.0	15.3	76	40 - 110	
3 & 4 Methylphenol	20.0	14.9	75	44 - 110	
3,3'-Dichlorobenzidine	40.0	31.6	79	22 - 110	
3-Nitroaniline	20.0	15.1	75	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	26.9	67	31 - 110	
4-Bromophenyl phenyl ether	20.0	15.8	79	45 - 110	
4-Chloro-3-methylphenol	20.0	15.3	77	52 - 110	
4-Chloroaniline	20.0	13.6	68	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.4	77	47 - 110	
4-Nitroaniline	20.0	16.1	80	54 - 110	
Acenaphthene	20.0	14.6	73	47 - 110	
Acenaphthylene	20.0	13.5	67	49 - 110	
Acetophenone	20.0	15.0	75	46 - 110	
Anthracene	20.0	14.7	74	52 - 110	
Benzo[a]anthracene	20.0	15.2	76	52 - 110	
Benzo[a]pyrene	20.0	14.7	74	44 - 110	
Benzo[b]fluoranthene	20.0	16.1	81	48 - 110	
Benzo[g,h,i]perylene	20.0	15.1	76	50 - 110	
Benzo[k]fluoranthene	20.0	15.2	76	49 - 110	
Bis(2-chloroethoxy)methane	20.0	14.9	75	43 - 110	
Bis(2-chloroethyl)ether	20.0	14.4	72	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	15.7	78	39 - 116	
Butyl benzyl phthalate	20.0	15.7	78	55 - 110	
Carbazole	20.0	14.8	74	55 - 110	
Chrysene	20.0	15.2	76	55 - 110	
Di-n-butyl phthalate	20.0	17.6	88	57 - 110	
Di-n-octyl phthalate	20.0	15.6	78	40 - 110	
Dibenz(a,h)anthracene	20.0	16.0	80	49 - 110	
Dibenzofuran	20.0	14.5	73	51 - 110	
Diethyl phthalate	20.0	16.3	81	58 - 110	
Dimethyl phthalate	20.0	16.4	82	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107492

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107492/22-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107492	Lab File ID:	31104005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1144	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0808			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	16.1	80	54 - 110	
Fluorene	20.0	14.7	73	52 - 110	
Hexachlorobenzene	20.0	16.4	82	50 - 110	
Hexachlorobutadiene	20.0	11.6	58	33 - 110	
Hexachlorocyclopentadiene	20.0	0.761	4	4 - 110	J
Hexachloroethane	20.0	11.7	58	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	15.3	77	50 - 110	
Isophorone	20.0	14.2	71	49 - 110	
N-Nitrosodi-n-propylamine	20.0	15.2	76	47 - 110	
N-Nitrosodiphenylamine	40.0	32.0	80	50 - 110	
Naphthalene	20.0	13.3	66	44 - 110	
Nitrobenzene	20.0	15.7	78	42 - 110	
Pentachlorophenol	40.0	23.3	58	18 - 110	
Phenanthrene	20.0	14.8	74	53 - 110	
Phenol	20.0	15.0	75	33 - 110	
Pyrene	20.0	15.7	79	52 - 110	
bis (2-chloroisopropyl) ether	20.0	14.6	73	37 - 110	
2,6-Dinitrotoluene	20.0	16.1	80	54 - 110	
4-Nitrophenol	40.0	33.8	84	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	92	24 - 110
Phenol-d5 (Surr)	76	21 - 110
Nitrobenzene-d5 (Surr)	74	21 - 110
2-Fluorophenol (Surr)	74	10 - 110
2-Fluorobiphenyl (Surr)	76	20 - 110
2,4,6-Tribromophenol (Surr)	92	21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107496

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107496/23-A	Analysis Batch:	240-108197	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-107496	Lab File ID:	1104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1105	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.248	J	0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	ND		0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107496

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107496/23-A	Analysis Batch:	240-108197	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-107496	Lab File ID:	1104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1105	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	79	24 - 110
Phenol-d5 (Surr)	72	21 - 110
Nitrobenzene-d5 (Surr)	68	21 - 110
2-Fluorophenol (Surr)	69	10 - 110
2-Fluorobiphenyl (Surr)	59	20 - 110
2,4,6-Tribromophenol (Surr)	58	21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107496

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107496/24-A	Analysis Batch:	240-108197	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-107496	Lab File ID:	1104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1127	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	16.0	80	45 - 110	
2,4,5-Trichlorophenol	20.0	15.3	76	48 - 110	
2,4-Dichlorophenol	20.0	15.3	77	41 - 110	
2,4-Dimethylphenol	20.0	11.8	59	32 - 110	
2,4-Dinitrophenol	40.0	20.6	51	10 - 110	
2,4-Dinitrotoluene	20.0	18.8	94	53 - 110	
2-Chlorophenol	20.0	16.2	81	29 - 110	
2-Methylnaphthalene	20.0	13.9	69	45 - 110	
2-Methylphenol	20.0	14.8	74	42 - 110	
2-Nitroaniline	20.0	16.8	84	54 - 110	
2-Nitrophenol	20.0	16.5	82	40 - 110	
3 & 4 Methylphenol	20.0	15.6	78	44 - 110	
3,3'-Dichlorobenzidine	40.0	35.7	89	22 - 110	
3-Nitroaniline	20.0	17.1	86	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	26.2	66	31 - 110	
4-Bromophenyl phenyl ether	20.0	15.7	78	45 - 110	
4-Chloro-3-methylphenol	20.0	17.0	85	52 - 110	
4-Chloroaniline	20.0	14.8	74	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.3	77	47 - 110	
4-Nitroaniline	20.0	17.9	89	54 - 110	
Acenaphthene	20.0	14.7	73	47 - 110	
Acenaphthylene	20.0	14.4	72	49 - 110	
Acetophenone	20.0	15.8	79	46 - 110	
Anthracene	20.0	15.9	79	52 - 110	
Benzo[a]anthracene	20.0	15.8	79	52 - 110	
Benzo[a]pyrene	20.0	16.7	83	44 - 110	
Benzo[b]fluoranthene	20.0	17.5	88	48 - 110	
Benzo[g,h,i]perylene	20.0	17.9	89	50 - 110	
Benzo[k]fluoranthene	20.0	16.5	83	49 - 110	
Bis(2-chloroethoxy)methane	20.0	15.7	79	43 - 110	
Bis(2-chloroethyl)ether	20.0	15.8	79	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	17.5	88	39 - 116	
Butyl benzyl phthalate	20.0	18.4	92	55 - 110	
Carbazole	20.0	16.9	85	55 - 110	
Chrysene	20.0	16.3	82	55 - 110	
Di-n-butyl phthalate	20.0	18.5	92	57 - 110	
Di-n-octyl phthalate	20.0	18.3	91	40 - 110	
Dibenz(a,h)anthracene	20.0	19.0	95	49 - 110	
Dibenzofuran	20.0	15.1	75	51 - 110	
Diethyl phthalate	20.0	17.3	86	58 - 110	
Dimethyl phthalate	20.0	16.8	84	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107496

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107496/24-A	Analysis Batch:	240-108197	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-107496	Lab File ID:	1104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1127	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/29/2013 0816			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	16.6	83	54 - 110	
Fluorene	20.0	15.6	78	52 - 110	
Hexachlorobenzene	20.0	15.1	76	50 - 110	
Hexachlorobutadiene	20.0	10.5	53	33 - 110	
Hexachlorocyclopentadiene	20.0	1.98	10	4 - 110	J
Hexachloroethane	20.0	11.1	56	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	18.2	91	50 - 110	
Isophorone	20.0	14.2	71	49 - 110	
N-Nitrosodi-n-propylamine	20.0	15.7	78	47 - 110	
N-Nitrosodiphenylamine	40.0	32.0	80	50 - 110	
Naphthalene	20.0	13.5	68	44 - 110	
Nitrobenzene	20.0	15.0	75	42 - 110	
Pentachlorophenol	40.0	18.3	46	18 - 110	
Phenanthrene	20.0	15.9	79	53 - 110	
Phenol	20.0	16.0	80	33 - 110	
Pyrene	20.0	16.6	83	52 - 110	
bis (2-chloroisopropyl) ether	20.0	14.2	71	37 - 110	
2,6-Dinitrotoluene	20.0	17.6	88	54 - 110	
4-Nitrophenol	40.0	32.9	82	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	98	24 - 110
Phenol-d5 (Surr)	83	21 - 110
Nitrobenzene-d5 (Surr)	80	21 - 110
2-Fluorophenol (Surr)	78	10 - 110
2-Fluorobiphenyl (Surr)	75	20 - 110
2,4,6-Tribromophenol (Surr)	96	21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107842 **Method: 8270D**
Preparation: 3520C

Lab Sample ID:	MB 240-107842/23-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1053	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.577	J	0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	ND		0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107842/23-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1053	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	87	24 - 110
Phenol-d5 (Surr)	74	21 - 110
Nitrobenzene-d5 (Surr)	69	21 - 110
2-Fluorophenol (Surr)	76	10 - 110
2-Fluorobiphenyl (Surr)	72	20 - 110
2,4,6-Tribromophenol (Surr)	77	21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107842/24-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1119	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	16.0	80	45 - 110	
2,4,5-Trichlorophenol	20.0	16.4	82	48 - 110	
2,4-Dichlorophenol	20.0	16.6	83	41 - 110	
2,4-Dimethylphenol	20.0	14.9	74	32 - 110	
2,4-Dinitrophenol	40.0	26.8	67	10 - 110	
2,4-Dinitrotoluene	20.0	17.0	85	53 - 110	
2-Chlorophenol	20.0	16.2	81	29 - 110	
2-Methylnaphthalene	20.0	14.4	72	45 - 110	
2-Methylphenol	20.0	15.9	80	42 - 110	
2-Nitroaniline	20.0	17.8	89	54 - 110	
2-Nitrophenol	20.0	17.5	88	40 - 110	
3 & 4 Methylphenol	20.0	16.0	80	44 - 110	
3,3'-Dichlorobenzidine	40.0	32.3	81	22 - 110	
3-Nitroaniline	20.0	16.2	81	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	29.2	73	31 - 110	
4-Bromophenyl phenyl ether	20.0	17.2	86	45 - 110	
4-Chloro-3-methylphenol	20.0	16.7	83	52 - 110	
4-Chloroaniline	20.0	14.7	74	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.5	77	47 - 110	
4-Nitroaniline	20.0	16.8	84	54 - 110	
Acenaphthene	20.0	15.1	76	47 - 110	
Acenaphthylene	20.0	14.2	71	49 - 110	
Acetophenone	20.0	16.3	82	46 - 110	
Anthracene	20.0	15.8	79	52 - 110	
Benzo[a]anthracene	20.0	15.9	79	52 - 110	
Benzo[a]pyrene	20.0	15.9	79	44 - 110	
Benzo[b]fluoranthene	20.0	16.5	83	48 - 110	
Benzo[g,h,i]perylene	20.0	15.9	80	50 - 110	
Benzo[k]fluoranthene	20.0	16.9	85	49 - 110	
Bis(2-chloroethoxy)methane	20.0	16.5	83	43 - 110	
Bis(2-chloroethyl)ether	20.0	15.9	80	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	17.2	86	39 - 116	
Butyl benzyl phthalate	20.0	16.5	83	55 - 110	
Carbazole	20.0	16.8	84	55 - 110	
Chrysene	20.0	16.0	80	55 - 110	
Di-n-butyl phthalate	20.0	18.2	91	57 - 110	
Di-n-octyl phthalate	20.0	16.6	83	40 - 110	
Dibenz(a,h)anthracene	20.0	16.9	85	49 - 110	
Dibenzofuran	20.0	14.9	75	51 - 110	
Diethyl phthalate	20.0	16.8	84	58 - 110	
Dimethyl phthalate	20.0	17.1	86	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107842/24-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1119	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	17.2	86	54 - 110	
Fluorene	20.0	14.9	74	52 - 110	
Hexachlorobenzene	20.0	17.1	85	50 - 110	
Hexachlorobutadiene	20.0	10.2	51	33 - 110	
Hexachlorocyclopentadiene	20.0	1.97	10	4 - 110	J
Hexachloroethane	20.0	10.5	52	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	16.7	83	50 - 110	
Isophorone	20.0	15.4	77	49 - 110	
N-Nitrosodi-n-propylamine	20.0	15.7	79	47 - 110	
N-Nitrosodiphenylamine	40.0	34.4	86	50 - 110	
Naphthalene	20.0	14.2	71	44 - 110	
Nitrobenzene	20.0	17.5	87	42 - 110	
Pentachlorophenol	40.0	24.4	61	18 - 110	
Phenanthrene	20.0	15.6	78	53 - 110	
Phenol	20.0	16.4	82	33 - 110	
Pyrene	20.0	16.1	81	52 - 110	
bis (2-chloroisopropyl) ether	20.0	15.6	78	37 - 110	
2,6-Dinitrotoluene	20.0	17.2	86	54 - 110	
4-Nitrophenol	40.0	34.7	87	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	94	24 - 110
Phenol-d5 (Surr)	83	21 - 110
Nitrobenzene-d5 (Surr)	84	21 - 110
2-Fluorophenol (Surr)	84	10 - 110
2-Fluorobiphenyl (Surr)	80	20 - 110
2,4,6-Tribromophenol (Surr)	93	21 - 110

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107322

Method: 8081B
Preparation: 3510C

Lab Sample ID:	MB 240-107322/10-A	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107322	Lab File ID:	P3110339.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 0911	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/28/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
beta-BHC	ND		0.0084	0.050
alpha-Chlordane	ND		0.014	0.050
delta-BHC	ND		0.0087	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	30 - 120
Tetrachloro-m-xylene	106	38 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	99	30 - 120
Tetrachloro-m-xylene	113	38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Lab Control Sample - Batch: 240-107322

Method: 8081B
Preparation: 3510C

Lab Sample ID:	LCS 240-107322/11-A	Analysis Batch:	240-108129	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107322	Lab File ID:	P3110330.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 0607	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/28/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.500	0.669	134	64 - 160	
4,4'-DDE	0.500	0.640	128	50 - 158	
4,4'-DDT	0.500	0.968	194	40 - 160	E *
Aldrin	0.500	0.585	117	47 - 152	
alpha-BHC	0.500	0.625	125	40 - 160	
beta-BHC	0.500	0.600	120	62 - 144	
alpha-Chlordane	0.500	0.603	121	53 - 142	
delta-BHC	0.500	0.585	117	40 - 160	
gamma-BHC (Lindane)	0.500	0.668	134	40 - 160	
gamma-Chlordane	0.500	0.620	124	56 - 158	
Dieldrin	0.500	0.625	125	59 - 158	
Endosulfan I	0.500	0.492	98	43 - 150	
Endosulfan II	0.500	0.669	134	48 - 144	
Endosulfan sulfate	0.500	0.737	147	61 - 154	
Endrin	0.500	0.762	152	57 - 149	*
Endrin aldehyde	0.500	0.634	127	40 - 155	
Endrin ketone	0.500	0.696	139	56 - 157	
Heptachlor	0.500	0.781	156	51 - 140	*
Heptachlor epoxide	0.500	0.619	124	60 - 156	
Methoxychlor	0.500	0.777	155	51 - 152	*

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	30 - 120
Tetrachloro-m-xylene	101	38 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	30 - 120
Tetrachloro-m-xylene	117	38 - 120

Client: EnSafe, Inc. Job Number: 240-30670-1

Preparation / Extraction Blank - Batch: 240-109089

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-109089/3	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3110903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/09/2013 1025	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
beta-BHC	ND		1.7	10
alpha-Chlordane	ND		2.8	10
delta-BHC	ND		1.7	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30670-1

Preparation / Extraction Blank - Batch: 240-109089

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-109089/3	Analysis Batch:	240-109089	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3110903.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/09/2013 1025	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
beta-BHC	ND		1.7	10
alpha-Chlordane	ND		2.8	10
delta-BHC	ND		1.7	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Method Blank - Batch: 240-107321

Method: 8082A
Preparation: 3510C

Lab Sample ID:	MB 240-107321/10-A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-107321	Lab File ID:	P1200015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/30/2013 1119	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/28/2013 0816			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	109	35 - 137
DCB Decachlorobiphenyl	92	10 - 140

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	103	35 - 137
DCB Decachlorobiphenyl	107	10 - 140

Lab Control Sample - Batch: 240-107321

Method: 8082A
Preparation: 3510C

Lab Sample ID:	LCS 240-107321/11-A	Analysis Batch:	240-107662	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-107321	Lab File ID:	P1200016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/30/2013 1133	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/28/2013 0816			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.90	98	56 - 130	
Aroclor-1260	5.00	5.32	106	43 - 126	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	97	35 - 137
DCB Decachlorobiphenyl	72	10 - 140

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	93	35 - 137
DCB Decachlorobiphenyl	85	10 - 140

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-107845/1-A	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0804	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	1.01	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-107845/2-A	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0808	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1990	100	80 - 120	
Barium	2000	1890	94	80 - 120	
Cadmium	50.0	49.3	99	80 - 120	
Chromium	200	193	97	80 - 120	
Lead	500	475	95	80 - 120	
Selenium	2000	2020	101	80 - 120	
Silver	50.0	49.2	98	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30670-1

Matrix Spike - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-30670-1	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0824	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	16	2000	2150	107	75 - 125	
Barium	200	2000	2160	98	75 - 125	
Cadmium	ND	50.0	51.8	104	75 - 125	
Chromium	ND	200	199	99	75 - 125	
Lead	ND	500	482	96	75 - 125	
Selenium	ND	2000	2130	107	75 - 125	
Silver	ND	50.0	52.6	105	75 - 125	

Duplicate - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-30670-1	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0820	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Arsenic	16	14.6	8	20	J
Barium	200	186	5	20	J
Cadmium	ND	ND	NC	20	
Chromium	ND	ND	NC	20	
Lead	ND	ND	NC	20	
Selenium	ND	ND	NC	20	
Silver	ND	ND	NC	20	

Client: EnSafe, Inc. Job Number: 240-30670-1

Method Blank - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-107851/1-A	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1611	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-107851/2-A	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1612	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.52	90	81 - 123	

Matrix Spike - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-30670-1	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1617	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	ND	1.00	1.00	100	69 - 134	

Client: EnSafe, Inc. Job Number: 240-30670-1

Duplicate - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-30670-1	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1615	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

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1.8, 2.1, 1.0, 2.8, 3.0, 2.0

ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. BC31023131 | Page 1 of 1

Project Name: UTC CARRIER | PO No. | Project No 0888814332 Phase

Site Location: Syracuse, NY

Send Results To: Shane Goodnight

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone# Bryan Brister, Mike Spina /

Lab Name: Test America | Turnaround Time(specify): 21 Days

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	VOCs	BNAs	PESTs	PCBs	METALs						Extra Volume for MS/MSD	HOLD
								(3)→	HA	—	—	—	NI							
	TR1VMW23G20131023	MW-23	10/23/13	0907	WG	N	N	10	3	2	2	2	1							
	TR1VMW24G20131023	MW-24	10/23/13	1029	WG	N	N	10	3	2	2	2	1							
	CARMW28G20131023	MW-23	10/23/13	1715	WG	N	N	10	3	2	2	2	1							
	CARMW34G20131024	MW-34	10/24/13	0815	WG	N	N	10	3	2	2	2	1							
	CARMW26G20131024	MW-26	10/24/13	0953	WG	N	N	10	3	2	2	2	1							
	CARMW37G20131024	MW-37	10/24/13	1140	WG	N	N	10	3	2	2	2	1							
	CARMW27G20131024	MW-27	10/24/13	1215	WG	N	N	10	3	2	2	2	1							
	CARMW39G20131024	MW-39	10/24/13	1430	WG	N	N	10	3	2	2	2	1							
	CARSSIPE04G20131024	SSIPE04	10/24/13	1448	WG	N	N	10	3	2	2	2	1							

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details

Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1	[signature]	10-24-13	17:30	[signature] TA Syr	10-24-13,	17:30
2	RE	10-24-13	1900	[signature]	10-25-13	920
3						

Samples Iced?(check) Yes ✓ No

Method of Shipment: Fed Ex

Airbill No:

Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

TestAmerica Canton Sample Receipt Form/Narrative Login # : 30670
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by: Derek W. Green

Cooler Received on 10-25-13 Opened on 10-25-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # Multi Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☑ See Multiple Cooler Form	
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C		
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C		
IR GUN# 8	(CF -0 °C) _____	Observed Cooler Temp. _____ °C	Corrected	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 6	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC385663
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Derek W. Green

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # :_____

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
AG464	8	1.8	1.8	Ice
No #		2.1	2.1	
Client Coolers		1.0	1.0	
		2.8	2.8	
		3.0	3.0	
No #		2.0	2.0	

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
TR1VMW23G20131023	240-30670-D-1	Plastic 500ml - with Nitric Acid	<2		
TR1VMW24G20131023	240-30670-D-2	Plastic 500ml - with Nitric Acid	<2		
CARMW28G20131023	240-30670-D-3	Plastic 500ml - with Nitric Acid	<2		
CARMW34G20131024	240-30670-D-4	Plastic 500ml - with Nitric Acid	<2		
CARMW26G20131024	240-30670-D-5	Plastic 500ml - with Nitric Acid	<2		
CARMW37G20131024	240-30670-D-6	Plastic 500ml - with Nitric Acid	<2		
CARMW27G20131024	240-30670-D-7	Plastic 500ml - with Nitric Acid	<2		
CARMW39G20131024	240-30670-D-8	Plastic 500ml - with Nitric Acid	<2		
CARSSIPZ04G20131024	240-30670-D-9	Plastic 500ml - with Nitric Acid	<2		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

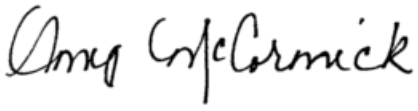
ANALYTICAL REPORT

Job Number: 240-30764-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/29/2013 11:19 AM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/29/2013
Revision: 1

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE
REVISED

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30764-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report has been revised to provide additional information in the DIESEL RANGE ORGANICS (DRO) section of the Case Narrative.

PCBs and BNAs for samples CARDCDPZ01G20131027, CARMW31G20131027, CARDMW31H20131027, CARDCDPZ04G20131027, CARSSIPZ03G20131028, and CARMW35DG20131028 will be reported in jobs 240-31207-1 and 240-31234-1.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/29/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.8, 2.2, 2.7, 3.1, 3.7, 4.2 and 4.6 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample CARMW29S11 (240-30764-11) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 10/29/2013 and analyzed on 10/30/2013.

Surrogate recovery for sample CARMW29S11 (240-30764-11) was outside control limits. Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Internal standard (ISTD) response for sample CARMW29S11 (240-30764-11) was outside control limits. The sample was re-analyzed with concurring results. The original set of data has been reported.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARSSIPZ02G20131024 (240-30764-1), CARTRIP20131025 (240-30764-2), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and CARMW35DG20131028 (240-30764-12) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/06/2013 and 11/07/2013.

Samples CARMW32G20131025 (240-30764-3)[3.33X], CARSSIPZ01G20131026 (240-30764-4)[25X], CARMW33G20131026 (240-30764-5)[4X], CARMW31G20131027 (240-30764-7)[5X], CARMW31H20131027 (240-30764-8)[5X] and CARDCDPZ04G20131027

(240-30764-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Acetone was detected in method blank MB 240-108601/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank MB 240-108758/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 108578 recovered outside control limits for 2-Butanone, cis-1,3-dichloropropene, and trans-1,3-dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample for batch 108601 recovered outside control limits for Acetone. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed

The laboratory control sample for batch 108601 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

cis-1,2-Dichloroethene failed the recovery criteria low for the MS of sample CARMW33G20131026MS (240-30764-5) in batch 240-108758.

The continuing calibration verification (CCV) for analytical batch 108758 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required.

The continuing calibration verification (CCV) for analytical batch 108601 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4) and CARMW33G20131026 (240-30764-5) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/31/2013 and 11/01/2013 and analyzed on 11/04/2013 and 11/08/2013.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Sample CARMW33G20131026 (240-30764-5)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-107842/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Bis(2-ethylhexyl) phthalate and Di-n-butyl phthalate were detected in method blank MB 240-108039/19-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples CARSSIPZ02G20131024 (240-30764-1), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7) and CARDCDPZ04G20131027 (240-30764-9) were analyzed for diesel range organics (DRO) in accordance with EPA-SW-846 Method 8015C - DRO. The samples were prepared on 10/30/2013 and 10/31/2013 and analyzed on 11/02/2013, 11/12/2013 and 11/15/2013.

Samples CARDCDPZ01G20131027 (240-30764-6)[5X] and CARDCDPZ04G20131027 (240-30764-9)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample CARSSIPZ02G20131024 (240-30764-1) contained a low value of an unidentified mixture of hydrocarbons that did not match any hydrocarbon pattern in the laboratory's reference library.

Sample CARDCDPZ01G20131027 (240-30764-6) contained a mixture of petroleum products, most of which elute in the range of the hydraulic fluid in the reference standards, although it is not a match for this compound.

Sample CARMW31G20131027 (240-30764-7) contained an unidentified mixture of hydrocarbons. No distinct pattern was present that could be identified in the laboratory's reference library.

Sample CARDCDPZ04G20131027 (240-30764-9) contained a mixture of petroleum products. The largest component most closely resembles the mineral spirits in the reference library, although it is not a match.

o-Terphenyl (Surr) failed the surrogate recovery criteria high for CARDCDPZ04G20131027 (240-30764-9).

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample CARMW29S11 (240-30764-11) was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/30/2013 and analyzed on 11/21/2013.

Sample CARMW29S11 (240-30764-11)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARMW29S11 (240-30764-11).

The opening Toxaphene continuing calibration verification (CCV) for analytical batch 110788 was not spiked. The closing CCV passed all criteria. A low level standard (MRL) was analyzed in the sequence and met quality criteria, indicating the laboratories ability to detect the analyte at the reporting limit. Samples were evaluated for the Toxaphene pattern and all were non-detect. The data have been qualified and reported.

The capping continuing calibration verification (CCV) for beta-BHC, delta-BHC, DDD, DDE, and Methoxychlor associated with batch 110788 recovered above the upper control limit. Sample CARMW29S11 (240-30764-11) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and CARMW35DG20131028 (240-30764-12) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 10/30/2013, 10/31/2013 and 11/01/2013 and analyzed on 11/08/2013, 11/11/2013, 11/14/2013 and 11/16/2013.

Sample CARDCDPZ04G20131027 (240-30764-9)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. Samples CARDCDPZ01G20131027 (240-30764-6), CARMW33G20131026 (240-30764-5), and CARSSIPZ01G20131026 (240-30764-4) contained an allowable number of surrogate compounds outside limits. These results have been reported and qualified.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARDCDPZ04G20131027 (240-30764-9).

The laboratory control sample (LCS) for batch 108045 recovered outside control limits for Methoxychlor . This analyte was biased high in the LCS and was not detected in samples CARMW31H20131027 (240-30764-8), CARMW35DG20131028 (240-30764-12), and CARSSIPZ03G20131028 (240-30764-10); therefore, the data have been reported.

The opening and closing continuing calibration verifications (CCV) associated with batch 109145 recovered DDT and Methoxychlor above the upper control limits. Samples CARMW31H20131027 (240-30764-8) and CARSSIPZ03G20131028 (240-30764-10) associated with these CCVs were non-detects for the affected analytes; therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 109145 recovered DDT and Methoxychlor above the upper control limit. Sample CARMW35DG20131028 (240-30764-12)associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109145 recovered DDT, Endrin Ketone, and Methoxychlor above the upper control limits. Sample CARMW35DG20131028 (240-30764-12) associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported.

The grand mean exception, as outlined in EPA Method 8000B, was applied to the closing continuing calibration verification (CCV) standard associated with batch 110159 for delta-BHC. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the initial calibration (ICAL) may be used for quantitation if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 20%D. Sample CARDCDPZ04G20131027 (240-30764-9) associated with this CCV was non-detect for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample CARMW29S11 (240-30764-11) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/30/2013 and analyzed on 11/04/2013.

Sample CARMW29S11 (240-30764-11)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample CARMW29S11 (240-30764-11) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARMW29S11 (240-30764-11).

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4) and CARMW33G20131026 (240-30764-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/31/2013 and analyzed on 11/11/2013.

Sample CARMW32G20131025 (240-30764-3) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Sample CARMW29S11 (240-30764-11) was analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 11/07/2013 and analyzed on 11/08/2013.

Barium was detected in method blank MB 240-108833/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and CARMW35DG20131028 (240-30764-12) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 10/31/2013 and 11/06/2013 and analyzed on 11/05/2013 and 11/07/2013.

Barium was detected in method blank MB 240-107845/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples CARSSIPZ02G20131024 (240-30764-1), CARMW32G20131025 (240-30764-3), CARSSIPZ01G20131026 (240-30764-4), CARMW33G20131026 (240-30764-5), CARDCDPZ01G20131027 (240-30764-6), CARMW31G20131027 (240-30764-7), CARMW31H20131027 (240-30764-8), CARDCDPZ04G20131027 (240-30764-9), CARSSIPZ03G20131028 (240-30764-10) and

CARMW35DG20131028 (240-30764-12) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/31/2013 and 11/06/2013 and analyzed on 11/01/2013 and 11/07/2013.

Mercury failed the recovery criteria low for the MS of sample CARMW33G20131026MS (240-30764-5) in batch 240-108862.

No other difficulties were encountered during the mercury analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Sample CARMW29S11 (240-30764-11) was analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 11/07/2013 and analyzed on 11/08/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Sample CARMW29S11 (240-30764-11) was analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/29/2013.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-1	**CARSSIPZ02G20131024**					
Acetone		1.3	J B *	10	ug/L	8260C
Carbon disulfide		0.38	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.1		1.0	ug/L	8260C
1,1-Dichloroethane		4.8		1.0	ug/L	8260C
1,1-Dichloroethene		0.48	J	1.0	ug/L	8260C
Trichloroethene		4.9		1.0	ug/L	8260C
Vinyl chloride		3.3		1.0	ug/L	8260C
Bis(2-ethylhexyl) phthalate		0.26	J B	1.9	ug/L	8270D
Fluoranthene		0.19		0.19	ug/L	8270D
Fluorene		0.10	J	0.19	ug/L	8270D
Naphthalene		0.16	J	0.19	ug/L	8270D
Phenanthrene		0.14	J	0.19	ug/L	8270D
Pyrene		0.13	J	0.19	ug/L	8270D
Diesel Range Organics [C10 - C28]		680		480	ug/L	8015C
Total Recoverable						
Barium		180	J B	200	ug/L	6010C
240-30764-2	**CARTRIP20131025**					
Acetone		1.3	J B *	10	ug/L	8260C
Carbon disulfide		0.27	J	1.0	ug/L	8260C
240-30764-3	**CARMW32G20131025**					
Acetone		8.2	J B *	33	ug/L	8260C
Carbon disulfide		62		3.3	ug/L	8260C
Chloroethane		3.4		3.3	ug/L	8260C
Chloroform		1.4	J	3.3	ug/L	8260C
cis-1,2-Dichloroethene		150		3.3	ug/L	8260C
1,1-Dichloroethane		220		3.3	ug/L	8260C
1,2-Dichloroethane		1.1	J	3.3	ug/L	8260C
1,1-Dichloroethene		18		3.3	ug/L	8260C
Tetrachloroethene		1.1	J	3.3	ug/L	8260C
Toluene		2.2	J	3.3	ug/L	8260C
trans-1,2-Dichloroethene		1.7	J	3.3	ug/L	8260C
1,1,1-Trichloroethane		33		3.3	ug/L	8260C
Trichloroethene		40		3.3	ug/L	8260C
Vinyl chloride		42		3.3	ug/L	8260C
2-Methylnaphthalene		0.40		0.19	ug/L	8270D
4-Chloro-3-methylphenol		13		1.9	ug/L	8270D
Naphthalene		2.3		0.19	ug/L	8270D
alpha-BHC		0.011	J	0.049	ug/L	8081B
Total Recoverable						
Barium		620	B	200	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-4	**CARSSIPZ01G20131026**					
cis-1,2-Dichloroethene		82		25	ug/L	8260C
trans-1,2-Dichloroethene		15	J	25	ug/L	8260C
Trichloroethene		1300		25	ug/L	8260C
Total Recoverable						
Arsenic		9.9	J	15	ug/L	6010C
Barium		300	B	200	ug/L	6010C
Chromium		23		10	ug/L	6010C
Lead		11		10	ug/L	6010C
240-30764-5	**CARMW33G20131026**					
Acetone		27	J B	40	ug/L	8260C
Chloroform		3.0	J	4.0	ug/L	8260C
cis-1,2-Dichloroethene		190		4.0	ug/L	8260C
1,1-Dichloroethane		60		4.0	ug/L	8260C
1,1-Dichloroethene		8.4		4.0	ug/L	8260C
Toluene		1.4	J	4.0	ug/L	8260C
trans-1,2-Dichloroethene		2.3	J	4.0	ug/L	8260C
Trichloroethene		48		4.0	ug/L	8260C
Vinyl chloride		33		4.0	ug/L	8260C
2-Methylnaphthalene		9.1		0.79	ug/L	8270D
4-Chloro-3-methylphenol		2.6	J	7.9	ug/L	8270D
Carbazole		1.3	J	4.0	ug/L	8270D
Naphthalene		52		0.79	ug/L	8270D
Total Recoverable						
Arsenic		9.0	J	15	ug/L	6010C
Barium		180	J	200	ug/L	6010C
Chromium		9.4	J	10	ug/L	6010C
Lead		2.7	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-6	**CARDCDPZ01G20131027**					
Acetone		15	B *	10	ug/L	8260C
Carbon disulfide		1.6		1.0	ug/L	8260C
cis-1,2-Dichloroethene		6.5		1.0	ug/L	8260C
1,2-Dichlorobenzene		0.52	J	1.0	ug/L	8260C
1,1-Dichloroethane		28		1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		1.0		1.0	ug/L	8260C
Trichloroethene		8.5		1.0	ug/L	8260C
Vinyl chloride		2.7		1.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		9100		2700	ug/L	8015C
delta-BHC		0.037	J	0.053	ug/L	8081B
gamma-BHC (Lindane)		0.016	J	0.053	ug/L	8081B
Total Recoverable						
Arsenic		6.8	J	15	ug/L	6010C
Barium		180	J	200	ug/L	6010C
Cadmium		0.70	J	5.0	ug/L	6010C
Chromium		20		10	ug/L	6010C
Lead		6.9	J	10	ug/L	6010C
240-30764-7	**CARMW31G20131027**					
cis-1,2-Dichloroethene		110		5.0	ug/L	8260C
1,1-Dichloroethane		14		5.0	ug/L	8260C
1,1-Dichloroethene		4.9	J	5.0	ug/L	8260C
trans-1,2-Dichloroethene		3.0	J	5.0	ug/L	8260C
Trichloroethene		310		5.0	ug/L	8260C
Vinyl chloride		7.5		5.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		2800		480	ug/L	8015C
Total Recoverable						
Arsenic		5.6	J	15	ug/L	6010C
Barium		160	J	200	ug/L	6010C
Chromium		5.0	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-8	**CARMW31H20131027**					
Acetone		11	J B *	50	ug/L	8260C
cis-1,2-Dichloroethene		120		5.0	ug/L	8260C
1,1-Dichloroethane		14		5.0	ug/L	8260C
1,1-Dichloroethene		5.4		5.0	ug/L	8260C
trans-1,2-Dichloroethene		3.5	J	5.0	ug/L	8260C
Trichloroethene		340		5.0	ug/L	8260C
Vinyl chloride		8.6		5.0	ug/L	8260C
Total Recoverable						
Arsenic		3.6	J	15	ug/L	6010C
Barium		170	J	200	ug/L	6010C
Chromium		5.8	J	10	ug/L	6010C
Lead		2.2	J	10	ug/L	6010C
240-30764-9	**CARDCDPZ04G20131027**					
Acetone		23	B	20	ug/L	8260C
Carbon disulfide		0.30	J	2.0	ug/L	8260C
Chloroethane		2.0		2.0	ug/L	8260C
cis-1,2-Dichloroethene		17		2.0	ug/L	8260C
1,1-Dichloroethane		3.2		2.0	ug/L	8260C
Ethylbenzene		1.2	J	2.0	ug/L	8260C
Toluene		0.36	J	2.0	ug/L	8260C
trans-1,2-Dichloroethene		1.1	J	2.0	ug/L	8260C
Trichloroethene		10		2.0	ug/L	8260C
Vinyl chloride		2.2		2.0	ug/L	8260C
Xylenes, Total		1.1	J	4.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		25000000		2000000	ug/L	8015C
Total Recoverable						
Arsenic		34		15	ug/L	6010C
Barium		1100		200	ug/L	6010C
Chromium		19		10	ug/L	6010C
Lead		7.7	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30764-10	**CARSSIPZ03G20131028**					
Acetone		1.7	J B *	10	ug/L	8260C
Carbon disulfide		0.23	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		2.3		1.0	ug/L	8260C
Trichloroethene		25		1.0	ug/L	8260C
Mercury		0.33		0.20	ug/L	7470A
Total Recoverable						
Arsenic		55		15	ug/L	6010C
Barium		1300		200	ug/L	6010C
Cadmium		1.1	J	5.0	ug/L	6010C
Chromium		140		10	ug/L	6010C
Lead		82		10	ug/L	6010C
240-30764-11	**CARMW29S11**					
Acetone		39		20	ug/Kg	8260C
Carbon disulfide		0.73	J	5.1	ug/Kg	8260C
cis-1,2-Dichloroethene		7.7		5.1	ug/Kg	8260C
Trichloroethene		72		5.1	ug/Kg	8260C
Vinyl chloride		0.52	J	5.1	ug/Kg	8260C
Arsenic		5.2		1.6	mg/Kg	6010C
Barium		110	B	22	mg/Kg	6010C
Cadmium		0.045	J	0.54	mg/Kg	6010C
Chromium		20		1.1	mg/Kg	6010C
Lead		8.8		1.1	mg/Kg	6010C
Mercury		0.028	J	0.14	mg/Kg	7471B
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
240-30764-12	**CARMW35DG20131028**					
Acetone		2.5	J B *	10	ug/L	8260C
Carbon disulfide		0.85	J	1.0	ug/L	8260C
Chloroform		2.6		1.0	ug/L	8260C
Dichlorobromomethane		0.34	J *	1.0	ug/L	8260C
Total Recoverable						
Arsenic		6.4	J	15	ug/L	6010C
Barium		100	J	200	ug/L	6010C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30764-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Closed System Purge and Trap	TAL CAN		SW846 5035
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Metals	TAL CAN		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CAN	SW846 7471B	
Preparation, Mercury	TAL CAN		SW846 7471B
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Total Recoverable or Dissolved Metals	TAL CAN		SW846 3005A
Mercury (CVAA)	TAL CAN	SW846 7470A	
Preparation, Mercury	TAL CAN		SW846 7470A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30764-1

Method	Analyst	Analyst ID
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Gruber, John	JMG
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8081B	Shock, Ray	RES
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Bosworth, Heather M	HMB
SW846 8082A	Hass, Lori	LSH
SW846 6010C	Counts, Karen	KLC
SW846 7470A	Martin, Aaron	AMM2
SW846 7470A	Sutherland, Aaron	ADS
SW846 7471B	Martin, Aaron	AMM2
EPA Moisture	Paulick, Ron	RPP

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30764-1	CARSSIPZ02G20131024	Water	10/24/2013 1706	10/29/2013 0910
240-30764-2	CARTRIP20131025	Water	10/25/2013 1545	10/29/2013 0910
240-30764-3	CARMW32G20131025	Water	10/25/2013 1641	10/29/2013 0910
240-30764-4	CARSSIPZ01G20131026	Water	10/26/2013 0906	10/29/2013 0910
240-30764-5	CARMW33G20131026	Water	10/26/2013 1202	10/29/2013 0910
240-30764-6	CARDCDPZ01G20131027	Water	10/27/2013 0915	10/29/2013 0910
240-30764-7	CARMW31G20131027	Water	10/27/2013 1141	10/29/2013 0910
240-30764-8	CARMW31H20131027	Water	10/27/2013 1141	10/29/2013 0910
240-30764-9	CARDCDPZ04G20131027	Water	10/27/2013 1540	10/29/2013 0910
240-30764-10	CARSSIPZ03G20131028	Water	10/28/2013 1541	10/29/2013 0910
240-30764-11	CARMW29S11	Solid	10/28/2013 1615	10/29/2013 0910
240-30764-12	CARMW35DG20131028	Water	10/28/2013 1705	10/29/2013 0910

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1478.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1536				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.38	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	2.1		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	4.8		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	0.48	J	0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	4.9		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	3.3		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1478.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1536				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 117
Dibromofluoromethane (Surr)	104		75 - 121
1,2-Dichloroethane-d4 (Surr)	100		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1478.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1536				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARTRIP20131025**

Lab Sample ID: 240-30764-2 Date Sampled: 10/25/2013 1545
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1479.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1558			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1558				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.27	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARTRIP20131025**

Lab Sample ID: 240-30764-2 Date Sampled: 10/25/2013 1545
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1479.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1558			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1558				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		66 - 117
Dibromofluoromethane (Surr)	109		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	102		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARTRIP20131025**

Lab Sample ID: 240-30764-2 Date Sampled: 10/25/2013 1545
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1479.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1558			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1558				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1480.D
Dilution:	3.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1621			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.2	J B *	3.7	33
Benzene	ND		0.43	3.3
Bromoform	ND		2.1	3.3
Bromomethane	ND		1.4	3.3
2-Butanone (MEK)	ND	*	1.9	33
Carbon disulfide	62		0.43	3.3
Carbon tetrachloride	ND		0.43	3.3
Chlorobenzene	ND		0.50	3.3
Chlorodibromomethane	ND	*	0.60	3.3
Chloroethane	3.4		0.97	3.3
Chloroform	1.4	J	0.53	3.3
Chloromethane	ND		1.0	3.3
cis-1,2-Dichloroethene	150		0.57	3.3
cis-1,3-Dichloropropene	ND	*	0.47	3.3
1,2-Dibromo-3-Chloropropane	ND		2.2	6.7
1,2-Dichlorobenzene	ND		0.43	3.3
1,3-Dichlorobenzene	ND		0.47	3.3
1,4-Dichlorobenzene	ND		0.43	3.3
Dichlorobromomethane	ND	*	0.50	3.3
Dichlorodifluoromethane	ND		1.0	3.3
1,1-Dichloroethane	220		0.50	3.3
1,2-Dichloroethane	1.1	J	0.73	3.3
1,1-Dichloroethene	18		0.63	3.3
1,2-Dichloropropane	ND		0.60	3.3
Ethylbenzene	ND		0.57	3.3
Ethylene Dibromide	ND	*	0.80	3.3
2-Hexanone	ND		1.4	33
Isopropylbenzene	ND		0.43	3.3
Methylene Chloride	ND		1.1	3.3
4-Methyl-2-pentanone (MIBK)	ND	*	1.1	33
Methyl tert-butyl ether	ND		0.57	3.3
Styrene	ND		0.37	3.3
1,1,2,2-Tetrachloroethane	ND		0.60	3.3
Tetrachloroethene	1.1	J	0.97	3.3
Toluene	2.2	J	0.43	3.3
trans-1,2-Dichloroethene	1.7	J	0.63	3.3
trans-1,3-Dichloropropene	ND	*	0.63	3.3
1,2,4-Trichlorobenzene	ND		0.50	3.3
1,1,1-Trichloroethane	33		0.73	3.3
1,1,2-Trichloroethane	ND		0.90	3.3
Trichloroethene	40		0.57	3.3
Trichlorofluoromethane	ND		0.70	3.3
Vinyl chloride	42		0.73	3.3
Xylenes, Total	ND		0.47	6.7

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1480.D
Dilution:	3.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1621			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1621				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	93		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1480.D
Dilution:	3.33			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1621			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1621				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1481.D
Dilution:	25			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1643			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1643				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	28	250
Benzene	ND		3.3	25
Bromoform	ND		16	25
Bromomethane	ND		10	25
2-Butanone (MEK)	ND	*	14	250
Carbon disulfide	ND		3.3	25
Carbon tetrachloride	ND		3.3	25
Chlorobenzene	ND		3.8	25
Chlorodibromomethane	ND	*	4.5	25
Chloroethane	ND		7.3	25
Chloroform	ND		4.0	25
Chloromethane	ND		7.5	25
cis-1,2-Dichloroethene	82		4.3	25
cis-1,3-Dichloropropene	ND	*	3.5	25
1,2-Dibromo-3-Chloropropane	ND		17	50
1,2-Dichlorobenzene	ND		3.3	25
1,3-Dichlorobenzene	ND		3.5	25
1,4-Dichlorobenzene	ND		3.3	25
Dichlorobromomethane	ND	*	3.8	25
Dichlorodifluoromethane	ND		7.8	25
1,1-Dichloroethane	ND		3.8	25
1,2-Dichloroethane	ND		5.5	25
1,1-Dichloroethene	ND		4.8	25
1,2-Dichloropropane	ND		4.5	25
Ethylbenzene	ND		4.3	25
Ethylene Dibromide	ND	*	6.0	25
2-Hexanone	ND		10	250
Isopropylbenzene	ND		3.3	25
Methylene Chloride	ND		8.3	25
4-Methyl-2-pentanone (MIBK)	ND	*	8.0	250
Methyl tert-butyl ether	ND		4.3	25
Styrene	ND		2.8	25
1,1,2,2-Tetrachloroethane	ND		4.5	25
Tetrachloroethene	ND		7.3	25
Toluene	ND		3.3	25
trans-1,2-Dichloroethene	15	J	4.8	25
trans-1,3-Dichloropropene	ND	*	4.8	25
1,2,4-Trichlorobenzene	ND		3.8	25
1,1,1-Trichloroethane	ND		5.5	25
1,1,2-Trichloroethane	ND		6.8	25
Trichloroethene	1300		4.3	25
Trichlorofluoromethane	ND		5.3	25
Vinyl chloride	ND		5.5	25
Xylenes, Total	ND		3.5	50

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1481.D
Dilution:	25			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1643			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1643				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1481.D
Dilution:	25			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1643			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1643				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1530.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1246			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	27	J B	4.4	40
Benzene	ND		0.52	4.0
Bromoform	ND		2.6	4.0
Bromomethane	ND		1.6	4.0
2-Butanone (MEK)	ND	*	2.3	40
Carbon disulfide	ND		0.52	4.0
Carbon tetrachloride	ND		0.52	4.0
Chlorobenzene	ND		0.60	4.0
Chlorodibromomethane	ND		0.72	4.0
Chloroethane	ND		1.2	4.0
Chloroform	3.0	J	0.64	4.0
Chloromethane	ND		1.2	4.0
cis-1,2-Dichloroethene	190		0.68	4.0
cis-1,3-Dichloropropene	ND	*	0.56	4.0
1,2-Dibromo-3-Chloropropane	ND		2.7	8.0
1,2-Dichlorobenzene	ND		0.52	4.0
1,3-Dichlorobenzene	ND		0.56	4.0
1,4-Dichlorobenzene	ND		0.52	4.0
Dichlorobromomethane	ND		0.60	4.0
Dichlorodifluoromethane	ND		1.2	4.0
1,1-Dichloroethane	60		0.60	4.0
1,2-Dichloroethane	ND		0.88	4.0
1,1-Dichloroethene	8.4		0.76	4.0
1,2-Dichloropropane	ND		0.72	4.0
Ethylbenzene	ND		0.68	4.0
Ethylene Dibromide	ND		0.96	4.0
2-Hexanone	ND		1.6	40
Isopropylbenzene	ND		0.52	4.0
Methylene Chloride	ND		1.3	4.0
4-Methyl-2-pentanone (MIBK)	ND		1.3	40
Methyl tert-butyl ether	ND		0.68	4.0
Styrene	ND		0.44	4.0
1,1,2,2-Tetrachloroethane	ND		0.72	4.0
Tetrachloroethene	ND		1.2	4.0
Toluene	1.4	J	0.52	4.0
trans-1,2-Dichloroethene	2.3	J	0.76	4.0
trans-1,3-Dichloropropene	ND	*	0.76	4.0
1,2,4-Trichlorobenzene	ND		0.60	4.0
1,1,1-Trichloroethane	ND		0.88	4.0
1,1,2-Trichloroethane	ND		1.1	4.0
Trichloroethene	48		0.68	4.0
Trichlorofluoromethane	ND		0.84	4.0
Vinyl chloride	33		0.88	4.0
Xylenes, Total	ND		0.56	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1530.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1246			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1246				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	94		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1530.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1246			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1246				

Tentatively Identified Compounds **Number TIC's Found: 7**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.45	160	T J N
1120-21-4	Undecane	11.00	140	T J N
3221-61-2	Octane, 2-methyl-	11.19	74	T J N
104-76-7	1-Hexanol, 2-ethyl-	11.61	70	T J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.70	51	T J N
112-40-3	Dodecane	12.08	87	T J N
91-20-3	Naphthalene	12.77	73	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1482.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1705			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1705				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15	B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	1.6		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	6.5		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	0.52	J	0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	28		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	0.31	J	0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	1.0		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	8.5		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	2.7		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1482.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1705			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1705				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	103		75 - 121
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
Toluene-d8 (Surr)	98		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1482.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1705			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1705				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
6975-98-0	Decane, 2-methyl-	10.59	6.8	T J N
13151-34-3	Decane, 3-methyl-	10.68	7.5	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.91	8.5	T J N
1120-21-4	Undecane	11.00	31	T J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.09	8.4	T J N
62185-21-1	Octane, 3,4,5,6-tetramethyl-	11.20	16	T J N
3789-85-3	Benzoic acid, 2-[(trimethylsilyl)oxy]-,	11.41	6.1	T J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	5.4	T J N
4292-92-6	Cyclohexane, pentyl-	11.61	8.4	T J N
112-40-3	Dodecane	12.08	8.1	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1483.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1727			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND	*	5.5	50
Benzene	ND		0.65	5.0
Bromoform	ND		3.2	5.0
Bromomethane	ND		2.1	5.0
2-Butanone (MEK)	ND	*	2.9	50
Carbon disulfide	ND		0.65	5.0
Carbon tetrachloride	ND		0.65	5.0
Chlorobenzene	ND		0.75	5.0
Chlorodibromomethane	ND	*	0.90	5.0
Chloroethane	ND		1.5	5.0
Chloroform	ND		0.80	5.0
Chloromethane	ND		1.5	5.0
cis-1,2-Dichloroethene	110		0.85	5.0
cis-1,3-Dichloropropene	ND	*	0.70	5.0
1,2-Dibromo-3-Chloropropane	ND		3.4	10
1,2-Dichlorobenzene	ND		0.65	5.0
1,3-Dichlorobenzene	ND		0.70	5.0
1,4-Dichlorobenzene	ND		0.65	5.0
Dichlorobromomethane	ND	*	0.75	5.0
Dichlorodifluoromethane	ND		1.6	5.0
1,1-Dichloroethane	14		0.75	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,1-Dichloroethene	4.9	J	0.95	5.0
1,2-Dichloropropane	ND		0.90	5.0
Ethylbenzene	ND		0.85	5.0
Ethylene Dibromide	ND	*	1.2	5.0
2-Hexanone	ND		2.1	50
Isopropylbenzene	ND		0.65	5.0
Methylene Chloride	ND		1.7	5.0
4-Methyl-2-pentanone (MIBK)	ND	*	1.6	50
Methyl tert-butyl ether	ND		0.85	5.0
Styrene	ND		0.55	5.0
1,1,2,2-Tetrachloroethane	ND		0.90	5.0
Tetrachloroethene	ND		1.5	5.0
Toluene	ND		0.65	5.0
trans-1,2-Dichloroethene	3.0	J	0.95	5.0
trans-1,3-Dichloropropene	ND	*	0.95	5.0
1,2,4-Trichlorobenzene	ND		0.75	5.0
1,1,1-Trichloroethane	ND		1.1	5.0
1,1,2-Trichloroethane	ND		1.4	5.0
Trichloroethene	310		0.85	5.0
Trichlorofluoromethane	ND		1.1	5.0
Vinyl chloride	7.5		1.1	5.0
Xylenes, Total	ND		0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1483.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1727			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1727				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1483.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1727			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1727				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	10.88	24	T J N
1120-21-4	Undecane	11.00	16	T J N
460-01-5	2,6-Dimethyl-1,3,5,7-octatetraene, E	11.19	29	T J N
2870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.25	20	T J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.39	24	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.65	19	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.70	28	T J N
6516-89-8	1H-1,5-Benzodiazepine, 2,3,4,5-tetrahydr	11.80	19	T J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.13	43	T J N
91-20-3	Naphthalene	12.77	23	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1484.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1749			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	11	J B *	5.5	50
Benzene	ND		0.65	5.0
Bromoform	ND		3.2	5.0
Bromomethane	ND		2.1	5.0
2-Butanone (MEK)	ND	*	2.9	50
Carbon disulfide	ND		0.65	5.0
Carbon tetrachloride	ND		0.65	5.0
Chlorobenzene	ND		0.75	5.0
Chlorodibromomethane	ND	*	0.90	5.0
Chloroethane	ND		1.5	5.0
Chloroform	ND		0.80	5.0
Chloromethane	ND		1.5	5.0
cis-1,2-Dichloroethene	120		0.85	5.0
cis-1,3-Dichloropropene	ND	*	0.70	5.0
1,2-Dibromo-3-Chloropropane	ND		3.4	10
1,2-Dichlorobenzene	ND		0.65	5.0
1,3-Dichlorobenzene	ND		0.70	5.0
1,4-Dichlorobenzene	ND		0.65	5.0
Dichlorobromomethane	ND	*	0.75	5.0
Dichlorodifluoromethane	ND		1.6	5.0
1,1-Dichloroethane	14		0.75	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,1-Dichloroethene	5.4		0.95	5.0
1,2-Dichloropropane	ND		0.90	5.0
Ethylbenzene	ND		0.85	5.0
Ethylene Dibromide	ND	*	1.2	5.0
2-Hexanone	ND		2.1	50
Isopropylbenzene	ND		0.65	5.0
Methylene Chloride	ND		1.7	5.0
4-Methyl-2-pentanone (MIBK)	ND	*	1.6	50
Methyl tert-butyl ether	ND		0.85	5.0
Styrene	ND		0.55	5.0
1,1,2,2-Tetrachloroethane	ND		0.90	5.0
Tetrachloroethene	ND		1.5	5.0
Toluene	ND		0.65	5.0
trans-1,2-Dichloroethene	3.5	J	0.95	5.0
trans-1,3-Dichloropropene	ND	*	0.95	5.0
1,2,4-Trichlorobenzene	ND		0.75	5.0
1,1,1-Trichloroethane	ND		1.1	5.0
1,1,2-Trichloroethane	ND		1.4	5.0
Trichloroethene	340		0.85	5.0
Trichlorofluoromethane	ND		1.1	5.0
Vinyl chloride	8.6		1.1	5.0
Xylenes, Total	ND		0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1484.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1749			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1749				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1484.D
Dilution:	5.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1749			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1749				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	10.88	22	T J N
1120-21-4	Undecane	11.00	13	T J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.18	26	T J N
2870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	11.25	18	T J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.39	27	T J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.56	13	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.65	18	T J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.70	27	T J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.13	42	T J N
91-20-3	Naphthalene	12.77	23	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1534.D
Dilution:	2.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1422			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1422				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	23	B	2.2	20
Benzene	ND		0.26	2.0
Bromoform	ND		1.3	2.0
Bromomethane	ND		0.82	2.0
2-Butanone (MEK)	ND	*	1.1	20
Carbon disulfide	0.30	J	0.26	2.0
Carbon tetrachloride	ND		0.26	2.0
Chlorobenzene	ND		0.30	2.0
Chlorodibromomethane	ND		0.36	2.0
Chloroethane	2.0		0.58	2.0
Chloroform	ND		0.32	2.0
Chloromethane	ND		0.60	2.0
cis-1,2-Dichloroethene	17		0.34	2.0
cis-1,3-Dichloropropene	ND	*	0.28	2.0
1,2-Dibromo-3-Chloropropane	ND		1.3	4.0
1,2-Dichlorobenzene	ND		0.26	2.0
1,3-Dichlorobenzene	ND		0.28	2.0
1,4-Dichlorobenzene	ND		0.26	2.0
Dichlorobromomethane	ND		0.30	2.0
Dichlorodifluoromethane	ND		0.62	2.0
1,1-Dichloroethane	3.2		0.30	2.0
1,2-Dichloroethane	ND		0.44	2.0
1,1-Dichloroethene	ND		0.38	2.0
1,2-Dichloropropane	ND		0.36	2.0
Ethylbenzene	1.2	J	0.34	2.0
Ethylene Dibromide	ND		0.48	2.0
2-Hexanone	ND		0.82	20
Isopropylbenzene	ND		0.26	2.0
Methylene Chloride	ND		0.66	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.64	20
Methyl tert-butyl ether	ND		0.34	2.0
Styrene	ND		0.22	2.0
1,1,2,2-Tetrachloroethane	ND		0.36	2.0
Tetrachloroethene	ND		0.58	2.0
Toluene	0.36	J	0.26	2.0
trans-1,2-Dichloroethene	1.1	J	0.38	2.0
trans-1,3-Dichloropropene	ND	*	0.38	2.0
1,2,4-Trichlorobenzene	ND		0.30	2.0
1,1,1-Trichloroethane	ND		0.44	2.0
1,1,2-Trichloroethane	ND		0.54	2.0
Trichloroethene	10		0.34	2.0
Trichlorofluoromethane	ND		0.42	2.0
Vinyl chloride	2.2		0.44	2.0
Xylenes, Total	1.1	J	0.28	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1534.D
Dilution:	2.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1422			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1422				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	93		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1534.D
Dilution:	2.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1422			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1422				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.45	150	T J N
2847-72-5	Decane, 4-methyl-	10.13	49	T J N
91-17-8	Naphthalene, decahydro-	10.92	120	T J N
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	11.03	90	T J N
1000192-41-3	4-Methyl-dodecan-1-ol	11.10	120	T J N
4126-78-7	Cycloheptane, methyl-	11.22	160	T J N
17312-54-8	Decane, 3,7-dimethyl-	11.35	78	T J N
13837-66-6	m-Menthane, (1S,3R)-(+)-	11.49	56	T J N
1000152-47-3	trans-Decalin, 2-methyl-	11.56	57	T J N
4292-92-6	Cyclohexane, pentyl-	11.62	70	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1485.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1812			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.7	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.23	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	2.3		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	25		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1485.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1812			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1812				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		66 - 117
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	96		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1485.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1812			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1812				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
1678-91-7	Cyclohexane, ethyl-	11.61	3.6	T J N
4413-21-2	Cyclopentane, 1,1'-ethylidenebis-	12.14	4.3	T J N
17301-23-4	Undecane, 2,6-dimethyl-	12.24	6.3	T J N
2530-17-8	2(1H)-Naphthalenone, octahydro-8a-methyl	12.31	4.2	T J N
4292-75-5	Cyclohexane, hexyl-	12.70	6.7	T J N
26730-14-3	Tridecane, 7-methyl-	12.84	7.4	T J N
62199-52-4	Cyclopentane, 1,2-dibutyl-	12.94	3.4	T J N
55282-34-3	Cyclohexane, 1,3,5-trimethyl-2-octadecyl	13.73	3.1	T J N
55282-11-6	Heneicosane, 11-(1-ethylpropyl)-	13.80	3.1	T J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.05	4.9	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-107644	Lab File ID:	UX88401.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	10/30/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	10/29/2013 1430				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		39		6.4	20
Benzene		ND		0.24	5.1
Bromoform		ND		0.34	5.1
Bromomethane		ND		0.55	5.1
2-Butanone (MEK)		ND		1.4	20
Carbon disulfide		0.73	J	0.45	5.1
Carbon tetrachloride		ND		0.38	5.1
Chlorobenzene		ND		0.34	5.1
Chlorodibromomethane		ND		0.56	5.1
Chloroethane		ND		0.88	5.1
Chloroform		ND		0.30	5.1
Chloromethane		ND		0.42	5.1
cis-1,2-Dichloroethene		7.7		0.37	5.1
cis-1,3-Dichloropropene		ND		0.35	5.1
1,2-Dibromo-3-Chloropropane		ND	*	1.3	10
1,2-Dichlorobenzene		ND	*	0.37	5.1
1,3-Dichlorobenzene		ND	*	0.36	5.1
1,4-Dichlorobenzene		ND	*	0.67	5.1
Dichlorobromomethane		ND		0.29	5.1
Dichlorodifluoromethane		ND		0.51	5.1
1,1-Dichloroethane		ND		0.37	5.1
1,2-Dichloroethane		ND		0.35	5.1
1,1-Dichloroethene		ND		0.53	5.1
1,2-Dichloropropane		ND		0.71	5.1
Ethylbenzene		ND		0.27	5.1
Ethylene Dibromide		ND		0.51	5.1
2-Hexanone		ND		0.64	20
Isopropylbenzene		ND		0.16	5.1
Methylene Chloride		ND		0.69	5.1
4-Methyl-2-pentanone (MIBK)		ND		0.55	20
Methyl tert-butyl ether		ND		0.44	5.1
Styrene		ND		0.15	5.1
1,1,2,2-Tetrachloroethane		ND	*	0.35	5.1
Tetrachloroethene		ND		0.53	5.1
Toluene		ND		0.28	5.1
trans-1,2-Dichloroethene		ND		0.42	5.1
trans-1,3-Dichloropropene		ND		0.55	5.1
1,2,4-Trichlorobenzene		ND	*	0.28	5.1
1,1,1-Trichloroethane		ND		0.57	5.1
1,1,2-Trichloroethane		ND		0.40	5.1
Trichloroethene		72		0.43	5.1
Trichlorofluoromethane		ND		0.35	5.1
Vinyl chloride		0.52	J	0.40	5.1
Xylenes, Total		ND		0.36	10

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-107644	Lab File ID:	UX88401.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	10/30/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	10/29/2013 1430				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	149	X	52 - 136
Dibromofluoromethane (Surr)	92		37 - 132
1,2-Dichloroethane-d4 (Surr)	94		58 - 123
Toluene-d8 (Surr)	115		67 - 125

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-107644	Lab File ID:	UX88401.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	10/30/2013 1028			Final Weight/Volume:	5 mL
Prep Date:	10/29/2013 1430				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	6.71	140	T J N
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	7.26	320	T J N
2216-34-4	Octane, 4-methyl-	7.45	310	T J N
6236-88-0	Cyclohexane, 1-ethyl-4-methyl-, trans-	7.94	280	T J N
19489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	8.22	460	T J N
2051-30-1	Octane, 2,6-dimethyl-	8.38	460	T J N
3868-64-2	Pentalene, octahydro-2-methyl-	8.45	400	T J N
1000151-39-4	Cyclooctane, 1-methyl-3-propyl-	8.51	700	T J N
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	9.15	140	T J N
5881-17-4	Octane, 3-ethyl-	9.89	240	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1486.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1834			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.85	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	2.6		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	0.34	J *	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1486.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1834			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1834				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1486.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1834			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1834				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
1066-40-6	Silanol, trimethyl-	4.50	4.1	T J N

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104017.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/04/2013 1644			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.9
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.9
2,4-Dinitrotoluene	ND		0.24	4.9
2-Chlorophenol	ND		0.28	0.97
2-Methylnaphthalene	ND		0.088	0.19
2-Methylphenol	ND		0.17	0.97
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.78	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.9
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.9
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.047	0.19
Acetophenone	ND		0.33	0.97
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.029	0.19
Benzo[a]pyrene	ND		0.050	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.97
Bis(2-chloroethyl)ether	ND		0.097	0.97
Bis(2-ethylhexyl) phthalate	0.26	J B	0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.97
Chrysene	ND		0.049	0.19
Di-n-butyl phthalate	ND		0.65	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.97
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	0.19		0.043	0.19
Fluorene	0.10	J	0.039	0.19
Hexachlorobenzene	ND		0.083	0.19
Hexachlorobutadiene	ND		0.26	0.97
Hexachlorocyclopentadiene	ND		0.23	9.7

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104017.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/04/2013 1644			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.97
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.97
N-Nitrosodi-n-propylamine	ND		0.23	0.97
N-Nitrosodiphenylamine	ND		0.30	0.97
Naphthalene	0.16	J	0.061	0.19
Nitrobenzene	ND		0.039	0.97
Pentachlorophenol	ND		0.26	4.9
Phenanthrene	0.14	J	0.060	0.19
Phenol	ND		0.58	0.97
Pyrene	0.13	J	0.041	0.19
bis (2-chloroisopropyl) ether	ND		0.39	0.97
2,6-Dinitrotoluene	ND		0.78	4.9
4-Nitrophenol	ND		0.28	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	75		24 - 110
Phenol-d5 (Surr)	64		21 - 110
Nitrobenzene-d5 (Surr)	64		21 - 110
2-Fluorophenol (Surr)	62		10 - 110
2-Fluorobiphenyl (Surr)	64		20 - 110
2,4,6-Tribromophenol (Surr)	80		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/04/2013 1709			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.96
2-Methylnaphthalene	0.40		0.087	0.19
2-Methylphenol	ND		0.16	0.96
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.77	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	13		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	ND		0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.96
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	ND		0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.96
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.082	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.23	9.6

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-107842	Lab File ID:	31104018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/04/2013 1709			Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.96
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.96
N-Nitrosodi-n-propylamine	ND		0.23	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
Naphthalene	2.3		0.060	0.19
Nitrobenzene	ND		0.038	0.96
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.96
2,6-Dinitrotoluene	ND		0.77	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	82		24 - 110
Phenol-d5 (Surr)	74		21 - 110
Nitrobenzene-d5 (Surr)	67		21 - 110
2-Fluorophenol (Surr)	68		10 - 110
2-Fluorobiphenyl (Surr)	73		20 - 110
2,4,6-Tribromophenol (Surr)	95		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/08/2013 1640			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.23	4.8
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4-Dichlorophenol	ND		0.18	1.9
2,4-Dimethylphenol	ND		0.24	1.9
2,4-Dinitrophenol	ND		0.31	4.8
2,4-Dinitrotoluene	ND		0.24	4.8
2-Chlorophenol	ND		0.28	0.96
2-Methylnaphthalene	ND		0.087	0.19
2-Methylphenol	ND		0.16	0.96
2-Nitroaniline	ND		0.20	1.9
2-Nitrophenol	ND		0.27	1.9
3 & 4 Methylphenol	ND		0.77	1.9
3,3'-Dichlorobenzidine	ND		0.36	4.8
3-Nitroaniline	ND		0.27	1.9
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
4-Bromophenyl phenyl ether	ND		0.21	1.9
4-Chloro-3-methylphenol	ND		0.20	1.9
4-Chloroaniline	ND		0.20	1.9
4-Chlorophenyl phenyl ether	ND		0.29	1.9
4-Nitroaniline	ND		0.21	1.9
Acenaphthene	ND		0.043	0.19
Acenaphthylene	ND		0.046	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.085	0.19
Benzo[a]anthracene	ND		0.028	0.19
Benzo[a]pyrene	ND		0.049	0.19
Benzo[b]fluoranthene	ND		0.038	0.19
Benzo[g,h,i]perylene	ND		0.045	0.19
Benzo[k]fluoranthene	ND		0.043	0.19
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	ND		0.21	1.9
Butyl benzyl phthalate	ND		0.25	1.9
Carbazole	ND		0.27	0.96
Chrysene	ND		0.048	0.19
Di-n-butyl phthalate	ND		0.64	1.9
Di-n-octyl phthalate	ND		0.22	1.9
Dibenz(a,h)anthracene	ND		0.043	0.19
Dibenzofuran	ND		0.019	0.96
Diethyl phthalate	ND		0.58	1.9
Dimethyl phthalate	ND		0.28	1.9
Fluoranthene	ND		0.043	0.19
Fluorene	ND		0.039	0.19
Hexachlorobenzene	ND		0.082	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.23	9.6

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108018.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	11/08/2013 1640			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.18	0.96
Indeno[1,2,3-cd]pyrene	ND		0.042	0.19
Isophorone	ND		0.26	0.96
N-Nitrosodi-n-propylamine	ND		0.23	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
Naphthalene	ND		0.060	0.19
Nitrobenzene	ND		0.038	0.96
Pentachlorophenol	ND		0.26	4.8
Phenanthrene	ND		0.060	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.040	0.19
bis (2-chloroisopropyl) ether	ND		0.38	0.96
2,6-Dinitrotoluene	ND		0.77	4.8
4-Nitrophenol	ND		0.28	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	59		24 - 110
Phenol-d5 (Surr)	71		21 - 110
Nitrobenzene-d5 (Surr)	70		21 - 110
2-Fluorophenol (Surr)	70		10 - 110
2-Fluorobiphenyl (Surr)	71		20 - 110
2,4,6-Tribromophenol (Surr)	94		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108029.D
Dilution:	4.0			Initial Weight/Volume:	1010 mL
Analysis Date:	11/08/2013 2115			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.95	20
2,4,5-Trichlorophenol	ND		1.2	20
2,4-Dichlorophenol	ND		0.75	7.9
2,4-Dimethylphenol	ND		0.99	7.9
2,4-Dinitrophenol	ND		1.3	20
2,4-Dinitrotoluene	ND		0.99	20
2-Chlorophenol	ND		1.1	4.0
2-Methylnaphthalene	9.1		0.36	0.79
2-Methylphenol	ND		0.67	4.0
2-Nitroaniline	ND		0.83	7.9
2-Nitrophenol	ND		1.1	7.9
3 & 4 Methylphenol	ND		3.2	7.9
3,3'-Dichlorobenzidine	ND		1.5	20
3-Nitroaniline	ND		1.1	7.9
4,6-Dinitro-2-methylphenol	ND		9.5	20
4-Bromophenyl phenyl ether	ND		0.87	7.9
4-Chloro-3-methylphenol	2.6	J	0.83	7.9
4-Chloroaniline	ND		0.83	7.9
4-Chlorophenyl phenyl ether	ND		1.2	7.9
4-Nitroaniline	ND		0.87	7.9
Acenaphthene	ND		0.18	0.79
Acenaphthylene	ND		0.19	0.79
Acetophenone	ND		1.3	4.0
Anthracene	ND		0.35	0.79
Benzo[a]anthracene	ND		0.12	0.79
Benzo[a]pyrene	ND		0.20	0.79
Benzo[b]fluoranthene	ND		0.16	0.79
Benzo[g,h,i]perylene	ND		0.18	0.79
Benzo[k]fluoranthene	ND		0.18	0.79
Bis(2-chloroethoxy)methane	ND		1.3	4.0
Bis(2-chloroethyl)ether	ND		0.40	4.0
Bis(2-ethylhexyl) phthalate	ND		0.87	7.9
Butyl benzyl phthalate	ND		1.0	7.9
Carbazole	1.3	J	1.1	4.0
Chrysene	ND		0.20	0.79
Di-n-butyl phthalate	ND		2.7	7.9
Di-n-octyl phthalate	ND		0.91	7.9
Dibenz(a,h)anthracene	ND		0.18	0.79
Dibenzofuran	ND		0.079	4.0
Diethyl phthalate	ND		2.4	7.9
Dimethyl phthalate	ND		1.1	7.9
Fluoranthene	ND		0.18	0.79
Fluorene	ND		0.16	0.79
Hexachlorobenzene	ND		0.34	0.79
Hexachlorobutadiene	ND		1.1	4.0
Hexachlorocyclopentadiene	ND		0.95	40

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-108039	Lab File ID:	31108029.D
Dilution:	4.0			Initial Weight/Volume:	1010 mL
Analysis Date:	11/08/2013 2115			Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.75	4.0
Indeno[1,2,3-cd]pyrene	ND		0.17	0.79
Isophorone	ND		1.1	4.0
N-Nitrosodi-n-propylamine	ND		0.95	4.0
N-Nitrosodiphenylamine	ND		1.2	4.0
Naphthalene	52		0.25	0.79
Nitrobenzene	ND		0.16	4.0
Pentachlorophenol	ND		1.1	20
Phenanthrene	ND		0.25	0.79
Phenol	ND		2.4	4.0
Pyrene	ND		0.17	0.79
bis (2-chloroisopropyl) ether	ND		1.6	4.0
2,6-Dinitrotoluene	ND		3.2	20
4-Nitrophenol	ND		1.1	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	72		24 - 110
Phenol-d5 (Surr)	65		21 - 110
Nitrobenzene-d5 (Surr)	67		21 - 110
2-Fluorophenol (Surr)	59		10 - 110
2-Fluorobiphenyl (Surr)	62		20 - 110
2,4,6-Tribromophenol (Surr)	82		21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-108118	Instrument ID:	A2HP6F
Prep Method:	3520C	Prep Batch:	240-107680	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/02/2013 0441			Injection Volume:	1 uL
Prep Date:	10/30/2013 0900			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	680		230	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	90		40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-109887	Instrument ID:	A2HP6R
Prep Method:	3520C	Prep Batch:	240-107847	Initial Weight/Volume:	940 mL
Dilution:	5.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/15/2013 1812			Injection Volume:	1 uL
Prep Date:	10/31/2013 0834			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	9100		1300	2700

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	82		40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Prep Method:	3520C	Prep Batch:	240-107847	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/12/2013 2117			Injection Volume:	1 uL
Prep Date:	10/31/2013 0834			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	2800		230	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	88		40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-109887	Instrument ID:	A2HP6R
Prep Method:	3520C	Prep Batch:	240-107847	Initial Weight/Volume:	900 mL
Dilution:	500			Final Weight/Volume:	36.0 mL
Analysis Date:	11/15/2013 1843			Injection Volume:	1 uL
Prep Date:	10/31/2013 0834			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	25000000		950000	2000000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	272	X	40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107685	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/08/2013 0242			Injection Volume:	1 uL
Prep Date:	10/30/2013 0911			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0079	0.048
alpha-BHC	ND		0.0067	0.048
alpha-Chlordane	ND		0.013	0.048
beta-BHC	ND		0.0081	0.048
4,4'-DDD	ND		0.0092	0.048
4,4'-DDE	ND		0.0093	0.048
4,4'-DDT	ND	*	0.015	0.048
delta-BHC	ND		0.0084	0.048
Dieldrin	ND		0.0072	0.048
Endosulfan I	ND		0.013	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.011	0.048
Endrin	ND		0.011	0.048
Endrin aldehyde	ND		0.011	0.048
Endrin ketone	ND		0.0075	0.048
gamma-BHC (Lindane)	ND		0.0062	0.048
gamma-Chlordane	ND		0.012	0.048
Heptachlor	ND		0.0077	0.048
Heptachlor epoxide	ND		0.0068	0.048
Methoxychlor	ND		0.031	0.096
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		30 - 121
Tetrachloro-m-xylene	77		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107685	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/08/2013 0242			Injection Volume:	1 uL
Prep Date:	10/30/2013 0911			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		30 - 121
Tetrachloro-m-xylene	76		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2158			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0080	0.049
alpha-BHC	0.011	J	0.0069	0.049
alpha-Chlordane	ND		0.014	0.049
beta-BHC	ND		0.0082	0.049
4,4'-DDD	ND		0.0094	0.049
4,4'-DDE	ND		0.0095	0.049
4,4'-DDT	ND		0.016	0.049
delta-BHC	ND		0.0085	0.049
Dieldrin	ND		0.0074	0.049
Endosulfan I	ND		0.013	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.011	0.049
Endrin	ND		0.011	0.049
Endrin aldehyde	ND		0.011	0.049
Endrin ketone	ND		0.0076	0.049
gamma-BHC (Lindane)	ND		0.0063	0.049
gamma-Chlordane	ND		0.012	0.049
Heptachlor	ND		0.0078	0.049
Heptachlor epoxide	ND		0.0070	0.049
Methoxychlor	ND		0.031	0.098
Toxaphene	ND		0.31	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	33		30 - 121
Tetrachloro-m-xylene	58		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2158			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	30		30 - 121
Tetrachloro-m-xylene	63		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2218			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	18	X	30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2218			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	18	X	30 - 121
Tetrachloro-m-xylene	63		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2238			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0079	0.048
alpha-BHC	ND		0.0067	0.048
alpha-Chlordane	ND		0.013	0.048
beta-BHC	ND		0.0081	0.048
4,4'-DDD	ND		0.0092	0.048
4,4'-DDE	ND		0.0093	0.048
4,4'-DDT	ND		0.015	0.048
delta-BHC	ND		0.0084	0.048
Dieldrin	ND		0.0072	0.048
Endosulfan I	ND		0.013	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.011	0.048
Endrin	ND		0.011	0.048
Endrin aldehyde	ND		0.011	0.048
Endrin ketone	ND		0.0075	0.048
gamma-BHC (Lindane)	ND		0.0062	0.048
gamma-Chlordane	ND		0.012	0.048
Heptachlor	ND		0.0077	0.048
Heptachlor epoxide	ND		0.0068	0.048
Methoxychlor	ND		0.031	0.096
Toxaphene	ND		0.31	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	20	X	30 - 121
Tetrachloro-m-xylene	80		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2238			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	19	X	30 - 121
Tetrachloro-m-xylene	108		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2258			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0086	0.053
alpha-BHC	ND		0.0074	0.053
alpha-Chlordane	ND		0.015	0.053
beta-BHC	ND		0.0088	0.053
4,4'-DDD	ND		0.010	0.053
4,4'-DDE	ND		0.010	0.053
4,4'-DDT	ND		0.017	0.053
delta-BHC	0.037	J	0.0092	0.053
Dieldrin	ND		0.0079	0.053
Endosulfan I	ND		0.014	0.053
Endosulfan II	ND		0.013	0.053
Endosulfan sulfate	ND		0.012	0.053
Endrin	ND		0.012	0.053
Endrin aldehyde	ND		0.012	0.053
Endrin ketone	ND		0.0082	0.053
gamma-BHC (Lindane)	0.016	J	0.0067	0.053
gamma-Chlordane	ND		0.013	0.053
Heptachlor	ND		0.0084	0.053
Heptachlor epoxide	ND		0.0075	0.053
Methoxychlor	ND		0.034	0.11
Toxaphene	ND		0.34	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26	X	30 - 121
Tetrachloro-m-xylene	62		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2258			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	27	X	30 - 121
Tetrachloro-m-xylene	70		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2319			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	30		30 - 121
Tetrachloro-m-xylene	70		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/14/2013 2319			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26	X	30 - 121
Tetrachloro-m-xylene	78		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0714			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.19
alpha-BHC	ND		0.027	0.19
alpha-Chlordane	ND		0.054	0.19
beta-BHC	ND		0.032	0.19
4,4'-DDD	ND		0.037	0.19
4,4'-DDE	ND		0.037	0.19
4,4'-DDT	ND		0.062	0.19
delta-BHC	ND		0.033	0.19
Dieldrin	ND		0.029	0.19
Endosulfan I	ND		0.050	0.19
Endosulfan II	ND		0.046	0.19
Endosulfan sulfate	ND		0.042	0.19
Endrin	ND		0.042	0.19
Endrin aldehyde	ND		0.042	0.19
Endrin ketone	ND		0.030	0.19
gamma-BHC (Lindane)	ND		0.025	0.19
gamma-Chlordane	ND		0.046	0.19
Heptachlor	ND		0.031	0.19
Heptachlor epoxide	ND		0.027	0.19
Methoxychlor	ND	*	0.12	0.38
Toxaphene	ND		1.2	7.7

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		30 - 121
Tetrachloro-m-xylene	77		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0714			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	910 mL
Dilution:	500			Final Weight/Volume:	5.0 mL
Analysis Date:	11/16/2013 1431			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		4.5	27
alpha-BHC	ND		3.8	27
alpha-Chlordane	ND		7.7	27
beta-BHC	ND		4.6	27
4,4'-DDD	ND		5.3	27
4,4'-DDE	ND		5.3	27
4,4'-DDT	ND		8.8	27
delta-BHC	ND		4.8	27
Dieldrin	ND		4.1	27
Endosulfan I	ND		7.1	27
Endosulfan II	ND		6.6	27
Endosulfan sulfate	ND		6.0	27
Endrin	ND		6.0	27
Endrin aldehyde	ND		6.0	27
Endrin ketone	ND		4.3	27
gamma-BHC (Lindane)	ND		3.5	27
gamma-Chlordane	ND		6.6	27
Heptachlor	ND		4.4	27
Heptachlor epoxide	ND		3.9	27
Methoxychlor	ND		18	55
Toxaphene	ND		180	1100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 121
Tetrachloro-m-xylene	0	X	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-107853	Initial Weight/Volume:	910 mL
Dilution:	500			Final Weight/Volume:	5.0 mL
Analysis Date:	11/16/2013 1431			Injection Volume:	1 uL
Prep Date:	10/31/2013 0851			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	30 - 121
Tetrachloro-m-xylene	0	X	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0735			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.19
alpha-BHC	ND		0.027	0.19
alpha-Chlordane	ND		0.054	0.19
beta-BHC	ND		0.032	0.19
4,4'-DDD	ND		0.037	0.19
4,4'-DDE	ND		0.037	0.19
4,4'-DDT	ND		0.062	0.19
delta-BHC	ND		0.033	0.19
Dieldrin	ND		0.029	0.19
Endosulfan I	ND		0.050	0.19
Endosulfan II	ND		0.046	0.19
Endosulfan sulfate	ND		0.042	0.19
Endrin	ND		0.042	0.19
Endrin aldehyde	ND		0.042	0.19
Endrin ketone	ND		0.030	0.19
gamma-BHC (Lindane)	ND		0.025	0.19
gamma-Chlordane	ND		0.046	0.19
Heptachlor	ND		0.031	0.19
Heptachlor epoxide	ND		0.027	0.19
Methoxychlor	ND	*	0.12	0.38
Toxaphene	ND		1.2	7.7

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	53		30 - 121
Tetrachloro-m-xylene	75		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0735			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		30 - 121
Tetrachloro-m-xylene	83		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-107701	Initial Weight/Volume:	30.44 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/21/2013 0252			Injection Volume:	1 uL
Prep Date:	10/30/2013 0938			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		74	100
alpha-BHC		ND		45	100
alpha-Chlordane		ND		58	100
beta-BHC		ND		68	100
4,4'-DDD		ND		38	100
4,4'-DDE		ND		24	100
4,4'-DDT		ND		39	100
delta-BHC		ND		74	100
Dieldrin		ND		29	100
Endosulfan I		ND		32	100
Endosulfan II		ND		50	100
Endosulfan sulfate		ND		54	100
Endrin		ND		31	100
Endrin aldehyde		ND		61	100
Endrin ketone		ND		39	100
gamma-BHC (Lindane)		ND		46	100
gamma-Chlordane		ND		26	100
Heptachlor		ND		68	100
Heptachlor epoxide		ND		49	100
Methoxychlor		ND		92	200
Toxaphene		ND		1200	4100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	0	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-107701	Initial Weight/Volume:	30.44 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/21/2013 0252			Injection Volume:	1 uL
Prep Date:	10/30/2013 0938			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	41 - 157
Tetrachloro-m-xylene	0	X	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0835			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.033	0.20
alpha-BHC	ND		0.028	0.20
alpha-Chlordane	ND		0.056	0.20
beta-BHC	ND		0.034	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.039	0.20
4,4'-DDT	ND		0.064	0.20
delta-BHC	ND		0.035	0.20
Dieldrin	ND		0.030	0.20
Endosulfan I	ND		0.052	0.20
Endosulfan II	ND		0.048	0.20
Endosulfan sulfate	ND		0.044	0.20
Endrin	ND		0.044	0.20
Endrin aldehyde	ND		0.044	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.026	0.20
gamma-Chlordane	ND		0.048	0.20
Heptachlor	ND		0.032	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.40
Toxaphene	ND		1.3	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		30 - 121
Tetrachloro-m-xylene	79		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0835			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		30 - 121
Tetrachloro-m-xylene	84		40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1616			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.13	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.096	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	ND		0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		10 - 130
Tetrachloro-m-xylene	83		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1616			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		10 - 130
Tetrachloro-m-xylene	81		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1630			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.49
Aroclor-1221	ND		0.13	0.49
Aroclor-1232	ND		0.16	0.49
Aroclor-1242	ND		0.22	0.49
Aroclor-1248	ND		0.098	0.49
Aroclor-1254	ND		0.16	0.49
Aroclor-1260	ND		0.17	0.49
Aroclor-1262	ND		0.15	0.49
Aroclor-1268	ND		0.24	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	23		10 - 130
Tetrachloro-m-xylene	63		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1630			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	28		10 - 130
Tetrachloro-m-xylene	60		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1644			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	16		10 - 130
Tetrachloro-m-xylene	73		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1644			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	19		10 - 130
Tetrachloro-m-xylene	71		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1658			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.16	0.48
Aroclor-1221	ND		0.13	0.48
Aroclor-1232	ND		0.15	0.48
Aroclor-1242	ND		0.21	0.48
Aroclor-1248	ND		0.096	0.48
Aroclor-1254	ND		0.15	0.48
Aroclor-1260	ND		0.16	0.48
Aroclor-1262	ND		0.14	0.48
Aroclor-1268	ND		0.23	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	16		10 - 130
Tetrachloro-m-xylene	82		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-107849	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1658			Injection Volume:	1 uL
Prep Date:	10/31/2013 0841			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	22		10 - 130
Tetrachloro-m-xylene	73		23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-108267	Instrument ID:	A2HP10
Prep Method:	3540C	Prep Batch:	240-107697	Initial Weight/Volume:	30.44 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/04/2013 1237			Injection Volume:	1 uL
Prep Date:	10/30/2013 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		1300	2000
Aroclor-1221		ND		980	2000
Aroclor-1232		ND		860	2000
Aroclor-1242		ND		800	2000
Aroclor-1248		ND		1000	2000
Aroclor-1254		ND		1000	2000
Aroclor-1260		ND		1000	2000
Aroclor-1262		ND		1700	2000
Aroclor-1268		ND		860	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	14 - 163
Tetrachloro-m-xylene	0	X	29 - 151

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ02G20131024**

Lab Sample ID: 240-30764-1 Date Sampled: 10/24/2013 1706
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0909			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	180	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1652			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW32G20131025**

Lab Sample ID: 240-30764-3 Date Sampled: 10/25/2013 1641
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0913			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	620	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1654			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ01G20131026**

Lab Sample ID: 240-30764-4 Date Sampled: 10/26/2013 0906
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108547	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0917			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	9.9	J	3.2	15
Barium	300	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	23		2.2	10
Lead	11		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108226	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1655			Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW33G20131026**

Lab Sample ID: 240-30764-5 Date Sampled: 10/26/2013 1202
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0911			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	9.0	J	3.2	15
Barium	180	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	9.4	J	2.2	10
Lead	2.7	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1259			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ01G20131027**

Lab Sample ID: 240-30764-6 Date Sampled: 10/27/2013 0915
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0944			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	6.8	J	3.2	15
Barium	180	J	0.67	200
Cadmium	0.70	J	0.66	5.0
Chromium	20		2.2	10
Lead	6.9	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1310			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31G20131027**

Lab Sample ID: 240-30764-7 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0948			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	5.6	J	3.2	15
Barium	160	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	5.0	J	2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1311			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW31H20131027**

Lab Sample ID: 240-30764-8 Date Sampled: 10/27/2013 1141
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0952			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	3.6	J	3.2	15
Barium	170	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	5.8	J	2.2	10
Lead	2.2	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1312			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARDCDPZ04G20131027**

Lab Sample ID: 240-30764-9 Date Sampled: 10/27/2013 1540
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0956			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	34		3.2	15
Barium	1100		0.67	200
Cadmium	ND		0.66	5.0
Chromium	19		2.2	10
Lead	7.7	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1314			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARSSIPZ03G20131028**

Lab Sample ID: 240-30764-10 Date Sampled: 10/28/2013 1541
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1000			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	55		3.2	15
Barium	1300		0.67	200
Cadmium	1.1	J	0.66	5.0
Chromium	140		2.2	10
Lead	82		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1316			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.33		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615
Client Matrix: Solid % Moisture: 19.9 Date Received: 10/29/2013 0910

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	240-109151	Instrument ID:	I9
Prep Method:	3050B	Prep Batch:	240-108833	Lab File ID:	I9110813A.asc
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	11/08/2013 1212			Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1134				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		5.2		0.32	1.6
Barium		110	B	0.076	22
Cadmium		0.045	J	0.039	0.54
Chromium		20		0.22	1.1
Lead		8.8		0.20	1.1
Selenium		ND		0.48	2.2
Silver		ND		0.11	1.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	240-109191	Instrument ID:	H4
Prep Method:	7471B	Prep Batch:	240-108834	Lab File ID:	110813A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	11/08/2013 1511			Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1510				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.028	J	0.021	0.14

Client: EnSafe, Inc. Job Number: 240-30764-1

Client Sample ID: **CARMW35DG20131028**

Lab Sample ID: 240-30764-12 Date Sampled: 10/28/2013 1705
Client Matrix: Water Date Received: 10/29/2013 0910

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1004			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	6.4	J	3.2	15
Barium	100	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1317			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

General Chemistry

Client Sample ID: **CARMW29S11**

Lab Sample ID: 240-30764-11 Date Sampled: 10/28/2013 1615

Client Matrix: Solid Date Received: 10/29/2013 0910

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-107543	Analysis Date: 10/29/2013 1757						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-107543	Analysis Date: 10/29/2013 1757						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	*	ISTD response or retention time outside acceptable limits
	*	LCS or LCSD exceeds the control limits
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-107042					
MB 240-107042/2-A	Method Blank	T	Solid	5035	
Prep Batch: 240-107644					
240-30764-11	CARMW29S11	T	Solid	5035	
Analysis Batch:240-107648					
LCS 240-107648/5	Lab Control Sample	T	Solid	8260C	
MB 240-107042/2-A	Method Blank	T	Solid	8260C	240-107042
240-30764-11	CARMW29S11	T	Solid	8260C	240-107644
Analysis Batch:240-108601					
LCS 240-108601/4	Lab Control Sample	T	Water	8260C	
MB 240-108601/6	Method Blank	T	Water	8260C	
240-30764-1	CARSSIPZ02G20131024	T	Water	8260C	
240-30764-2	CARTRIP20131025	T	Water	8260C	
240-30764-3	CARMW32G20131025	T	Water	8260C	
240-30764-4	CARSSIPZ01G20131026	T	Water	8260C	
240-30764-6	CARDCDPZ01G20131027	T	Water	8260C	
240-30764-7	CARMW31G20131027	T	Water	8260C	
240-30764-8	CARMW31H20131027	T	Water	8260C	
240-30764-10	CARSSIPZ03G20131028	T	Water	8260C	
240-30764-12	CARMW35DG20131028	T	Water	8260C	
Analysis Batch:240-108758					
LCS 240-108758/4	Lab Control Sample	T	Water	8260C	
MB 240-108758/6	Method Blank	T	Water	8260C	
240-30764-5	CARMW33G20131026	T	Water	8260C	
240-30764-5MS	Matrix Spike	T	Water	8260C	
240-30764-5MSD	Matrix Spike Duplicate	T	Water	8260C	
240-30764-9	CARDCDPZ04G20131027	T	Water	8260C	

Report Basis

T = Total

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-107842					
LCS 240-107842/24-A	Lab Control Sample	T	Water	3520C	
MB 240-107842/23-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
240-30764-3	CARMW32G20131025	T	Water	3520C	
Prep Batch: 240-108039					
LCS 240-108039/20-A	Lab Control Sample	T	Water	3520C	
MB 240-108039/19-A	Method Blank	T	Water	3520C	
240-30764-4	CARSSIPZ01G20131026	T	Water	3520C	
240-30764-5	CARMW33G20131026	T	Water	3520C	
Analysis Batch:240-108259					
LCS 240-107842/24-A	Lab Control Sample	T	Water	8270D	240-107842
MB 240-107842/23-A	Method Blank	T	Water	8270D	240-107842
240-30764-1	CARSSIPZ02G20131024	T	Water	8270D	240-107842
240-30764-3	CARMW32G20131025	T	Water	8270D	240-107842
Analysis Batch:240-108980					
LCS 240-108039/20-A	Lab Control Sample	T	Water	8270D	240-108039
MB 240-108039/19-A	Method Blank	T	Water	8270D	240-108039
240-30764-4	CARSSIPZ01G20131026	T	Water	8270D	240-108039
240-30764-5	CARMW33G20131026	T	Water	8270D	240-108039

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-107680					
LCS 240-107680/17-A	Lab Control Sample	T	Water	3520C	
MB 240-107680/16-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
Prep Batch: 240-107685					
MB 240-107685/11-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
Prep Batch: 240-107697					
LCS 240-107697/20-A	Lab Control Sample	T	Solid	3540C	
MB 240-107697/19-A	Method Blank	T	Solid	3540C	
240-30764-11	CARMW29S11	T	Solid	3540C	
Prep Batch: 240-107701					
LCS 240-107701/13-A	Lab Control Sample	T	Solid	3540C	
MB 240-107701/12-A	Method Blank	T	Solid	3540C	
240-30764-11	CARMW29S11	T	Solid	3540C	
Prep Batch: 240-107847					
LCS 240-107847/7-A	Lab Control Sample	T	Water	3520C	
MB 240-107847/6-A	Method Blank	T	Water	3520C	
240-30764-6	CARDCDPZ01G20131027	T	Water	3520C	
240-30764-7	CARMW31G20131027	T	Water	3520C	
240-30764-9	CARDCDPZ04G20131027	T	Water	3520C	
Prep Batch: 240-107849					
LCS 240-107849/15-A	Lab Control Sample	T	Water	3520C	
MB 240-107849/14-A	Method Blank	T	Water	3520C	
240-30764-1	CARSSIPZ02G20131024	T	Water	3520C	
240-30764-3	CARMW32G20131025	T	Water	3520C	
240-30764-4	CARSSIPZ01G20131026	T	Water	3520C	
240-30764-5	CARMW33G20131026	T	Water	3520C	
Prep Batch: 240-107853					
LCS 240-107853/11-A	Lab Control Sample	T	Water	3520C	
MB 240-107853/10-A	Method Blank	T	Water	3520C	
240-30764-3	CARMW32G20131025	T	Water	3520C	
240-30764-4	CARSSIPZ01G20131026	T	Water	3520C	
240-30764-5	CARMW33G20131026	T	Water	3520C	
240-30764-6	CARDCDPZ01G20131027	T	Water	3520C	
240-30764-7	CARMW31G20131027	T	Water	3520C	
240-30764-9	CARDCDPZ04G20131027	T	Water	3520C	

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-108010					
LCS 240-107697/20-A	Lab Control Sample	T	Solid	8082A	240-107697
MB 240-107697/19-A	Method Blank	T	Solid	8082A	240-107697
Prep Batch: 240-108045					
LCS 240-108045/20-A	Lab Control Sample	T	Water	3520C	
MB 240-108045/19-A	Method Blank	T	Water	3520C	
240-30764-8	CARMW31H20131027	T	Water	3520C	
240-30764-10	CARSSIPZ03G20131028	T	Water	3520C	
240-30764-12	CARMW35DG20131028	T	Water	3520C	
Analysis Batch:240-108118					
PB 240-108118/4	Preparation / Extraction Blank	T	Water	8015C	
LCS 240-107680/17-A	Lab Control Sample	T	Water	8015C	240-107680
240-30764-1	CARSSIPZ02G20131024	T	Water	8015C	240-107680
Analysis Batch:240-108267					
240-30764-11	CARMW29S11	T	Solid	8082A	240-107697
Analysis Batch:240-108728					
MB 240-107680/16-A	Method Blank	T	Water	8015C	240-107680
Analysis Batch:240-108840					
LCS 240-107849/15-A	Lab Control Sample	T	Water	8082A	240-107849
MB 240-107849/14-A	Method Blank	T	Water	8082A	240-107849
Analysis Batch:240-108872					
PB 240-108872/3	Preparation / Extraction Blank	T	Water	8081B	
MB 240-107685/11-A	Method Blank	T	Water	8081B	240-107685
LCS 240-107701/13-A	Lab Control Sample	T	Solid	8081B	240-107701
MB 240-107701/12-A	Method Blank	T	Solid	8081B	240-107701
240-30764-1	CARSSIPZ02G20131024	T	Water	8081B	240-107685
Analysis Batch:240-109145					
PB 240-109145/3	Preparation / Extraction Blank	T	Water	8081B	
LCS 240-108045/20-A	Lab Control Sample	T	Water	8081B	240-108045
MB 240-108045/19-A	Method Blank	T	Water	8081B	240-108045
240-30764-8	CARMW31H20131027	T	Water	8081B	240-108045
240-30764-10	CARSSIPZ03G20131028	T	Water	8081B	240-108045
240-30764-12	CARMW35DG20131028	T	Water	8081B	240-108045

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-109284					
PB 240-109284/1	Preparation / Extraction Blank	T	Water	8082A	
240-30764-1	CARSSIPZ02G20131024	T	Water	8082A	240-107849
240-30764-3	CARMW32G20131025	T	Water	8082A	240-107849
240-30764-4	CARSSIPZ01G20131026	T	Water	8082A	240-107849
240-30764-5	CARMW33G20131026	T	Water	8082A	240-107849
Analysis Batch:240-109436					
PB 240-109436/3	Preparation / Extraction Blank	T	Water	8015C	
LCS 240-107847/7-A	Lab Control Sample	T	Water	8015C	240-107847
MB 240-107847/6-A	Method Blank	T	Water	8015C	240-107847
240-30764-7	CARMW31G20131027	T	Water	8015C	240-107847
Analysis Batch:240-109887					
240-30764-6	CARDCDPZ01G20131027	T	Water	8015C	240-107847
240-30764-9	CARDCDPZ04G20131027	T	Water	8015C	240-107847
Analysis Batch:240-109928					
LCS 240-107853/11-A	Lab Control Sample	T	Water	8081B	240-107853
MB 240-107853/10-A	Method Blank	T	Water	8081B	240-107853
240-30764-3	CARMW32G20131025	T	Water	8081B	240-107853
240-30764-4	CARSSIPZ01G20131026	T	Water	8081B	240-107853
240-30764-5	CARMW33G20131026	T	Water	8081B	240-107853
240-30764-6	CARDCDPZ01G20131027	T	Water	8081B	240-107853
240-30764-7	CARMW31G20131027	T	Water	8081B	240-107853
Analysis Batch:240-110159					
PB 240-110159/3	Preparation / Extraction Blank	T	Water	8081B	
240-30764-9	CARDCDPZ04G20131027	T	Water	8081B	240-107853
Analysis Batch:240-110788					
PB 240-110788/6	Preparation / Extraction Blank	T	Solid	8081B	
MB 240-107701/12-A	Method Blank	T	Solid	8081B	240-107701
240-30764-11	CARMW29S11	T	Solid	8081B	240-107701

Report Basis

T = Total

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-107845					
LCS 240-107845/2-A	Lab Control Sample	R	Water	3005A	
MB 240-107845/1-A	Method Blank	R	Water	3005A	
240-30764-1	CARSSIPZ02G20131024	R	Water	3005A	
240-30764-3	CARMW32G20131025	R	Water	3005A	
240-30764-4	CARSSIPZ01G20131026	R	Water	3005A	
Prep Batch: 240-107851					
LCS 240-107851/2-A	Lab Control Sample	T	Water	7470A	
MB 240-107851/1-A	Method Blank	T	Water	7470A	
240-30764-1	CARSSIPZ02G20131024	T	Water	7470A	
240-30764-3	CARMW32G20131025	T	Water	7470A	
240-30764-4	CARSSIPZ01G20131026	T	Water	7470A	
Analysis Batch:240-108226					
LCS 240-107851/2-A	Lab Control Sample	T	Water	7470A	240-107851
MB 240-107851/1-A	Method Blank	T	Water	7470A	240-107851
240-30764-1	CARSSIPZ02G20131024	T	Water	7470A	240-107851
240-30764-3	CARMW32G20131025	T	Water	7470A	240-107851
240-30764-4	CARSSIPZ01G20131026	T	Water	7470A	240-107851
Analysis Batch:240-108547					
LCS 240-107845/2-A	Lab Control Sample	R	Water	6010C	240-107845
MB 240-107845/1-A	Method Blank	R	Water	6010C	240-107845
240-30764-1	CARSSIPZ02G20131024	R	Water	6010C	240-107845
240-30764-3	CARMW32G20131025	R	Water	6010C	240-107845
240-30764-4	CARSSIPZ01G20131026	R	Water	6010C	240-107845
Prep Batch: 240-108583					
LCS 240-108583/2-A	Lab Control Sample	R	Water	3005A	
MB 240-108583/1-A	Method Blank	R	Water	3005A	
240-30764-5	CARMW33G20131026	R	Water	3005A	
240-30764-5DU	Duplicate	R	Water	3005A	
240-30764-5MS	Matrix Spike	R	Water	3005A	
240-30764-6	CARDCDPZ01G20131027	R	Water	3005A	
240-30764-7	CARMW31G20131027	R	Water	3005A	
240-30764-8	CARMW31H20131027	R	Water	3005A	
240-30764-9	CARDCDPZ04G20131027	R	Water	3005A	
240-30764-10	CARSSIPZ03G20131028	R	Water	3005A	
240-30764-12	CARMW35DG20131028	R	Water	3005A	

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-108588					
LCS 240-108588/2-A	Lab Control Sample	T	Water	7470A	
MB 240-108588/1-A	Method Blank	T	Water	7470A	
240-30764-5	CARMW33G20131026	T	Water	7470A	
240-30764-5DU	Duplicate	T	Water	7470A	
240-30764-5MS	Matrix Spike	T	Water	7470A	
240-30764-6	CARDCDPZ01G20131027	T	Water	7470A	
240-30764-7	CARMW31G20131027	T	Water	7470A	
240-30764-8	CARMW31H20131027	T	Water	7470A	
240-30764-9	CARDCDPZ04G20131027	T	Water	7470A	
240-30764-10	CARSSIPZ03G20131028	T	Water	7470A	
240-30764-12	CARMW35DG20131028	T	Water	7470A	
Prep Batch: 240-108833					
LCS 240-108833/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-108833/1-A	Method Blank	T	Solid	3050B	
240-30764-11	CARMW29S11	T	Solid	3050B	
Prep Batch: 240-108834					
LCS 240-108834/2-A	Lab Control Sample	T	Solid	7471B	
MB 240-108834/1-A	Method Blank	T	Solid	7471B	
240-30764-11	CARMW29S11	T	Solid	7471B	
Analysis Batch:240-108862					
LCS 240-108588/2-A	Lab Control Sample	T	Water	7470A	240-108588
MB 240-108588/1-A	Method Blank	T	Water	7470A	240-108588
240-30764-5	CARMW33G20131026	T	Water	7470A	240-108588
240-30764-5DU	Duplicate	T	Water	7470A	240-108588
240-30764-5MS	Matrix Spike	T	Water	7470A	240-108588
240-30764-6	CARDCDPZ01G20131027	T	Water	7470A	240-108588
240-30764-7	CARMW31G20131027	T	Water	7470A	240-108588
240-30764-8	CARMW31H20131027	T	Water	7470A	240-108588
240-30764-9	CARDCDPZ04G20131027	T	Water	7470A	240-108588
240-30764-10	CARSSIPZ03G20131028	T	Water	7470A	240-108588
240-30764-12	CARMW35DG20131028	T	Water	7470A	240-108588

Client: EnSafe, Inc. Job Number: 240-30764-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-108923					
LCS 240-108583/2-A	Lab Control Sample	R	Water	6010C	240-108583
MB 240-108583/1-A	Method Blank	R	Water	6010C	240-108583
240-30764-5	CARMW33G20131026	R	Water	6010C	240-108583
240-30764-5DU	Duplicate	R	Water	6010C	240-108583
240-30764-5MS	Matrix Spike	R	Water	6010C	240-108583
240-30764-6	CARDCDPZ01G20131027	R	Water	6010C	240-108583
240-30764-7	CARMW31G20131027	R	Water	6010C	240-108583
240-30764-8	CARMW31H20131027	R	Water	6010C	240-108583
240-30764-9	CARDCDPZ04G20131027	R	Water	6010C	240-108583
240-30764-10	CARSSIPZ03G20131028	R	Water	6010C	240-108583
240-30764-12	CARMW35DG20131028	R	Water	6010C	240-108583
Analysis Batch:240-109151					
LCS 240-108833/2-A	Lab Control Sample	T	Solid	6010C	240-108833
MB 240-108833/1-A	Method Blank	T	Solid	6010C	240-108833
240-30764-11	CARMW29S11	T	Solid	6010C	240-108833
Analysis Batch:240-109191					
LCS 240-108834/2-A	Lab Control Sample	T	Solid	7471B	240-108834
MB 240-108834/1-A	Method Blank	T	Solid	7471B	240-108834
240-30764-11	CARMW29S11	T	Solid	7471B	240-108834

Report Basis
R = Total Recoverable
T = Total

General Chemistry

Analysis Batch:240-107543					
240-30764-11	CARMW29S11	T	Solid	Moisture	
240-30764-11DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30764-11	CARMW29S11	149X	92	94	115
MB 240-107042/2-A		87	91	90	88
LCS 240-107648/5		99	95	95	97

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	52-136
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
MRL 240-108601/5		91	102	98	96
MRL 240-108758/5		93	101	99	96

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30764-1	CARSSIPZ02G20131024	92	104	100	95
240-30764-2	CARTRIP20131025	96	109	106	102
240-30764-3	CARMW32G20131025	86	100	94	93
240-30764-4	CARSSIPZ01G20131026	89	99	94	97
240-30764-5	CARMW33G20131026	89	99	95	94
240-30764-6	CARDCDPZ01G20131027	90	103	99	98
240-30764-7	CARMW31G20131027	88	100	96	92
240-30764-8	CARMW31H20131027	89	100	97	95
240-30764-9	CARDCDPZ04G20131027	91	99	95	93
240-30764-10	CARSSIPZ03G20131028	95	101	96	96
240-30764-12	CARMW35DG20131028	90	97	95	92
MB 240-108601/6		85	95	90	91
MB 240-108758/6		86	93	90	93
LCS 240-108601/4		96	102	100	98
LCS 240-108758/4		95	100	96	97
240-30764-5 MS	CARMW33G20131026 MS	88	90	81	96
240-30764-5 MSD	CARMW33G20131026 MSD	92	91	82	100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-30764-1	CARSSIPZ02G20131024	75	64	64	62	64	80
240-30764-3	CARMW32G20131025	82	74	67	68	73	95
240-30764-4	CARSSIPZ01G20131026	59	71	70	70	71	94
240-30764-5	CARMW33G20131026	72	65	67	59	62	82
MB 240-107842/23-A		87	74	69	76	72	77
MB 240-108039/19-A		92	80	72	79	78	85
LCS 240-107842/24-A		94	83	84	84	80	93
LCS 240-108039/20-A		88	66	80	71	78	95

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	24-110
PHL = Phenol-d5 (Surr)	21-110
NBZ = Nitrobenzene-d5 (Surr)	21-110
2FP = 2-Fluorophenol (Surr)	10-110
FBP = 2-Fluorobiphenyl (Surr)	20-110
TBP = 2,4,6-Tribromophenol (Surr)	21-110

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-30764-1	CARSSIPZ02G20131024	90
240-30764-6	CARDCDPZ01G20131027	82
240-30764-7	CARMW31G20131027	88
240-30764-9	CARDCDPZ04G20131027	272X
MB 240-107680/16-A		101
MB 240-107847/6-A		83
LCS 240-107680/17-A		87
LCS 240-107847/7-A		89

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30764-11	CARMW29S11	0X	0X	0X	0X
MB 240-107701/12-A		81	85	101	95
MB 240-107701/12-A		78	89	85	91
LCS 240-107701/13-A		76	76	90	74

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	41-157
TCX = Tetrachloro-m-xylene	40-149

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30764-1	CARSSIPZ02G20131024	64	67	76	77
240-30764-3	CARMW32G20131025	33	30	58	63
240-30764-4	CARSSIPZ01G20131026	18X	18X	69	63
240-30764-5	CARMW33G20131026	20X	19X	80	108
240-30764-6	CARDCDPZ01G20131027	26X	27X	62	70
240-30764-7	CARMW31G20131027	26X	30	70	78
240-30764-8	CARMW31H20131027	69	66	69	77
240-30764-9	CARDCDPZ04G20131027	0X	0X	0X	0X
240-30764-10	CARSSIPZ03G20131028	59	53	83	75
240-30764-12	CARMW35DG20131028	76	72	84	79
MB 240-107685/11-A		88	90	93	89
MB 240-107853/10-A		77	84	93	85
MB 240-108045/19-A		84	79	87	87
LCS 240-107853/11-A		40	37	89	87
LCS 240-108045/20-A		85	78	89	86

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-121
TCX = Tetrachloro-m-xylene	40-120

Client: EnSafe, Inc.

Job Number: 240-30764-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB2 %Rec	TCX2 %Rec
240-30764-11	CARMW29S11	0X	0X
MB 240-107697/19-A		76	103
LCS 240-107697/20-A		82	91

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-163
TCX = Tetrachloro-m-xylene	29-151

Client: EnSafe, Inc. Job Number: 240-30764-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30764-1	CARSSIPZ02G20131024	55	67	83	81
240-30764-3	CARMW32G20131025	23	28	63	60
240-30764-4	CARSSIPZ01G20131026	16	19	73	71
240-30764-5	CARMW33G20131026	16	22	82	73
MB 240-107849/14-A		72	84	90	87
LCS 240-107849/15-A		69	81	81	78

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107042 **Method: 8260C**
Preparation: 5035

Lab Sample ID:	MB 240-107042/2-A	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-107042	Lab File ID:	UX88400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/30/2013 1007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		6.3	20
Benzene	ND		0.23	5.0
Bromoform	ND		0.33	5.0
Bromomethane	ND		0.54	5.0
2-Butanone (MEK)	ND		1.4	20
Carbon disulfide	ND		0.44	5.0
Carbon tetrachloride	ND		0.37	5.0
Chlorobenzene	ND		0.33	5.0
Chlorodibromomethane	ND		0.55	5.0
Chloroethane	ND		0.86	5.0
Chloroform	ND		0.29	5.0
Chloromethane	ND		0.41	5.0
cis-1,2-Dichloroethene	ND		0.36	5.0
cis-1,3-Dichloropropene	ND		0.34	5.0
1,2-Dibromo-3-Chloropropane	ND		1.3	10
1,2-Dichlorobenzene	ND		0.36	5.0
1,3-Dichlorobenzene	ND		0.35	5.0
1,4-Dichlorobenzene	ND		0.66	5.0
Dichlorobromomethane	ND		0.28	5.0
Dichlorodifluoromethane	ND		0.50	5.0
1,1-Dichloroethane	ND		0.36	5.0
1,2-Dichloroethane	ND		0.34	5.0
1,1-Dichloroethene	ND		0.52	5.0
1,2-Dichloropropane	ND		0.69	5.0
Ethylbenzene	ND		0.26	5.0
Ethylene Dibromide	ND		0.50	5.0
2-Hexanone	ND		0.63	20
Isopropylbenzene	ND		0.16	5.0
Methylene Chloride	ND		0.67	5.0
4-Methyl-2-pentanone (MIBK)	ND		0.54	20
Methyl tert-butyl ether	ND		0.43	5.0
m-Xylene & p-Xylene	ND		1.2	10
o-Xylene	ND		0.35	5.0
Styrene	ND		0.15	5.0
1,1,2,2-Tetrachloroethane	ND		0.34	5.0
Tetrachloroethene	ND		0.52	5.0
Toluene	ND		0.27	5.0
trans-1,2-Dichloroethene	ND		0.41	5.0
trans-1,3-Dichloropropene	ND		0.54	5.0
1,2,4-Trichlorobenzene	ND		0.27	5.0
1,1,1-Trichloroethane	ND		0.56	5.0
1,1,2-Trichloroethane	ND		0.39	5.0
Trichloroethene	ND		0.42	5.0
Trichlorofluoromethane	ND		0.34	5.0
Vinyl chloride	ND		0.39	5.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107042

Method: 8260C
Preparation: 5035

Lab Sample ID:	MB 240-107042/2-A	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-107042	Lab File ID:	UX88400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	10/30/2013 1007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	10/24/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.35	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	52 - 136
Dibromofluoromethane (Surr)	91	37 - 132
1,2-Dichloroethane-d4 (Surr)	90	58 - 123
Toluene-d8 (Surr)	88	67 - 125

Method Blank TICs- Batch: 240-107042

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107648

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107648/5	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88383.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/30/2013 0401	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	108	108	41 - 137	
Benzene	50.0	48.5	97	79 - 112	
Bromoform	50.0	54.6	109	62 - 133	
Bromomethane	50.0	48.1	96	42 - 136	
2-Butanone (MEK)	100	106	106	52 - 131	
Carbon disulfide	50.0	45.7	91	62 - 146	
Carbon tetrachloride	50.0	48.0	96	71 - 129	
Chlorobenzene	50.0	47.6	95	78 - 110	
Chlorodibromomethane	50.0	52.9	106	72 - 127	
Chloroethane	50.0	46.1	92	58 - 117	
Chloroform	50.0	48.6	97	77 - 114	
Chloromethane	50.0	46.9	94	50 - 110	
cis-1,2-Dichloroethene	50.0	49.7	99	76 - 113	
cis-1,3-Dichloropropene	50.0	56.6	113	74 - 128	
1,2-Dibromo-3-Chloropropane	50.0	44.8	90	61 - 132	
1,2-Dichlorobenzene	50.0	47.9	96	76 - 110	
1,3-Dichlorobenzene	50.0	47.7	95	78 - 111	
1,4-Dichlorobenzene	50.0	46.5	93	75 - 110	
Dichlorobromomethane	50.0	52.6	105	84 - 122	
Dichlorodifluoromethane	50.0	47.2	94	26 - 113	
1,1-Dichloroethane	50.0	47.1	94	76 - 115	
1,2-Dichloroethane	50.0	47.7	95	72 - 120	
1,1-Dichloroethene	50.0	43.7	87	75 - 135	
1,2-Dichloropropane	50.0	50.3	101	87 - 113	
Ethylbenzene	50.0	47.5	95	79 - 117	
Ethylene Dibromide	50.0	51.6	103	83 - 117	
2-Hexanone	100	112	112	64 - 136	
Isopropylbenzene	50.0	48.3	97	76 - 122	
Methylene Chloride	50.0	51.5	103	75 - 118	
4-Methyl-2-pentanone (MIBK)	100	117	117	67 - 135	
Methyl tert-butyl ether	50.0	53.0	106	49 - 165	
m-Xylene & p-Xylene	50.0	48.6	97	80 - 117	
o-Xylene	50.0	51.0	102	80 - 120	
Styrene	50.0	51.3	103	87 - 117	
1,1,2,2-Tetrachloroethane	50.0	51.1	102	77 - 123	
Tetrachloroethene	50.0	46.8	94	79 - 114	
Toluene	50.0	48.1	96	75 - 111	
trans-1,2-Dichloroethene	50.0	48.2	96	78 - 117	
trans-1,3-Dichloropropene	50.0	59.0	118	73 - 131	
1,2,4-Trichlorobenzene	50.0	49.5	99	64 - 124	
1,1,1-Trichloroethane	50.0	46.3	93	77 - 126	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107648

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-107648/5	Analysis Batch:	240-107648	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX88383.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/30/2013 0401	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	50.0	49.8	100	83 - 112	
Trichloroethene	50.0	48.0	96	79 - 113	
Trichlorofluoromethane	50.0	46.2	92	57 - 146	
Vinyl chloride	50.0	46.9	94	57 - 114	
Xylenes, Total	50.0	51.0	102	80 - 118	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	99	52 - 136
Dibromofluoromethane (Surr)	95	37 - 132
1,2-Dichloroethane-d4 (Surr)	95	58 - 123
Toluene-d8 (Surr)	97	67 - 125

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.53	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	85	66 - 117
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	90	63 - 129
Toluene-d8 (Surr)	91	74 - 115

Method Blank TICs- Batch: 240-108601

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	75.6	151	43 - 136	*
Benzene	25.0	27.1	108	83 - 112	
Bromoform	25.0	27.8	111	40 - 131	
Bromomethane	25.0	23.2	93	11 - 185	
2-Butanone (MEK)	50.0	69.0	138	60 - 126	*
Carbon disulfide	25.0	29.2	117	62 - 142	
Carbon tetrachloride	25.0	28.0	112	66 - 128	
Chlorobenzene	25.0	27.0	108	85 - 110	
Chlorodibromomethane	25.0	31.0	124	64 - 119	*
Chloroethane	25.0	23.4	93	25 - 153	
Chloroform	25.0	28.8	115	79 - 117	
Chloromethane	25.0	22.2	89	44 - 126	
cis-1,2-Dichloroethene	25.0	28.1	112	80 - 113	
cis-1,3-Dichloropropene	25.0	30.7	123	61 - 115	*
1,2-Dibromo-3-Chloropropane	25.0	30.5	122	42 - 136	
1,2-Dichlorobenzene	25.0	26.2	105	81 - 110	
1,3-Dichlorobenzene	25.0	26.0	104	80 - 110	
1,4-Dichlorobenzene	25.0	25.6	103	82 - 110	
Dichlorobromomethane	25.0	30.5	122	72 - 121	*
Dichlorodifluoromethane	25.0	21.9	88	19 - 129	
1,1-Dichloroethane	25.0	28.3	113	82 - 115	
1,2-Dichloroethane	25.0	29.7	119	71 - 127	
1,1-Dichloroethene	25.0	28.1	113	78 - 131	
1,2-Dichloropropane	25.0	27.6	110	81 - 115	
Ethylbenzene	25.0	27.4	110	83 - 112	
Ethylene Dibromide	25.0	30.1	120	79 - 113	*
2-Hexanone	50.0	63.5	127	55 - 133	
Isopropylbenzene	25.0	28.6	114	75 - 114	
Methylene Chloride	25.0	24.0	96	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	66.3	133	63 - 128	*
Methyl tert-butyl ether	25.0	30.2	121	52 - 144	
m-Xylene & p-Xylene	25.0	27.6	110	83 - 113	
o-Xylene	25.0	27.6	111	83 - 113	
Styrene	25.0	28.2	113	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	28.2	113	68 - 118	
Tetrachloroethene	25.0	27.8	111	79 - 114	
Toluene	25.0	24.6	98	84 - 111	
trans-1,2-Dichloroethene	25.0	28.6	114	83 - 117	
trans-1,3-Dichloropropene	25.0	32.7	131	58 - 117	*
1,2,4-Trichlorobenzene	25.0	26.8	107	48 - 135	
1,1,1-Trichloroethane	25.0	29.5	118	74 - 118	

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	27.6	110	80 - 112	
Trichloroethene	25.0	28.6	115	76 - 117	
Trichlorofluoromethane	25.0	25.0	100	49 - 157	
Vinyl chloride	25.0	24.6	98	53 - 127	
Xylenes, Total	50.0	55.2	110	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	96	66 - 117
Dibromofluoromethane (Surr)	102	75 - 121
1,2-Dichloroethane-d4 (Surr)	100	63 - 129
Toluene-d8 (Surr)	98	74 - 115

Method Reporting Limit Check - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108601/5	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1467.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1115	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1115				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromoform	0.00100	ND	131	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	120	10 - 150	
2-Hexanone	0.0100	ND	90	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	83	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	91	10 - 150
Dibromofluoromethane (Surr)	102	10 - 150
1,2-Dichloroethane-d4 (Surr)	98	10 - 150
Toluene-d8 (Surr)	96	10 - 150

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108758/6	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1523.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1006	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1006				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.03	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108758/6	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1523.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1006	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1006				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	86	66 - 117
Dibromofluoromethane (Surr)	93	75 - 121
1,2-Dichloroethane-d4 (Surr)	90	63 - 129
Toluene-d8 (Surr)	93	74 - 115

Method Blank TICs- Batch: 240-108758

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108758/4	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1521.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 0921	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 0921				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	67.0	134	43 - 136	
Benzene	25.0	27.1	108	83 - 112	
Bromoform	25.0	24.8	99	40 - 131	
Bromomethane	25.0	20.7	83	11 - 185	
2-Butanone (MEK)	50.0	64.6	129	60 - 126	*
Carbon disulfide	25.0	28.4	114	62 - 142	
Carbon tetrachloride	25.0	28.3	113	66 - 128	
Chlorobenzene	25.0	25.8	103	85 - 110	
Chlorodibromomethane	25.0	28.6	114	64 - 119	
Chloroethane	25.0	22.3	89	25 - 153	
Chloroform	25.0	28.1	112	79 - 117	
Chloromethane	25.0	21.5	86	44 - 126	
cis-1,2-Dichloroethene	25.0	27.2	109	80 - 113	
cis-1,3-Dichloropropene	25.0	29.4	118	61 - 115	*
1,2-Dibromo-3-Chloropropane	25.0	24.7	99	42 - 136	
1,2-Dichlorobenzene	25.0	24.0	96	81 - 110	
1,3-Dichlorobenzene	25.0	23.9	96	80 - 110	
1,4-Dichlorobenzene	25.0	23.9	96	82 - 110	
Dichlorobromomethane	25.0	28.7	115	72 - 121	
Dichlorodifluoromethane	25.0	22.8	91	19 - 129	
1,1-Dichloroethane	25.0	27.7	111	82 - 115	
1,2-Dichloroethane	25.0	28.7	115	71 - 127	
1,1-Dichloroethene	25.0	27.8	111	78 - 131	
1,2-Dichloropropane	25.0	27.7	111	81 - 115	
Ethylbenzene	25.0	26.5	106	83 - 112	
Ethylene Dibromide	25.0	27.5	110	79 - 113	
2-Hexanone	50.0	55.1	110	55 - 133	
Isopropylbenzene	25.0	27.5	110	75 - 114	
Methylene Chloride	25.0	22.9	92	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	58.6	117	63 - 128	
Methyl tert-butyl ether	25.0	28.8	115	52 - 144	
m-Xylene & p-Xylene	25.0	26.7	107	83 - 113	
o-Xylene	25.0	26.9	108	83 - 113	
Styrene	25.0	26.6	106	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	23.7	95	68 - 118	
Tetrachloroethene	25.0	28.4	113	79 - 114	
Toluene	25.0	24.1	97	84 - 111	
trans-1,2-Dichloroethene	25.0	28.1	112	83 - 117	
trans-1,3-Dichloropropene	25.0	30.5	122	58 - 117	*
1,2,4-Trichlorobenzene	25.0	26.2	105	48 - 135	
1,1,1-Trichloroethane	25.0	29.5	118	74 - 118	

Lab Control Sample - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108758/4	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1521.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 0921	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 0921				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	25.8	103	80 - 112	
Trichloroethene	25.0	28.5	114	76 - 117	
Trichlorofluoromethane	25.0	24.2	97	49 - 157	
Vinyl chloride	25.0	24.0	96	53 - 127	
Xylenes, Total	25.0	26.9	108	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	66 - 117
Dibromofluoromethane (Surr)	100	75 - 121
1,2-Dichloroethane-d4 (Surr)	96	63 - 129
Toluene-d8 (Surr)	97	74 - 115

Method Reporting Limit Check - Batch: 240-108758

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108758/5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1522.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 0944	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 0944				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromoform	0.00100	ND	136	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	110	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	101	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	93	10 - 150
Dibromofluoromethane (Surr)	101	10 - 150
1,2-Dichloroethane-d4 (Surr)	99	10 - 150
Toluene-d8 (Surr)	96	10 - 150

Client: EnSafe, Inc. Job Number: 240-30764-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-108758

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1537.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1529			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1529				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1538.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1551			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1551				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	65	71	33 - 145	7	30		
Benzene	95	98	72 - 121	3	30		
Bromoform	76	82	32 - 128	8	30		
Bromomethane	82	89	10 - 186	8	30		
2-Butanone (MEK)	78	83	54 - 129	6	30		
Carbon disulfide	99	104	57 - 147	4	30		
Carbon tetrachloride	93	96	59 - 129	4	30		
Chlorobenzene	96	102	80 - 110	6	30		
Chlorodibromomethane	94	102	56 - 118	8	30		
Chloroethane	91	94	21 - 165	4	30		
Chloroform	95	100	76 - 118	5	30		
Chloromethane	81	84	33 - 132	4	30		
cis-1,2-Dichloroethene	69	73	70 - 120	2	30	F	
cis-1,3-Dichloropropene	97	101	51 - 110	4	30		
1,2-Dibromo-3-Chloropropane	89	92	32 - 139	3	30		
1,2-Dichlorobenzene	95	99	75 - 111	4	30		
1,3-Dichlorobenzene	97	100	73 - 110	4	30		
1,4-Dichlorobenzene	95	99	75 - 110	5	30		
Dichlorobromomethane	93	97	67 - 120	4	30		
Dichlorodifluoromethane	83	84	17 - 128	0	30		
1,1-Dichloroethane	86	91	79 - 116	3	30		
1,2-Dichloroethane	91	94	68 - 129	4	30		
1,1-Dichloroethene	96	100	74 - 135	4	30		
1,2-Dichloropropane	95	99	78 - 115	5	30		
Ethylbenzene	100	106	75 - 116	6	30		
Ethylene Dibromide	92	99	74 - 113	7	30		
2-Hexanone	77	85	47 - 139	9	30		
Isopropylbenzene	103	109	68 - 116	6	30		
Methylene Chloride	75	79	63 - 128	4	30		
4-Methyl-2-pentanone (MIBK)	80	84	56 - 131	5	30		
Methyl tert-butyl ether	90	95	46 - 144	5	30		
m-Xylene & p-Xylene	101	107	75 - 117	6	30		

Client: EnSafe, Inc. Job Number: 240-30764-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-108758

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1537.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1529			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1529				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30764-5	Analysis Batch:	240-108758	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1538.D
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/07/2013 1551			Final Weight/Volume:	10 mL
Prep Date:	11/07/2013 1551				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
o-Xylene	101	106	76 - 116	5	30		
Styrene	98	105	71 - 117	7	30		
1,1,2,2-Tetrachloroethane	84	89	63 - 122	6	30		
Tetrachloroethene	104	110	70 - 117	6	30		
Toluene	92	97	78 - 114	6	30		
trans-1,2-Dichloroethene	98	103	80 - 119	5	30		
trans-1,3-Dichloropropene	105	112	46 - 116	7	30		
1,2,4-Trichlorobenzene	112	112	38 - 138	0	30		
1,1,1-Trichloroethane	100	104	68 - 121	3	30		
1,1,2-Trichloroethane	88	92	75 - 115	5	30		
Trichloroethene	93	96	66 - 120	2	30		
Trichlorofluoromethane	89	89	46 - 157	0	30		
Vinyl chloride	86	87	49 - 130	1	30		
Xylenes, Total	101	106	76 - 116	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	92	66 - 117
Dibromofluoromethane (Surr)	90	91	75 - 121
1,2-Dichloroethane-d4 (Surr)	81	82	63 - 129
Toluene-d8 (Surr)	96	100	74 - 115

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107842 **Method: 8270D**
Preparation: 3520C

Lab Sample ID:	MB 240-107842/23-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1053	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.577	J	0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	ND		0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-107842/23-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1053	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	87	24 - 110
Phenol-d5 (Surr)	74	21 - 110
Nitrobenzene-d5 (Surr)	69	21 - 110
2-Fluorophenol (Surr)	76	10 - 110
2-Fluorobiphenyl (Surr)	72	20 - 110
2,4,6-Tribromophenol (Surr)	77	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107842/24-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1119	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	16.0	80	45 - 110	
2,4,5-Trichlorophenol	20.0	16.4	82	48 - 110	
2,4-Dichlorophenol	20.0	16.6	83	41 - 110	
2,4-Dimethylphenol	20.0	14.9	74	32 - 110	
2,4-Dinitrophenol	40.0	26.8	67	10 - 110	
2,4-Dinitrotoluene	20.0	17.0	85	53 - 110	
2-Chlorophenol	20.0	16.2	81	29 - 110	
2-Methylnaphthalene	20.0	14.4	72	45 - 110	
2-Methylphenol	20.0	15.9	80	42 - 110	
2-Nitroaniline	20.0	17.8	89	54 - 110	
2-Nitrophenol	20.0	17.5	88	40 - 110	
3 & 4 Methylphenol	20.0	16.0	80	44 - 110	
3,3'-Dichlorobenzidine	40.0	32.3	81	22 - 110	
3-Nitroaniline	20.0	16.2	81	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	29.2	73	31 - 110	
4-Bromophenyl phenyl ether	20.0	17.2	86	45 - 110	
4-Chloro-3-methylphenol	20.0	16.7	83	52 - 110	
4-Chloroaniline	20.0	14.7	74	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.5	77	47 - 110	
4-Nitroaniline	20.0	16.8	84	54 - 110	
Acenaphthene	20.0	15.1	76	47 - 110	
Acenaphthylene	20.0	14.2	71	49 - 110	
Acetophenone	20.0	16.3	82	46 - 110	
Anthracene	20.0	15.8	79	52 - 110	
Benzo[a]anthracene	20.0	15.9	79	52 - 110	
Benzo[a]pyrene	20.0	15.9	79	44 - 110	
Benzo[b]fluoranthene	20.0	16.5	83	48 - 110	
Benzo[g,h,i]perylene	20.0	15.9	80	50 - 110	
Benzo[k]fluoranthene	20.0	16.9	85	49 - 110	
Bis(2-chloroethoxy)methane	20.0	16.5	83	43 - 110	
Bis(2-chloroethyl)ether	20.0	15.9	80	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	17.2	86	39 - 116	
Butyl benzyl phthalate	20.0	16.5	83	55 - 110	
Carbazole	20.0	16.8	84	55 - 110	
Chrysene	20.0	16.0	80	55 - 110	
Di-n-butyl phthalate	20.0	18.2	91	57 - 110	
Di-n-octyl phthalate	20.0	16.6	83	40 - 110	
Dibenz(a,h)anthracene	20.0	16.9	85	49 - 110	
Dibenzofuran	20.0	14.9	75	51 - 110	
Diethyl phthalate	20.0	16.8	84	58 - 110	
Dimethyl phthalate	20.0	17.1	86	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107842

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-107842/24-A	Analysis Batch:	240-108259	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-107842	Lab File ID:	31104004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/04/2013 1119	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	10/31/2013 0822			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	17.2	86	54 - 110	
Fluorene	20.0	14.9	74	52 - 110	
Hexachlorobenzene	20.0	17.1	85	50 - 110	
Hexachlorobutadiene	20.0	10.2	51	33 - 110	
Hexachlorocyclopentadiene	20.0	1.97	10	4 - 110	J
Hexachloroethane	20.0	10.5	52	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	16.7	83	50 - 110	
Isophorone	20.0	15.4	77	49 - 110	
N-Nitrosodi-n-propylamine	20.0	15.7	79	47 - 110	
N-Nitrosodiphenylamine	40.0	34.4	86	50 - 110	
Naphthalene	20.0	14.2	71	44 - 110	
Nitrobenzene	20.0	17.5	87	42 - 110	
Pentachlorophenol	40.0	24.4	61	18 - 110	
Phenanthrene	20.0	15.6	78	53 - 110	
Phenol	20.0	16.4	82	33 - 110	
Pyrene	20.0	16.1	81	52 - 110	
bis (2-chloroisopropyl) ether	20.0	15.6	78	37 - 110	
2,6-Dinitrotoluene	20.0	17.2	86	54 - 110	
4-Nitrophenol	40.0	34.7	87	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	94	24 - 110
Phenol-d5 (Surr)	83	21 - 110
Nitrobenzene-d5 (Surr)	84	21 - 110
2-Fluorophenol (Surr)	84	10 - 110
2-Fluorobiphenyl (Surr)	80	20 - 110
2,4,6-Tribromophenol (Surr)	93	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108039 **Method: 8270D**
Preparation: 3520C

Lab Sample ID:	MB 240-108039/19-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1026	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.24	5.0
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4-Dichlorophenol	ND		0.19	2.0
2,4-Dimethylphenol	ND		0.25	2.0
2,4-Dinitrophenol	ND		0.32	5.0
2,4-Dinitrotoluene	ND		0.25	5.0
2-Chlorophenol	ND		0.29	1.0
2-Methylnaphthalene	ND		0.090	0.20
2-Methylphenol	ND		0.17	1.0
2-Nitroaniline	ND		0.21	2.0
2-Nitrophenol	ND		0.28	2.0
3 & 4 Methylphenol	ND		0.80	2.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
3-Nitroaniline	ND		0.28	2.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
4-Bromophenyl phenyl ether	ND		0.22	2.0
4-Chloro-3-methylphenol	ND		0.21	2.0
4-Chloroaniline	ND		0.21	2.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
4-Nitroaniline	ND		0.22	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.048	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.088	0.20
Benzo[a]anthracene	ND		0.030	0.20
Benzo[a]pyrene	ND		0.051	0.20
Benzo[b]fluoranthene	ND		0.039	0.20
Benzo[g,h,i]perylene	ND		0.046	0.20
Benzo[k]fluoranthene	ND		0.045	0.20
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.337	J	0.22	2.0
Butyl benzyl phthalate	ND		0.26	2.0
Carbazole	ND		0.28	1.0
Chrysene	ND		0.050	0.20
Di-n-butyl phthalate	0.698	J	0.67	2.0
Di-n-octyl phthalate	ND		0.23	2.0
Dibenz(a,h)anthracene	ND		0.045	0.20
Dibenzofuran	ND		0.020	1.0
Diethyl phthalate	ND		0.60	2.0
Dimethyl phthalate	ND		0.29	2.0
Fluoranthene	ND		0.045	0.20
Fluorene	ND		0.041	0.20
Hexachlorobenzene	ND		0.085	0.20
Hexachlorobutadiene	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108039

Method: 8270D
Preparation: 3520C

Lab Sample ID:	MB 240-108039/19-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1026	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		0.24	10
Hexachloroethane	ND		0.19	1.0
Indeno[1,2,3-cd]pyrene	ND		0.043	0.20
Isophorone	ND		0.27	1.0
N-Nitrosodi-n-propylamine	ND		0.24	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
Naphthalene	ND		0.063	0.20
Nitrobenzene	ND		0.040	1.0
Pentachlorophenol	ND		0.27	5.0
Phenanthrene	ND		0.062	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.042	0.20
bis (2-chloroisopropyl) ether	ND		0.40	1.0
2,6-Dinitrotoluene	ND		0.80	5.0
4-Nitrophenol	ND		0.29	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	92	24 - 110
Phenol-d5 (Surr)	80	21 - 110
Nitrobenzene-d5 (Surr)	72	21 - 110
2-Fluorophenol (Surr)	79	10 - 110
2-Fluorobiphenyl (Surr)	78	20 - 110
2,4,6-Tribromophenol (Surr)	85	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108039

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-108039/20-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1051	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	20.0	15.5	77	45 - 110	
2,4,5-Trichlorophenol	20.0	16.3	82	48 - 110	
2,4-Dichlorophenol	20.0	15.6	78	41 - 110	
2,4-Dimethylphenol	20.0	11.2	56	32 - 110	
2,4-Dinitrophenol	40.0	26.2	65	10 - 110	
2,4-Dinitrotoluene	20.0	16.3	81	53 - 110	
2-Chlorophenol	20.0	14.9	74	29 - 110	
2-Methylnaphthalene	20.0	14.6	73	45 - 110	
2-Methylphenol	20.0	14.3	72	42 - 110	
2-Nitroaniline	20.0	16.9	84	54 - 110	
2-Nitrophenol	20.0	15.9	79	40 - 110	
3 & 4 Methylphenol	20.0	13.7	68	44 - 110	
3,3'-Dichlorobenzidine	40.0	31.4	79	22 - 110	
3-Nitroaniline	20.0	16.3	82	53 - 110	
4,6-Dinitro-2-methylphenol	40.0	26.1	65	31 - 110	
4-Bromophenyl phenyl ether	20.0	16.4	82	45 - 110	
4-Chloro-3-methylphenol	20.0	15.9	79	52 - 110	
4-Chloroaniline	20.0	11.9	60	44 - 110	
4-Chlorophenyl phenyl ether	20.0	15.5	77	47 - 110	
4-Nitroaniline	20.0	16.1	80	54 - 110	
Acenaphthene	20.0	15.1	75	47 - 110	
Acenaphthylene	20.0	13.7	69	49 - 110	
Acetophenone	20.0	15.1	76	46 - 110	
Anthracene	20.0	15.0	75	52 - 110	
Benzo[a]anthracene	20.0	15.5	77	52 - 110	
Benzo[a]pyrene	20.0	15.4	77	44 - 110	
Benzo[b]fluoranthene	20.0	16.5	82	48 - 110	
Benzo[g,h,i]perylene	20.0	15.6	78	50 - 110	
Benzo[k]fluoranthene	20.0	16.5	82	49 - 110	
Bis(2-chloroethoxy)methane	20.0	15.5	78	43 - 110	
Bis(2-chloroethyl)ether	20.0	14.5	73	40 - 110	
Bis(2-ethylhexyl) phthalate	20.0	15.0	75	39 - 116	
Butyl benzyl phthalate	20.0	15.2	76	55 - 110	
Carbazole	20.0	14.9	75	55 - 110	
Chrysene	20.0	15.7	79	55 - 110	
Di-n-butyl phthalate	20.0	16.5	83	57 - 110	
Di-n-octyl phthalate	20.0	14.9	75	40 - 110	
Dibenz(a,h)anthracene	20.0	16.3	82	49 - 110	
Dibenzofuran	20.0	15.1	76	51 - 110	
Diethyl phthalate	20.0	17.1	85	58 - 110	
Dimethyl phthalate	20.0	16.4	82	57 - 110	

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108039

Method: 8270D
Preparation: 3520C

Lab Sample ID:	LCS 240-108039/20-A	Analysis Batch:	240-108980	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-108039	Lab File ID:	31108004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 1051	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/01/2013 0855			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	20.0	16.0	80	54 - 110	
Fluorene	20.0	15.0	75	52 - 110	
Hexachlorobenzene	20.0	16.3	82	50 - 110	
Hexachlorobutadiene	20.0	13.0	65	33 - 110	
Hexachlorocyclopentadiene	20.0	2.87	14	4 - 110	J
Hexachloroethane	20.0	12.3	61	35 - 110	
Indeno[1,2,3-cd]pyrene	20.0	15.9	79	50 - 110	
Isophorone	20.0	14.8	74	49 - 110	
N-Nitrosodi-n-propylamine	20.0	14.9	75	47 - 110	
N-Nitrosodiphenylamine	40.0	32.0	80	50 - 110	
Naphthalene	20.0	13.7	69	44 - 110	
Nitrobenzene	20.0	16.4	82	42 - 110	
Pentachlorophenol	40.0	25.1	63	18 - 110	
Phenanthrene	20.0	15.4	77	53 - 110	
Phenol	20.0	13.0	65	33 - 110	
Pyrene	20.0	16.0	80	52 - 110	
bis (2-chloroisopropyl) ether	20.0	15.0	75	37 - 110	
2,6-Dinitrotoluene	20.0	17.0	85	54 - 110	
4-Nitrophenol	40.0	29.9	75	33 - 112	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	88	24 - 110
Phenol-d5 (Surr)	66	21 - 110
Nitrobenzene-d5 (Surr)	80	21 - 110
2-Fluorophenol (Surr)	71	10 - 110
2-Fluorobiphenyl (Surr)	78	20 - 110
2,4,6-Tribromophenol (Surr)	95	21 - 110

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107680 **Method: 8015C**
Preparation: 3520C

Lab Sample ID:	MB 240-107680/16-A	Analysis Batch:	240-108728	Instrument ID:	A2HP6F
Client Matrix:	Water	Prep Batch:	240-107680	Lab File ID:	P6F10640.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/07/2013 1738	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/30/2013 0900			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		240	500

Surrogate	% Rec	Acceptance Limits
n-Nonane o-Terphenyl (Surr)	101	40 - 160

Lab Control Sample - Batch: 240-107680 **Method: 8015C**
Preparation: 3520C

Lab Sample ID:	LCS 240-107680/17-A	Analysis Batch:	240-108118	Instrument ID:	A2HP6F
Client Matrix:	Water	Prep Batch:	240-107680	Lab File ID:	P6F10113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/01/2013 2050	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/30/2013 0900			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2500	2160	86	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	87	40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107847

Method: 8015C
Preparation: 3520C

Lab Sample ID:	MB 240-107847/6-A	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Client Matrix:	Water	Prep Batch:	240-107847	Lab File ID:	P6B11212.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1843	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0834			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		240	500

Surrogate	% Rec	Acceptance Limits
n-Nonane o-Terphenyl (Surr)	83	40 - 160

Lab Control Sample - Batch: 240-107847

Method: 8015C
Preparation: 3520C

Lab Sample ID:	LCS 240-107847/7-A	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Client Matrix:	Water	Prep Batch:	240-107847	Lab File ID:	P6B11213.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1914	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0834			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2500	1750	70	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	89	40 - 160

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-108118

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-108118/4	Analysis Batch:	240-108118	Instrument ID:	A2HP6F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6F10104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/01/2013 1608	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		48000	100000

Surrogate	% Rec	Acceptance Limits
n-Nonane		
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109436

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-109436/3	Analysis Batch:	240-109436	Instrument ID:	A2HP6R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6B11203.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 1225	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		48000	100000

Surrogate	% Rec	Acceptance Limits
n-Nonane		
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107685

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-107685/11-A	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107685	Lab File ID:	P3110735.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2013 0302	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/30/2013 0911			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	30 - 121
Tetrachloro-m-xylene	93	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107701

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-107701/12-A	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-107701	Lab File ID:	P3110755.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/08/2013 0948	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0938			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	41 - 157
Tetrachloro-m-xylene	95	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	41 - 157
Tetrachloro-m-xylene	101	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107701

Method: 8081B
Preparation: 3540C

Lab Sample ID:	MB 240-107701/12-A	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-107701	Lab File ID:	P3112027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2013 0634	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0938			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.2	1.7
alpha-BHC	ND		0.73	1.7
alpha-Chlordane	ND		0.94	1.7
beta-BHC	ND		1.1	1.7
4,4'-DDD	ND		0.62	1.7
4,4'-DDE	ND		0.39	1.7
4,4'-DDT	ND		0.63	1.7
delta-BHC	ND		1.2	1.7
Dieldrin	ND		0.47	1.7
Endosulfan I	ND		0.52	1.7
Endosulfan II	ND		0.82	1.7
Endosulfan sulfate	ND		0.87	1.7
Endrin	ND		0.50	1.7
Endrin aldehyde	ND		1.0	1.7
Endrin ketone	ND		0.63	1.7
gamma-BHC (Lindane)	ND		0.74	1.7
gamma-Chlordane	ND		0.42	1.7
Heptachlor	ND		1.1	1.7
Heptachlor epoxide	ND		0.80	1.7
Methoxychlor	ND		1.5	3.3
Toxaphene	ND		19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	41 - 157
Tetrachloro-m-xylene	85	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	41 - 157
Tetrachloro-m-xylene	91	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107701

Method: 8081B
Preparation: 3540C

Lab Sample ID:	LCS 240-107701/13-A	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-107701	Lab File ID:	P3110767.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/08/2013 1353	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0938			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	33.3	27.9	84	40 - 145	
alpha-BHC	33.3	29.7	89	50 - 153	
alpha-Chlordane	33.3	27.4	82	42 - 150	
beta-BHC	33.3	28.3	85	43 - 153	
4,4'-DDD	33.3	28.2	84	53 - 160	
4,4'-DDE	33.3	21.9	66	46 - 143	
4,4'-DDT	33.3	36.8	110	40 - 157	
delta-BHC	33.3	31.3	94	54 - 152	
Dieldrin	33.3	28.2	85	51 - 154	
Endosulfan I	33.3	21.7	65	40 - 148	
Endosulfan II	33.3	20.3	61	42 - 137	
Endosulfan sulfate	33.3	31.5	94	50 - 153	
Endrin	33.3	31.1	93	55 - 147	
Endrin aldehyde	33.3	28.1	84	43 - 158	
Endrin ketone	33.3	29.5	88	41 - 142	
gamma-BHC (Lindane)	33.3	31.6	95	44 - 160	
gamma-Chlordane	33.3	27.7	83	47 - 156	
Heptachlor	33.3	27.9	84	47 - 137	
Heptachlor epoxide	33.3	29.3	88	53 - 153	
Methoxychlor	33.3	28.6	86	40 - 152	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	74	40 - 149

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	41 - 157
Tetrachloro-m-xylene	90	40 - 149

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107853

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-107853/10-A	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107853	Lab File ID:	P3111421.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/14/2013 2359	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	77	30 - 121
Tetrachloro-m-xylene	93	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	30 - 121
Tetrachloro-m-xylene	85	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-107853

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-107853/11-A	Analysis Batch:	240-109928	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-107853	Lab File ID:	P3111422.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/15/2013 0019	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0851			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.476	95	40 - 155	
alpha-BHC	0.500	0.509	102	52 - 160	
alpha-Chlordane	0.500	0.503	101	44 - 160	
beta-BHC	0.500	0.531	106	60 - 160	
4,4'-DDD	0.500	0.636	127	61 - 160	
4,4'-DDE	0.500	0.516	103	50 - 160	
4,4'-DDT	0.500	0.758	152	43 - 158	
delta-BHC	0.500	0.562	112	55 - 167	
Dieldrin	0.500	0.503	101	62 - 160	
Endosulfan I	0.500	0.393	79	58 - 154	
Endosulfan II	0.500	0.390	78	56 - 145	
Endosulfan sulfate	0.500	0.537	107	64 - 151	
Endrin	0.500	0.534	107	59 - 156	
Endrin aldehyde	0.500	0.473	95	58 - 136	
Endrin ketone	0.500	0.526	105	51 - 138	
gamma-BHC (Lindane)	0.500	0.534	107	65 - 158	
gamma-Chlordane	0.500	0.504	101	58 - 160	
Heptachlor	0.500	0.542	108	40 - 143	
Heptachlor epoxide	0.500	0.504	101	61 - 160	
Methoxychlor	0.500	0.715	143	44 - 144	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	40	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	37	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108045

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-108045/19-A	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-108045	Lab File ID:	P3111118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/11/2013 0755	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/01/2013 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Lab Control Sample - Batch: 240-108045

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-108045/20-A	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-108045	Lab File ID:	P3111129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/11/2013 1138	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/01/2013 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.519	104	40 - 155	
alpha-BHC	0.500	0.562	112	52 - 160	
alpha-Chlordane	0.500	0.553	111	44 - 160	
beta-BHC	0.500	0.540	108	60 - 160	
4,4'-DDD	0.500	0.549	110	61 - 160	
4,4'-DDE	0.500	0.585	117	50 - 160	
4,4'-DDT	0.500	0.715	143	43 - 158	
delta-BHC	0.500	0.522	104	55 - 167	
Dieldrin	0.500	0.561	112	62 - 160	
Endosulfan I	0.500	0.445	89	58 - 154	
Endosulfan II	0.500	0.549	110	56 - 145	
Endosulfan sulfate	0.500	0.627	125	64 - 151	
Endrin	0.500	0.607	121	59 - 156	
Endrin aldehyde	0.500	0.582	116	58 - 136	
Endrin ketone	0.500	0.621	124	51 - 138	
gamma-BHC (Lindane)	0.500	0.587	117	65 - 158	
gamma-Chlordane	0.500	0.556	111	58 - 160	
Heptachlor	0.500	0.564	113	40 - 143	
Heptachlor epoxide	0.500	0.552	110	61 - 160	
Methoxychlor	0.500	0.849	170	44 - 144	*

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	30 - 121
Tetrachloro-m-xylene	86	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-108872 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108872/3	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3110703.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/07/2013 1612	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-108872 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-108872/3	Analysis Batch:	240-108872	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3110703.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/07/2013 1612	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109145

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-109145/3	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/11/2013 0232	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109145

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-109145/3	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/11/2013 0232	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-110159 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110159/3	Analysis Batch:	240-110159	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3111603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2013 1108	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-110788 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110788/6	Analysis Batch:	240-110788	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P3112006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2013 2329	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		3.6	5.1
alpha-BHC	ND		2.2	5.1
alpha-Chlordane	ND		2.8	5.1
beta-BHC	ND		3.3	5.1
4,4'-DDD	ND		1.9	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.9	5.1
delta-BHC	ND		3.6	5.1
Dieldrin	ND		1.4	5.1
Endosulfan I	ND		1.6	5.1
Endosulfan II	ND		2.5	5.1
Endosulfan sulfate	ND		2.6	5.1
Endrin	ND		1.5	5.1
Endrin aldehyde	ND		3.0	5.1
Endrin ketone	ND		1.9	5.1
gamma-BHC (Lindane)	ND		2.2	5.1
gamma-Chlordane	ND		1.3	5.1
Heptachlor	ND		3.3	5.1
Heptachlor epoxide	ND		2.4	5.1
Methoxychlor	ND		4.5	9.9
Toxaphene	ND		57	200

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107697

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-107697/19-A	Analysis Batch:	240-108010	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-107697	Lab File ID:	P1000013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/01/2013 1344	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		21	33
Aroclor-1221	ND		16	33
Aroclor-1232	ND		14	33
Aroclor-1242	ND		13	33
Aroclor-1248	ND		17	33
Aroclor-1254	ND		17	33
Aroclor-1260	ND		17	33
Aroclor-1262	ND		27	33
Aroclor-1268	ND		14	33

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	14 - 163
Tetrachloro-m-xylene	103	29 - 151

Lab Control Sample - Batch: 240-107697

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-107697/20-A	Analysis Batch:	240-108010	Instrument ID:	A2HP10
Client Matrix:	Solid	Prep Batch:	240-107697	Lab File ID:	P1000024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/01/2013 1633	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/30/2013 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	269	81	62 - 120	
Aroclor-1260	333	272	82	56 - 122	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	14 - 163
Tetrachloro-m-xylene	91	29 - 151

Method Blank - Batch: 240-107849

Method: 8082A
Preparation: 3520C

Lab Sample ID:	MB 240-107849/14-A	Analysis Batch:	240-108840	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-107849	Lab File ID:	P1100008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/07/2013 1828	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0841			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	10 - 130
Tetrachloro-m-xylene	90	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	10 - 130
Tetrachloro-m-xylene	87	23 - 136

Lab Control Sample - Batch: 240-107849

Method: 8082A
Preparation: 3520C

Lab Sample ID:	LCS 240-107849/15-A	Analysis Batch:	240-108840	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-107849	Lab File ID:	P1100009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/07/2013 1843	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	10/31/2013 0841			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.32	86	66 - 120	
Aroclor-1260	5.00	4.16	83	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	69	10 - 130
Tetrachloro-m-xylene	81	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	10 - 130
Tetrachloro-m-xylene	78	23 - 136

Client: EnSafe, Inc. Job Number: 240-30764-1

Preparation / Extraction Blank - Batch: 240-109284

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109284/1	Analysis Batch:	240-109284	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1100001.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/11/2013 1535	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-107845/1-A	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0804	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	1.01	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-107845

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-107845/2-A	Analysis Batch:	240-108547	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-107845	Lab File ID:	I9110513A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/05/2013 0808	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 0828				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1990	100	80 - 120	
Barium	2000	1890	94	80 - 120	
Cadmium	50.0	49.3	99	80 - 120	
Chromium	200	193	97	80 - 120	
Lead	500	475	95	80 - 120	
Selenium	2000	2020	101	80 - 120	
Silver	50.0	49.2	98	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-108583/1-A	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0903	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	ND		0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-108583/2-A	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0907	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1950	97	80 - 120	
Barium	2000	1910	96	80 - 120	
Cadmium	50.0	50.8	102	80 - 120	
Chromium	200	188	94	80 - 120	
Lead	500	459	92	80 - 120	
Selenium	2000	1930	96	80 - 120	
Silver	50.0	50.0	100	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Matrix Spike - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0924	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	9.0	J	2000	1910	95	75 - 125	
Barium	180	J	2000	2070	94	75 - 125	
Cadmium	ND		50.0	50.0	100	75 - 125	
Chromium	9.4	J	200	191	91	75 - 125	
Lead	2.7	J	500	437	87	75 - 125	
Selenium	ND		2000	1870	94	75 - 125	
Silver	ND		50.0	49.5	99	75 - 125	

Duplicate - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0919	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	9.0	J	8.50	5	20	J
Barium	180	J	176	0.7	20	J
Cadmium	ND		ND	NC	20	
Chromium	9.4	J	9.68	3	20	J
Lead	2.7	J	2.90	8	20	J
Selenium	ND		ND	NC	20	
Silver	ND		ND	NC	20	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108833

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 240-108833/1-A	Analysis Batch:	240-109151	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-108833	Lab File ID:	I9110813A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/08/2013 1011	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1134				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.30	1.5
Barium	0.132	J	0.071	20
Cadmium	ND		0.036	0.50
Chromium	ND		0.20	1.0
Lead	ND		0.19	1.0
Selenium	ND		0.45	2.0
Silver	ND		0.10	1.0

Lab Control Sample - Batch: 240-108833

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCS 240-108833/2-A	Analysis Batch:	240-109151	Instrument ID:	I9
Client Matrix:	Solid	Prep Batch:	240-108833	Lab File ID:	I9110813A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/08/2013 1023	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	193	96	80 - 120	
Barium	200	192	96	80 - 120	
Cadmium	5.00	5.00	100	80 - 120	
Chromium	20.0	19.0	95	80 - 120	
Lead	50.0	46.3	93	80 - 120	
Selenium	200	190	95	80 - 120	
Silver	5.00	4.87	97	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-107851/1-A	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1611	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-107851

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-107851/2-A	Analysis Batch:	240-108226	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-107851	Lab File ID:	110113B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/01/2013 1612	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	10/31/2013 1525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.52	90	81 - 123	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-108588/1-A	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1255	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-108588/2-A	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1257	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.89	98	81 - 123	

Matrix Spike - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1302	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	ND	1.00	0.442	44	69 - 134	F

Client: EnSafe, Inc. Job Number: 240-30764-1

Duplicate - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-30764-5	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1300	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

Client: EnSafe, Inc. Job Number: 240-30764-1

Method Blank - Batch: 240-108834

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 240-108834/1-A	Analysis Batch:	240-109191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-108834	Lab File ID:	110813A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/08/2013 1415	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1510				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.015	0.10

Lab Control Sample - Batch: 240-108834

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCS 240-108834/2-A	Analysis Batch:	240-109191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-108834	Lab File ID:	110813A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/08/2013 1418	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/07/2013 1510				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.848	102	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30764-1

Duplicate - Batch: 240-107543

Method: Moisture
Preparation: N/A

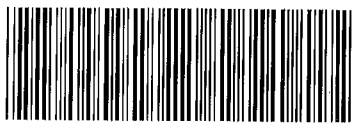
Lab Sample ID:	240-30764-11	Analysis Batch:	240-107543	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/29/2013 1757	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	80	81	1	20	
Percent Moisture	20	19	4	20	

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TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-30764 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

2.7 | 3.1 | 4.2 | 4.6 | 4.8 | 2.2 | 3.7

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. BCB1024131 | Page 1 of 1

ENSAFE

EnSafe Inc.
800-588-7962

Project Name: UTC CARRIER
PO No. | Project No. 08888814332 Phase
Site Location: Syracuse, NY.
Send Results To: Shane Goodnight

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone# Bryan Brister
Lab Name: TEST AMERICA
Turnaround Time(specify):

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	(3)→ HA	—	—	—	—	NH					Extra Volume for MS/MSD	HOLD
									VOCs	BNAs	PESTs	PCBs	DRO Fingerprint 8015	METALs	Pest/PCB/metals	Hg	Dry wt			
	CARSSIPZ02G20131024	SSIPZ-02	10/24/13	1706	WG	N	N	12	3	2	2	2	2	1					
	CARTRIP20131025	TRIP	10/25/13	1545	WQ	TB	N	1	1										
	CARMW32G20131025	MW-32	10/25/13	1641	WG	N	N	10	3	2	2	2		1					
	CARSSIPZ01G20131026	SSIPZ-01	10/26/13	0906	WG	N	N	10	3	2	2	2		1					
	CARMW33G20131026	MW-33	10/26/13	1202	WG	N	N	10	3	2	2	2		1					
	CARDCDPZ01G20131027	DCDPZ-01	10/27/13	0915	WG	N	N	12	3	2	2	2	2	1					
	CARMW31G20131027	MW-31	10/27/13	1141	WG	N	N	12	3	2	2	2	2	1					
	CARMW31H20131027	MW-31	10/27/13	1141	WG	FD	N	10	3	2	2	2		1					
	CARDCDPZ04G20131027	DCDPZ-04	10/27/13	1540	WG	N	N	12	3	2	2	2	2	1					
	CARSSIPZ03G20131028	SSIPZ-03	10/28/13	1541	WG	N	N	10	3	2	2	2		1					
	CARMW29S11	MW29	10/28/13	1615	SO	N	N	6	3						1	1	1		
	CARMW35DG20131028	MW-35D	10/28/13	1705	WG	N	N	10	3	2	2	2		1					

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature) TA SYR	Date	Time
1		10/28/13	1735	RE English	10-28-13	17:35
2	RE	10/28/13	1900	10 Chung	10/29/13	910
3						

Samples Iced?(check) Yes_____ No_____
Method of Shipment:
Airbill No:
Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative Login # : 307604
Canton Facility

Client ENSAFE Site Name _____ Cooler unpacked by:

Cooler Received on 10/29/13 Opened on 10/29/13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	X ☐ See Multiple
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	Cooler Form
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
~~IR GUN# 8~~	(CF -0 °C) _____	Observed Cooler Temp. _____ °C	Corrected

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 7	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# **HC385663**
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Michael O'Brien

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 307604

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	8	2.7	2.7	IC
Client		3.1	3.1	
TA NC #		4.2	4.2	
TA NC #		4.4	4.4	
TA NC #		1.8	1.8	
Client		2.2	2.2	
Client		3.7	3.7	

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
CARSSIPZ02G20131024	240-30764-D-1	Plastic 500ml - with Nitric Acid	<2		
CARMW32G20131025	240-30764-D-3	Plastic 500ml - with Nitric Acid	<2		
CARSSIPZ01G20131026	240-30764-D-4	Plastic 500ml - with Nitric Acid	<2		
CARMW33G20131026	240-30764-D-5	Plastic 500ml - with Nitric Acid	<2		
CARDCDPZ01G20131027	240-30764-D-6	Plastic 500ml - with Nitric Acid	<2		
CARMW31G20131027	240-30764-D-7	Plastic 500ml - with Nitric Acid	<2		
CARMW31H20131027	240-30764-D-8	Plastic 500ml - with Nitric Acid	<2		
CARDCDPZ04G20131027	240-30764-D-9	Plastic 500ml - with Nitric Acid	<2		
CARSSIPZ03G20131028	240-30764-D-10	Plastic 500ml - with Nitric Acid	<2		
CARMW35DG20131028	240-30764-D-12	Plastic 500ml - with Nitric Acid	<2		

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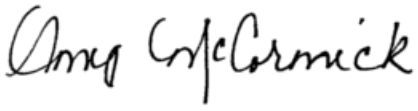
ANALYTICAL REPORT

Job Number: 240-30872-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/19/2013 12:55 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/19/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-30872-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

PCBs associated with this job will be provided in reports 240-31199-1 and 240-31232-1 with the exception of sample CARFDPZ03H20131029 which was not resampled.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/31/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.4, 1.6 and 1.8 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARDCDPZ03G20131029 (240-30872-1), CARTRIP102913 (240-30872-2), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARDCDPZ02G20131030 (240-30872-7), CARMW38G20131030 (240-30872-8) and CARMW40DG20131030 (240-30872-9) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/06/2013.

Samples CARDCDPZ03G20131029 (240-30872-1)[8.33X], CARFDPZ03G20131029 (240-30872-4)[1.67X], CARFDPZ03H20131029 (240-30872-5)[1.67X] and CARDCDPZ02G20131030 (240-30872-7)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Acetone was detected in method blank MB 240-108601/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Tetrachloroethene was detected in method blank MB 240-108727/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample for batch 108601 recovered outside control limits for Acetone. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

The laboratory control sample for batch 108601 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) for analytical batch 108601 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the

reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore, the data has been reported. No further corrective action was required.

The continuing calibration verification (CCV) for analytical batch 108727 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected compounds. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled MRL) was analyzed and the affected compounds were detected; therefore, the data has been reported. No further corrective action was required. Xylenes, Total failed the recovery criteria low for MRL 240-108727/5. Trichlorofluoromethane failed the recovery criteria high.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARDCDPZ02G20131030 (240-30872-7), CARMW38G20131030 (240-30872-8) and CARMW40DG20131030 (240-30872-9) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/06/2013 and 11/08/2013 and analyzed on 11/07/2013 and 11/15/2013.

Due to a laboratory oversight, samples CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), and CARFDPZ04G20131029 (240-30872-6) were extracted outside the recommended sample holding times.

Di-n-butyl phthalate was detected in method blank MB 240-108574/10-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARDCDPZ02G20131030 (240-30872-7), CARMW38G20131030 (240-30872-8) and CARMW40DG20131030 (240-30872-9) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 11/01/2013 and analyzed on 11/11/2013.

Elevated reporting limits are provided for CARDCDPZ02G20131030 (240-30872-7), CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARMW38G20131030 (240-30872-8), and CARMW40DG20131030 (240-30872-9) due to limited sample volume.

The laboratory control sample (LCS) for batch 108045 recovered outside control limits for Methoxychlor. This analyte was biased high in the LCS and was not detected in samples CARDCDPZ02G20131030 (240-30872-7), CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARMW38G20131030 (240-30872-8), and CARMW40DG20131030 (240-30872-9); therefore, the data have been reported.

The opening continuing calibration verification (CCV) associated with batch 109145 recovered DDT and Methoxychlor above the upper control limit. Samples CARDCDPZ02G20131030 (240-30872-7), CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARMW38G20131030 (240-30872-8), and CARMW40DG20131030 (240-30872-9) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 109145 recovered DDT, Endrin Ketone, and Methoxychlor above the upper control limits. Samples CARDCDPZ02G20131030 (240-30872-7), CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARMW38G20131030 (240-30872-8), and CARMW40DG20131030 (240-30872-9) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARDCDPZ02G20131030 (240-30872-7), CARMW38G20131030 (240-30872-8) and CARMW40DG20131030 (240-30872-9) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 11/06/2013 and analyzed on 11/07/2013.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples CARDCDPZ03G20131029 (240-30872-1), CARFDPZ01G20131029 (240-30872-3), CARFDPZ03G20131029 (240-30872-4), CARFDPZ03H20131029 (240-30872-5), CARFDPZ04G20131029 (240-30872-6), CARDCDPZ02G20131030 (240-30872-7), CARMW38G20131030 (240-30872-8) and CARMW40DG20131030 (240-30872-9) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 11/06/2013 and analyzed on 11/07/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30872-1	**CARDCDPZ03G20131029**					
Chloroethane		5.2	J	8.3	ug/L	8260C
cis-1,2-Dichloroethene		130		8.3	ug/L	8260C
1,2-Dichlorobenzene		1.2	J	8.3	ug/L	8260C
1,1-Dichloroethane		300		8.3	ug/L	8260C
1,2-Dichloroethane		2.9	J	8.3	ug/L	8260C
1,1-Dichloroethene		17		8.3	ug/L	8260C
Tetrachloroethene		2.5	J B	8.3	ug/L	8260C
trans-1,2-Dichloroethene		2.7	J	8.3	ug/L	8260C
1,1,1-Trichloroethane		2.8	J	8.3	ug/L	8260C
Trichloroethene		37		8.3	ug/L	8260C
Vinyl chloride		53		8.3	ug/L	8260C
2-Methylnaphthalene		0.34	H	0.21	ug/L	8270D
4-Chloro-3-methylphenol		35	H	2.1	ug/L	8270D
Di-n-butyl phthalate		4.2	H B	1.0	ug/L	8270D
Fluorene		0.31	H	0.21	ug/L	8270D
Naphthalene		4.9	H	0.21	ug/L	8270D
Total Recoverable						
Arsenic		5.1	J	15	ug/L	6010C
Barium		820		200	ug/L	6010C
Chromium		2.9	J	10	ug/L	6010C
240-30872-2	**CARTRIP102913**					
Tetrachloroethene		0.33	J B	1.0	ug/L	8260C
240-30872-3	**CARFDPZ01G20131029**					
Acetone		2.3	J B *	10	ug/L	8260C
Carbon disulfide		0.19	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		0.92	J	1.0	ug/L	8260C
Ethylbenzene		0.49	J	1.0	ug/L	8260C
Toluene		0.62	J	1.0	ug/L	8260C
Trichloroethene		3.6		1.0	ug/L	8260C
Trichlorofluoromethane		1.7		1.0	ug/L	8260C
Xylenes, Total		4.5		2.0	ug/L	8260C
Naphthalene		0.32	H	0.20	ug/L	8270D
Phenanthrene		0.32	H	0.20	ug/L	8270D
Total Recoverable						
Arsenic		3.7	J	15	ug/L	6010C
Barium		140	J	200	ug/L	6010C
Chromium		12		10	ug/L	6010C
Lead		3.6	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30872-4	**CARFDPZ03G20131029**					
cis-1,2-Dichloroethene		7.3		1.7	ug/L	8260C
Tetrachloroethene		0.67	J B	1.7	ug/L	8260C
Trichloroethene		60		1.7	ug/L	8260C
Di-n-butyl phthalate		2.6	H B	1.0	ug/L	8270D
Dieldrin		0.087	J	0.21	ug/L	8081B
Total Recoverable						
Barium		47	J	200	ug/L	6010C
240-30872-5	**CARFDPZ03H20131029**					
cis-1,2-Dichloroethene		8.0		1.7	ug/L	8260C
Tetrachloroethene		0.64	J B	1.7	ug/L	8260C
trans-1,2-Dichloroethene		0.39	J	1.7	ug/L	8260C
Trichloroethene		66		1.7	ug/L	8260C
Di-n-butyl phthalate		2.5	H B	1.0	ug/L	8270D
Total Recoverable						
Barium		47	J	200	ug/L	6010C
240-30872-6	**CARFDPZ04G20131029**					
Acetone		17		10	ug/L	8260C
2-Butanone (MEK)		4.3	J	10	ug/L	8260C
cis-1,2-Dichloroethene		4.1		1.0	ug/L	8260C
Tetrachloroethene		0.36	J B	1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.47	J	1.0	ug/L	8260C
Trichloroethene		9.4		1.0	ug/L	8260C
Trichlorofluoromethane		0.99	J	1.0	ug/L	8260C
Vinyl chloride		0.36	J	1.0	ug/L	8260C
Acenaphthene		0.32	H	0.21	ug/L	8270D
Carbazole		0.74	J H	1.0	ug/L	8270D
Di-n-butyl phthalate		2.6	H B	1.0	ug/L	8270D
Fluoranthene		0.23	H	0.21	ug/L	8270D
Fluorene		0.30	H	0.21	ug/L	8270D
Naphthalene		0.35	H	0.21	ug/L	8270D
Phenanthrene		0.92	H	0.21	ug/L	8270D
beta-BHC		0.059	J	0.20	ug/L	8081B
Total Recoverable						
Arsenic		10	J	15	ug/L	6010C
Barium		150	J	200	ug/L	6010C
Chromium		3.1	J	10	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30872-7	**CARDCDPZ02G20131030**					
cis-1,2-Dichloroethene		170		10	ug/L	8260C
1,1-Dichloroethane		110		10	ug/L	8260C
1,1-Dichloroethene		150		10	ug/L	8260C
Trichloroethene		330		10	ug/L	8260C
Vinyl chloride		43		10	ug/L	8260C
Di-n-butyl phthalate		2.5	B	1.0	ug/L	8270D
Naphthalene		0.24		0.21	ug/L	8270D
beta-BHC		0.14	J	0.19	ug/L	8081B
Total Recoverable						
Arsenic		7.5	J	15	ug/L	6010C
Barium		180	J	200	ug/L	6010C
Chromium		32		10	ug/L	6010C
Lead		9.1	J	10	ug/L	6010C
240-30872-8	**CARMW38G20131030**					
Chlorodibromomethane		0.25	J	1.0	ug/L	8260C
Chloroform		6.5		1.0	ug/L	8260C
cis-1,2-Dichloroethene		10		1.0	ug/L	8260C
Dichlorobromomethane		1.3		1.0	ug/L	8260C
1,1-Dichloroethene		0.36	J	1.0	ug/L	8260C
Tetrachloroethene		0.40	J B	1.0	ug/L	8260C
Trichloroethene		29		1.0	ug/L	8260C
Di-n-butyl phthalate		2.5	B	1.1	ug/L	8270D
4,4'-DDT		0.16	J	0.20	ug/L	8081B
Dieldrin		0.15	J	0.20	ug/L	8081B
Total Recoverable						
Arsenic		3.8	J	15	ug/L	6010C
Barium		75	J	200	ug/L	6010C
Chromium		5.1	J	10	ug/L	6010C
Lead		2.8	J	10	ug/L	6010C
240-30872-9	**CARMW40DG20131030**					
Tetrachloroethene		0.37	J B	1.0	ug/L	8260C
Di-n-butyl phthalate		2.6	B	1.0	ug/L	8270D
Total Recoverable						
Arsenic		12	J	15	ug/L	6010C
Barium		33	J	200	ug/L	6010C
Chromium		2.6	J	10	ug/L	6010C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-30872-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Total Recoverable or Dissolved Metals	TAL CAN		SW846 3005A
Mercury (CVAA)	TAL CAN	SW846 7470A	
Preparation, Mercury	TAL CAN		SW846 7470A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-30872-1

Method	Analyst	Analyst ID
SW846 8260C	Lavey, Tim	TJL1
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Hula, Tom	TMH
SW846 8081B	Van Doren, Carolyn	CVD
SW846 6010C	Counts, Karen	KLC
SW846 7470A	Martin, Aaron	AMM2

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30872-1	CARDCDPZ03G20131029	Water	10/29/2013 0856	10/31/2013 0920
240-30872-2	CARTRIP102913	Water	10/29/2013 1015	10/31/2013 0920
240-30872-3	CARFDPZ01G20131029	Water	10/29/2013 1129	10/31/2013 0920
240-30872-4	CARFDPZ03G20131029	Water	10/29/2013 1427	10/31/2013 0920
240-30872-5	CARFDPZ03H20131029	Water	10/29/2013 1427	10/31/2013 0920
240-30872-6	CARFDPZ04G20131029	Water	10/29/2013 1704	10/31/2013 0920
240-30872-7	CARDCDPZ02G20131030	Water	10/30/2013 0910	10/31/2013 0920
240-30872-8	CARMW38G20131030	Water	10/30/2013 1240	10/31/2013 0920
240-30872-9	CARMW40DG20131030	Water	10/30/2013 1521	10/31/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233614.D
Dilution:	8.333			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2344			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		9.2	83
Benzene	ND		1.1	8.3
Bromoform	ND		5.3	8.3
Bromomethane	ND		3.4	8.3
2-Butanone (MEK)	ND		4.7	83
Carbon disulfide	ND		1.1	8.3
Carbon tetrachloride	ND		1.1	8.3
Chlorobenzene	ND		1.2	8.3
Chlorodibromomethane	ND		1.5	8.3
Chloroethane	5.2	J	2.4	8.3
Chloroform	ND		1.3	8.3
Chloromethane	ND		2.5	8.3
cis-1,2-Dichloroethene	130		1.4	8.3
cis-1,3-Dichloropropene	ND		1.2	8.3
1,2-Dibromo-3-Chloropropane	ND		5.6	17
1,2-Dichlorobenzene	1.2	J	1.1	8.3
1,3-Dichlorobenzene	ND		1.2	8.3
1,4-Dichlorobenzene	ND		1.1	8.3
Dichlorobromomethane	ND		1.2	8.3
Dichlorodifluoromethane	ND		2.6	8.3
1,1-Dichloroethane	300		1.2	8.3
1,2-Dichloroethane	2.9	J	1.8	8.3
1,1-Dichloroethene	17		1.6	8.3
1,2-Dichloropropane	ND		1.5	8.3
Ethylbenzene	ND		1.4	8.3
Ethylene Dibromide	ND		2.0	8.3
2-Hexanone	ND		3.4	83
Isopropylbenzene	ND		1.1	8.3
Methylene Chloride	ND		2.7	8.3
4-Methyl-2-pentanone (MIBK)	ND		2.7	83
Methyl tert-butyl ether	ND		1.4	8.3
Styrene	ND		0.92	8.3
1,1,2,2-Tetrachloroethane	ND		1.5	8.3
Tetrachloroethene	2.5	J B	2.4	8.3
Toluene	ND		1.1	8.3
trans-1,2-Dichloroethene	2.7	J	1.6	8.3
trans-1,3-Dichloropropene	ND		1.6	8.3
1,2,4-Trichlorobenzene	ND		1.2	8.3
1,1,1-Trichloroethane	2.8	J	1.8	8.3
1,1,2-Trichloroethane	ND		2.2	8.3
Trichloroethene	37		1.4	8.3
Trichlorofluoromethane	ND		1.7	8.3
Vinyl chloride	53		1.8	8.3
Xylenes, Total	ND		1.2	17

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233614.D
Dilution:	8.333			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2344			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2344				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	111		66 - 117
Dibromofluoromethane (Surr)	121		75 - 121
1,2-Dichloroethane-d4 (Surr)	119		63 - 129
Toluene-d8 (Surr)	114		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233614.D
Dilution:	8.333			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2344			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2344				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARTRIP102913**

Lab Sample ID: 240-30872-2 Date Sampled: 10/29/2013 1015
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233607.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2058			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.33	J B	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARTRIP102913**

Lab Sample ID: 240-30872-2 Date Sampled: 10/29/2013 1015
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233607.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2058			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2058				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	102		66 - 117
Dibromofluoromethane (Surr)	105		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	106		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARTRIP102913**

Lab Sample ID: 240-30872-2 Date Sampled: 10/29/2013 1015
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233607.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2058			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2058				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1487.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1856			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1856				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J B *	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND	*	0.57	10
Carbon disulfide	0.19	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND	*	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.92	J	0.17	1.0
cis-1,3-Dichloropropene	ND	*	0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND	*	0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	0.49	J	0.17	1.0
Ethylene Dibromide	ND	*	0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.62	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND	*	0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	3.6		0.17	1.0
Trichlorofluoromethane	1.7		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	4.5		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1487.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1856			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1856				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 117
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1487.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1856			Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1856				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233608.D
Dilution:	1.67			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2121			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2121				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.8	17
Benzene	ND		0.22	1.7
Bromoform	ND		1.1	1.7
Bromomethane	ND		0.68	1.7
2-Butanone (MEK)	ND		0.95	17
Carbon disulfide	ND		0.22	1.7
Carbon tetrachloride	ND		0.22	1.7
Chlorobenzene	ND		0.25	1.7
Chlorodibromomethane	ND		0.30	1.7
Chloroethane	ND		0.48	1.7
Chloroform	ND		0.27	1.7
Chloromethane	ND		0.50	1.7
cis-1,2-Dichloroethene	7.3		0.28	1.7
cis-1,3-Dichloropropene	ND		0.23	1.7
1,2-Dibromo-3-Chloropropane	ND		1.1	3.3
1,2-Dichlorobenzene	ND		0.22	1.7
1,3-Dichlorobenzene	ND		0.23	1.7
1,4-Dichlorobenzene	ND		0.22	1.7
Dichlorobromomethane	ND		0.25	1.7
Dichlorodifluoromethane	ND		0.52	1.7
1,1-Dichloroethane	ND		0.25	1.7
1,2-Dichloroethane	ND		0.37	1.7
1,1-Dichloroethene	ND		0.32	1.7
1,2-Dichloropropane	ND		0.30	1.7
Ethylbenzene	ND		0.28	1.7
Ethylene Dibromide	ND		0.40	1.7
2-Hexanone	ND		0.68	17
Isopropylbenzene	ND		0.22	1.7
Methylene Chloride	ND		0.55	1.7
4-Methyl-2-pentanone (MIBK)	ND		0.53	17
Methyl tert-butyl ether	ND		0.28	1.7
Styrene	ND		0.18	1.7
1,1,2,2-Tetrachloroethane	ND		0.30	1.7
Tetrachloroethene	0.67	J B	0.48	1.7
Toluene	ND		0.22	1.7
trans-1,2-Dichloroethene	ND		0.32	1.7
trans-1,3-Dichloropropene	ND		0.32	1.7
1,2,4-Trichlorobenzene	ND		0.25	1.7
1,1,1-Trichloroethane	ND		0.37	1.7
1,1,2-Trichloroethane	ND		0.45	1.7
Trichloroethene	60		0.28	1.7
Trichlorofluoromethane	ND		0.35	1.7
Vinyl chloride	ND		0.37	1.7
Xylenes, Total	ND		0.23	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233608.D
Dilution:	1.67			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2121			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2121				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	106		66 - 117
Dibromofluoromethane (Surr)	118		75 - 121
1,2-Dichloroethane-d4 (Surr)	119		63 - 129
Toluene-d8 (Surr)	112		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233608.D
Dilution:	1.67			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2121			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2121				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233609.D
Dilution:	1.67			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2145			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.8	17
Benzene	ND		0.22	1.7
Bromoform	ND		1.1	1.7
Bromomethane	ND		0.68	1.7
2-Butanone (MEK)	ND		0.95	17
Carbon disulfide	ND		0.22	1.7
Carbon tetrachloride	ND		0.22	1.7
Chlorobenzene	ND		0.25	1.7
Chlorodibromomethane	ND		0.30	1.7
Chloroethane	ND		0.48	1.7
Chloroform	ND		0.27	1.7
Chloromethane	ND		0.50	1.7
cis-1,2-Dichloroethene	8.0		0.28	1.7
cis-1,3-Dichloropropene	ND		0.23	1.7
1,2-Dibromo-3-Chloropropane	ND		1.1	3.3
1,2-Dichlorobenzene	ND		0.22	1.7
1,3-Dichlorobenzene	ND		0.23	1.7
1,4-Dichlorobenzene	ND		0.22	1.7
Dichlorobromomethane	ND		0.25	1.7
Dichlorodifluoromethane	ND		0.52	1.7
1,1-Dichloroethane	ND		0.25	1.7
1,2-Dichloroethane	ND		0.37	1.7
1,1-Dichloroethene	ND		0.32	1.7
1,2-Dichloropropane	ND		0.30	1.7
Ethylbenzene	ND		0.28	1.7
Ethylene Dibromide	ND		0.40	1.7
2-Hexanone	ND		0.68	17
Isopropylbenzene	ND		0.22	1.7
Methylene Chloride	ND		0.55	1.7
4-Methyl-2-pentanone (MIBK)	ND		0.53	17
Methyl tert-butyl ether	ND		0.28	1.7
Styrene	ND		0.18	1.7
1,1,2,2-Tetrachloroethane	ND		0.30	1.7
Tetrachloroethene	0.64	J B	0.48	1.7
Toluene	ND		0.22	1.7
trans-1,2-Dichloroethene	0.39	J	0.32	1.7
trans-1,3-Dichloropropene	ND		0.32	1.7
1,2,4-Trichlorobenzene	ND		0.25	1.7
1,1,1-Trichloroethane	ND		0.37	1.7
1,1,2-Trichloroethane	ND		0.45	1.7
Trichloroethene	66		0.28	1.7
Trichlorofluoromethane	ND		0.35	1.7
Vinyl chloride	ND		0.37	1.7
Xylenes, Total	ND		0.23	3.3

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233609.D
Dilution:	1.67			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2145			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2145				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	107		66 - 117
Dibromofluoromethane (Surr)	116		75 - 121
1,2-Dichloroethane-d4 (Surr)	117		63 - 129
Toluene-d8 (Surr)	113		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233609.D
Dilution:	1.67			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2145			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2145				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233610.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2207			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2207				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	17		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	4.3	J	0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	4.1		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.36	J B	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	0.47	J	0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	9.4		0.17	1.0
Trichlorofluoromethane	0.99	J	0.21	1.0
Vinyl chloride	0.36	J	0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233610.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2207			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2207				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	103		66 - 117
Dibromofluoromethane (Surr)	114		75 - 121
1,2-Dichloroethane-d4 (Surr)	107		63 - 129
Toluene-d8 (Surr)	106		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233610.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2207			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2207				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233611.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2232			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		11	100
Benzene	ND		1.3	10
Bromoform	ND		6.4	10
Bromomethane	ND		4.1	10
2-Butanone (MEK)	ND		5.7	100
Carbon disulfide	ND		1.3	10
Carbon tetrachloride	ND		1.3	10
Chlorobenzene	ND		1.5	10
Chlorodibromomethane	ND		1.8	10
Chloroethane	ND		2.9	10
Chloroform	ND		1.6	10
Chloromethane	ND		3.0	10
cis-1,2-Dichloroethene	170		1.7	10
cis-1,3-Dichloropropene	ND		1.4	10
1,2-Dibromo-3-Chloropropane	ND		6.7	20
1,2-Dichlorobenzene	ND		1.3	10
1,3-Dichlorobenzene	ND		1.4	10
1,4-Dichlorobenzene	ND		1.3	10
Dichlorobromomethane	ND		1.5	10
Dichlorodifluoromethane	ND		3.1	10
1,1-Dichloroethane	110		1.5	10
1,2-Dichloroethane	ND		2.2	10
1,1-Dichloroethene	150		1.9	10
1,2-Dichloropropane	ND		1.8	10
Ethylbenzene	ND		1.7	10
Ethylene Dibromide	ND		2.4	10
2-Hexanone	ND		4.1	100
Isopropylbenzene	ND		1.3	10
Methylene Chloride	ND		3.3	10
4-Methyl-2-pentanone (MIBK)	ND		3.2	100
Methyl tert-butyl ether	ND		1.7	10
Styrene	ND		1.1	10
1,1,2,2-Tetrachloroethane	ND		1.8	10
Tetrachloroethene	ND		2.9	10
Toluene	ND		1.3	10
trans-1,2-Dichloroethene	ND		1.9	10
trans-1,3-Dichloropropene	ND		1.9	10
1,2,4-Trichlorobenzene	ND		1.5	10
1,1,1-Trichloroethane	ND		2.2	10
1,1,2-Trichloroethane	ND		2.7	10
Trichloroethene	330		1.7	10
Trichlorofluoromethane	ND		2.1	10
Vinyl chloride	43		2.2	10
Xylenes, Total	ND		1.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233611.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2232			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2232				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	98		66 - 117
Dibromofluoromethane (Surr)	104		75 - 121
1,2-Dichloroethane-d4 (Surr)	103		63 - 129
Toluene-d8 (Surr)	100		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233611.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2232			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2232				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.33	200	T J N

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233612.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2256			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2256				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	0.25	J	0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	6.5		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	10		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	1.3		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	0.36	J	0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.40	J B	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	29		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233612.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2256			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2256				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	105		66 - 117
Dibromofluoromethane (Surr)	111		75 - 121
1,2-Dichloroethane-d4 (Surr)	111		63 - 129
Toluene-d8 (Surr)	109		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233612.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2256			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2256				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233613.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2321			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2321				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.37	J B	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233613.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2321			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2321				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	99		66 - 117
Dibromofluoromethane (Surr)	113		75 - 121
1,2-Dichloroethane-d4 (Surr)	111		63 - 129
Toluene-d8 (Surr)	106		74 - 115

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	U1233613.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2321			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2321				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107019.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1453			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND	H	1.4	5.2
2,4,5-Trichlorophenol	ND	H	1.9	5.2
2,4-Dichlorophenol	ND	H	1.5	2.1
2,4-Dimethylphenol	ND	H	1.6	2.1
2,4-Dinitrophenol	ND	H	32	42
2,4-Dinitrotoluene	ND	H	1.3	5.2
2-Chlorophenol	ND	H	0.69	1.0
2-Methylnaphthalene	0.34	H	0.19	0.21
2-Methylphenol	ND	H	0.98	1.0
2-Nitroaniline	ND	H	1.6	2.1
2-Nitrophenol	ND	H	1.1	2.1
3 & 4 Methylphenol	ND	H	1.8	2.1
3,3'-Dichlorobenzidine	ND	H	1.8	5.2
3-Nitroaniline	ND	H	1.4	2.1
4,6-Dinitro-2-methylphenol	ND	H	2.7	5.2
4-Bromophenyl phenyl ether	ND	H	1.8	2.1
4-Chloro-3-methylphenol	35	H	1.5	2.1
4-Chloroaniline	ND	H	0.78	2.1
4-Chlorophenyl phenyl ether	ND	H	1.5	2.1
4-Nitroaniline	ND	H	1.3	2.1
Acenaphthene	ND	H	0.23	0.21
Acenaphthylene	ND	H	0.10	0.21
Acetophenone	ND	H	0.73	1.0
Anthracene	ND	H	0.16	0.21
Benzo[a]anthracene	ND	H	0.31	0.21
Benzo[a]pyrene	ND	H	0.16	0.21
Benzo[b]fluoranthene	ND	H	0.31	0.21
Benzo[g,h,i]perylene	ND	H	0.26	0.21
Benzo[k]fluoranthene	ND	H	0.25	0.21
Bis(2-chloroethoxy)methane	ND	H	0.19	1.0
Bis(2-chloroethyl)ether	ND	H	0.99	1.0
Bis(2-ethylhexyl) phthalate	ND	H	7.9	2.1
Butyl benzyl phthalate	ND	H	1.1	1.0
Carbazole	ND	H	0.55	1.0
Chrysene	ND	H	0.18	0.21
Di-n-butyl phthalate	4.2	H B	2.1	1.0
Di-n-octyl phthalate	ND	H	1.9	1.0
Dibenz(a,h)anthracene	ND	H	0.21	0.21
Dibenzofuran	ND	H	0.71	1.0
Diethyl phthalate	ND	H	0.65	1.0
Dimethyl phthalate	ND	H	0.53	1.0
Fluoranthene	ND	H	0.14	0.21
Fluorene	0.31	H	0.18	0.21
Hexachlorobenzene	ND	H	0.60	1.0
Hexachlorobutadiene	ND	H	0.73	1.0
Hexachlorocyclopentadiene	ND	H	13	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107019.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1453			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND	H	1.1	1.0
Indeno[1,2,3-cd]pyrene	ND	H	0.25	0.21
Isophorone	ND	H	0.22	1.0
N-Nitrosodi-n-propylamine	ND	H	0.83	1.0
N-Nitrosodiphenylamine	ND	H	0.58	1.0
Naphthalene	4.9	H	0.22	0.21
Nitrobenzene	ND	H	0.61	1.0
Pentachlorophenol	ND	H	28	42
Phenanthrene	ND	H	0.16	0.21
Phenol	ND	H	0.78	1.0
Pyrene	ND	H	0.15	0.21
bis (2-chloroisopropyl) ether	ND	H	0.95	1.0
2,6-Dinitrotoluene	ND	H	1.2	5.2
4-Nitrophenol	ND	H	3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	88		31 - 115
Phenol-d5 (Surr)	46		10 - 110
Nitrobenzene-d5 (Surr)	68		31 - 110
2-Fluorophenol (Surr)	61		15 - 110
2-Fluorobiphenyl (Surr)	64		29 - 110
2,4,6-Tribromophenol (Surr)	81		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115016.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1533			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND	H	1.3	5.0
2,4,5-Trichlorophenol	ND	H	1.8	5.0
2,4-Dichlorophenol	ND	H	1.5	2.0
2,4-Dimethylphenol	ND	H	1.6	2.0
2,4-Dinitrophenol	ND	H	31	40
2,4-Dinitrotoluene	ND	H	1.3	5.0
2-Chlorophenol	ND	H	0.66	1.0
2-Methylnaphthalene	ND	H	0.19	0.20
2-Methylphenol	ND	H	0.94	1.0
2-Nitroaniline	ND	H	1.5	2.0
2-Nitrophenol	ND	H	1.0	2.0
3 & 4 Methylphenol	ND	H	1.7	2.0
3,3'-Dichlorobenzidine	ND	H	1.8	5.0
3-Nitroaniline	ND	H	1.3	2.0
4,6-Dinitro-2-methylphenol	ND	H	2.6	5.0
4-Bromophenyl phenyl ether	ND	H	1.7	2.0
4-Chloro-3-methylphenol	ND	H	1.4	2.0
4-Chloroaniline	ND	H	0.75	2.0
4-Chlorophenyl phenyl ether	ND	H	1.5	2.0
4-Nitroaniline	ND	H	1.2	2.0
Acenaphthene	ND	H	0.22	0.20
Acenaphthylene	ND	H	0.10	0.20
Acetophenone	ND	H	0.70	1.0
Anthracene	ND	H	0.16	0.20
Benzo[a]anthracene	ND	H	0.30	0.20
Benzo[a]pyrene	ND	H	0.15	0.20
Benzo[b]fluoranthene	ND	H	0.30	0.20
Benzo[g,h,i]perylene	ND	H	0.25	0.20
Benzo[k]fluoranthene	ND	H	0.24	0.20
Bis(2-chloroethoxy)methane	ND	H	0.19	1.0
Bis(2-chloroethyl)ether	ND	H	0.95	1.0
Bis(2-ethylhexyl) phthalate	ND	H	7.6	2.0
Butyl benzyl phthalate	ND	H	1.1	1.0
Carbazole	ND	H	0.53	1.0
Chrysene	ND	H	0.18	0.20
Di-n-butyl phthalate	ND	H	2.0	1.0
Di-n-octyl phthalate	ND	H	1.8	1.0
Dibenz(a,h)anthracene	ND	H	0.20	0.20
Dibenzofuran	ND	H	0.69	1.0
Diethyl phthalate	ND	H	0.63	1.0
Dimethyl phthalate	ND	H	0.51	1.0
Fluoranthene	ND	H	0.14	0.20
Fluorene	ND	H	0.17	0.20
Hexachlorobenzene	ND	H	0.58	1.0
Hexachlorobutadiene	ND	H	0.71	1.0
Hexachlorocyclopentadiene	ND	H	12	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115016.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1533			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND	H	1.1	1.0
Indeno[1,2,3-cd]pyrene	ND	H	0.24	0.20
Isophorone	ND	H	0.21	1.0
N-Nitrosodi-n-propylamine	ND	H	0.80	1.0
N-Nitrosodiphenylamine	ND	H	0.56	1.0
Naphthalene	0.32	H	0.22	0.20
Nitrobenzene	ND	H	0.59	1.0
Pentachlorophenol	ND	H	27	40
Phenanthrene	0.32	H	0.16	0.20
Phenol	ND	H	0.75	1.0
Pyrene	ND	H	0.14	0.20
bis (2-chloroisopropyl) ether	ND	H	0.92	1.0
2,6-Dinitrotoluene	ND	H	1.2	5.0
4-Nitrophenol	ND	H	2.9	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	83		31 - 115
Phenol-d5 (Surr)	41		10 - 110
Nitrobenzene-d5 (Surr)	78		31 - 110
2-Fluorophenol (Surr)	61		15 - 110
2-Fluorobiphenyl (Surr)	72		29 - 110
2,4,6-Tribromophenol (Surr)	72		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107020.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1515			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND	H	1.4	5.2
2,4,5-Trichlorophenol	ND	H	1.9	5.2
2,4-Dichlorophenol	ND	H	1.5	2.1
2,4-Dimethylphenol	ND	H	1.6	2.1
2,4-Dinitrophenol	ND	H	32	42
2,4-Dinitrotoluene	ND	H	1.3	5.2
2-Chlorophenol	ND	H	0.69	1.0
2-Methylnaphthalene	ND	H	0.19	0.21
2-Methylphenol	ND	H	0.98	1.0
2-Nitroaniline	ND	H	1.6	2.1
2-Nitrophenol	ND	H	1.1	2.1
3 & 4 Methylphenol	ND	H	1.8	2.1
3,3'-Dichlorobenzidine	ND	H	1.8	5.2
3-Nitroaniline	ND	H	1.4	2.1
4,6-Dinitro-2-methylphenol	ND	H	2.7	5.2
4-Bromophenyl phenyl ether	ND	H	1.8	2.1
4-Chloro-3-methylphenol	ND	H	1.5	2.1
4-Chloroaniline	ND	H	0.78	2.1
4-Chlorophenyl phenyl ether	ND	H	1.5	2.1
4-Nitroaniline	ND	H	1.3	2.1
Acenaphthene	ND	H	0.23	0.21
Acenaphthylene	ND	H	0.10	0.21
Acetophenone	ND	H	0.73	1.0
Anthracene	ND	H	0.16	0.21
Benzo[a]anthracene	ND	H	0.31	0.21
Benzo[a]pyrene	ND	H	0.16	0.21
Benzo[b]fluoranthene	ND	H	0.31	0.21
Benzo[g,h,i]perylene	ND	H	0.26	0.21
Benzo[k]fluoranthene	ND	H	0.25	0.21
Bis(2-chloroethoxy)methane	ND	H	0.19	1.0
Bis(2-chloroethyl)ether	ND	H	0.99	1.0
Bis(2-ethylhexyl) phthalate	ND	H	7.9	2.1
Butyl benzyl phthalate	ND	H	1.1	1.0
Carbazole	ND	H	0.55	1.0
Chrysene	ND	H	0.18	0.21
Di-n-butyl phthalate	2.6	H B	2.1	1.0
Di-n-octyl phthalate	ND	H	1.9	1.0
Dibenz(a,h)anthracene	ND	H	0.21	0.21
Dibenzofuran	ND	H	0.71	1.0
Diethyl phthalate	ND	H	0.65	1.0
Dimethyl phthalate	ND	H	0.53	1.0
Fluoranthene	ND	H	0.14	0.21
Fluorene	ND	H	0.18	0.21
Hexachlorobenzene	ND	H	0.60	1.0
Hexachlorobutadiene	ND	H	0.73	1.0
Hexachlorocyclopentadiene	ND	H	13	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107020.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1515			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND	H	1.1	1.0
Indeno[1,2,3-cd]pyrene	ND	H	0.25	0.21
Isophorone	ND	H	0.22	1.0
N-Nitrosodi-n-propylamine	ND	H	0.83	1.0
N-Nitrosodiphenylamine	ND	H	0.58	1.0
Naphthalene	ND	H	0.22	0.21
Nitrobenzene	ND	H	0.61	1.0
Pentachlorophenol	ND	H	28	42
Phenanthrene	ND	H	0.16	0.21
Phenol	ND	H	0.78	1.0
Pyrene	ND	H	0.15	0.21
bis (2-chloroisopropyl) ether	ND	H	0.95	1.0
2,6-Dinitrotoluene	ND	H	1.2	5.2
4-Nitrophenol	ND	H	3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	80		31 - 115
Phenol-d5 (Surr)	42		10 - 110
Nitrobenzene-d5 (Surr)	59		31 - 110
2-Fluorophenol (Surr)	55		15 - 110
2-Fluorobiphenyl (Surr)	55		29 - 110
2,4,6-Tribromophenol (Surr)	63		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107021.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1537			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND	H	1.4	5.2
2,4,5-Trichlorophenol	ND	H	1.9	5.2
2,4-Dichlorophenol	ND	H	1.5	2.1
2,4-Dimethylphenol	ND	H	1.6	2.1
2,4-Dinitrophenol	ND	H	32	42
2,4-Dinitrotoluene	ND	H	1.3	5.2
2-Chlorophenol	ND	H	0.69	1.0
2-Methylnaphthalene	ND	H	0.19	0.21
2-Methylphenol	ND	H	0.98	1.0
2-Nitroaniline	ND	H	1.6	2.1
2-Nitrophenol	ND	H	1.1	2.1
3 & 4 Methylphenol	ND	H	1.8	2.1
3,3'-Dichlorobenzidine	ND	H	1.8	5.2
3-Nitroaniline	ND	H	1.4	2.1
4,6-Dinitro-2-methylphenol	ND	H	2.7	5.2
4-Bromophenyl phenyl ether	ND	H	1.8	2.1
4-Chloro-3-methylphenol	ND	H	1.5	2.1
4-Chloroaniline	ND	H	0.78	2.1
4-Chlorophenyl phenyl ether	ND	H	1.5	2.1
4-Nitroaniline	ND	H	1.3	2.1
Acenaphthene	ND	H	0.23	0.21
Acenaphthylene	ND	H	0.10	0.21
Acetophenone	ND	H	0.73	1.0
Anthracene	ND	H	0.16	0.21
Benzo[a]anthracene	ND	H	0.31	0.21
Benzo[a]pyrene	ND	H	0.16	0.21
Benzo[b]fluoranthene	ND	H	0.31	0.21
Benzo[g,h,i]perylene	ND	H	0.26	0.21
Benzo[k]fluoranthene	ND	H	0.25	0.21
Bis(2-chloroethoxy)methane	ND	H	0.19	1.0
Bis(2-chloroethyl)ether	ND	H	0.99	1.0
Bis(2-ethylhexyl) phthalate	ND	H	7.9	2.1
Butyl benzyl phthalate	ND	H	1.1	1.0
Carbazole	ND	H	0.55	1.0
Chrysene	ND	H	0.18	0.21
Di-n-butyl phthalate	2.5	H B	2.1	1.0
Di-n-octyl phthalate	ND	H	1.9	1.0
Dibenz(a,h)anthracene	ND	H	0.21	0.21
Dibenzofuran	ND	H	0.71	1.0
Diethyl phthalate	ND	H	0.65	1.0
Dimethyl phthalate	ND	H	0.53	1.0
Fluoranthene	ND	H	0.14	0.21
Fluorene	ND	H	0.18	0.21
Hexachlorobenzene	ND	H	0.60	1.0
Hexachlorobutadiene	ND	H	0.73	1.0
Hexachlorocyclopentadiene	ND	H	13	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107021.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1537			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND	H	1.1	1.0
Indeno[1,2,3-cd]pyrene	ND	H	0.25	0.21
Isophorone	ND	H	0.22	1.0
N-Nitrosodi-n-propylamine	ND	H	0.83	1.0
N-Nitrosodiphenylamine	ND	H	0.58	1.0
Naphthalene	ND	H	0.22	0.21
Nitrobenzene	ND	H	0.61	1.0
Pentachlorophenol	ND	H	28	42
Phenanthrene	ND	H	0.16	0.21
Phenol	ND	H	0.78	1.0
Pyrene	ND	H	0.15	0.21
bis (2-chloroisopropyl) ether	ND	H	0.95	1.0
2,6-Dinitrotoluene	ND	H	1.2	5.2
4-Nitrophenol	ND	H	3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	89		31 - 115
Phenol-d5 (Surr)	45		10 - 110
Nitrobenzene-d5 (Surr)	77		31 - 110
2-Fluorophenol (Surr)	61		15 - 110
2-Fluorobiphenyl (Surr)	68		29 - 110
2,4,6-Tribromophenol (Surr)	77		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107022.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1559			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND	H	1.4	5.2
2,4,5-Trichlorophenol	ND	H	1.9	5.2
2,4-Dichlorophenol	ND	H	1.5	2.1
2,4-Dimethylphenol	ND	H	1.6	2.1
2,4-Dinitrophenol	ND	H	32	42
2,4-Dinitrotoluene	ND	H	1.3	5.2
2-Chlorophenol	ND	H	0.69	1.0
2-Methylnaphthalene	ND	H	0.19	0.21
2-Methylphenol	ND	H	0.98	1.0
2-Nitroaniline	ND	H	1.6	2.1
2-Nitrophenol	ND	H	1.1	2.1
3 & 4 Methylphenol	ND	H	1.8	2.1
3,3'-Dichlorobenzidine	ND	H	1.8	5.2
3-Nitroaniline	ND	H	1.4	2.1
4,6-Dinitro-2-methylphenol	ND	H	2.7	5.2
4-Bromophenyl phenyl ether	ND	H	1.8	2.1
4-Chloro-3-methylphenol	ND	H	1.5	2.1
4-Chloroaniline	ND	H	0.78	2.1
4-Chlorophenyl phenyl ether	ND	H	1.5	2.1
4-Nitroaniline	ND	H	1.3	2.1
Acenaphthene	0.32	H	0.23	0.21
Acenaphthylene	ND	H	0.10	0.21
Acetophenone	ND	H	0.73	1.0
Anthracene	ND	H	0.16	0.21
Benzo[a]anthracene	ND	H	0.31	0.21
Benzo[a]pyrene	ND	H	0.16	0.21
Benzo[b]fluoranthene	ND	H	0.31	0.21
Benzo[g,h,i]perylene	ND	H	0.26	0.21
Benzo[k]fluoranthene	ND	H	0.25	0.21
Bis(2-chloroethoxy)methane	ND	H	0.19	1.0
Bis(2-chloroethyl)ether	ND	H	0.99	1.0
Bis(2-ethylhexyl) phthalate	ND	H	7.9	2.1
Butyl benzyl phthalate	ND	H	1.1	1.0
Carbazole	0.74	J H	0.55	1.0
Chrysene	ND	H	0.18	0.21
Di-n-butyl phthalate	2.6	H B	2.1	1.0
Di-n-octyl phthalate	ND	H	1.9	1.0
Dibenz(a,h)anthracene	ND	H	0.21	0.21
Dibenzofuran	ND	H	0.71	1.0
Diethyl phthalate	ND	H	0.65	1.0
Dimethyl phthalate	ND	H	0.53	1.0
Fluoranthene	0.23	H	0.14	0.21
Fluorene	0.30	H	0.18	0.21
Hexachlorobenzene	ND	H	0.60	1.0
Hexachlorobutadiene	ND	H	0.73	1.0
Hexachlorocyclopentadiene	ND	H	13	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107022.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1559			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND	H	1.1	1.0
Indeno[1,2,3-cd]pyrene	ND	H	0.25	0.21
Isophorone	ND	H	0.22	1.0
N-Nitrosodi-n-propylamine	ND	H	0.83	1.0
N-Nitrosodiphenylamine	ND	H	0.58	1.0
Naphthalene	0.35	H	0.22	0.21
Nitrobenzene	ND	H	0.61	1.0
Pentachlorophenol	ND	H	28	42
Phenanthrene	0.92	H	0.16	0.21
Phenol	ND	H	0.78	1.0
Pyrene	ND	H	0.15	0.21
bis (2-chloroisopropyl) ether	ND	H	0.95	1.0
2,6-Dinitrotoluene	ND	H	1.2	5.2
4-Nitrophenol	ND	H	3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	78		31 - 115
Phenol-d5 (Surr)	40		10 - 110
Nitrobenzene-d5 (Surr)	66		31 - 110
2-Fluorophenol (Surr)	54		15 - 110
2-Fluorobiphenyl (Surr)	60		29 - 110
2,4,6-Tribromophenol (Surr)	61		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107023.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1622			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.4	5.2
2,4,5-Trichlorophenol	ND		1.9	5.2
2,4-Dichlorophenol	ND		1.5	2.1
2,4-Dimethylphenol	ND		1.6	2.1
2,4-Dinitrophenol	ND		32	42
2,4-Dinitrotoluene	ND		1.3	5.2
2-Chlorophenol	ND		0.69	1.0
2-Methylnaphthalene	ND		0.19	0.21
2-Methylphenol	ND		0.98	1.0
2-Nitroaniline	ND		1.6	2.1
2-Nitrophenol	ND		1.1	2.1
3 & 4 Methylphenol	ND		1.8	2.1
3,3'-Dichlorobenzidine	ND		1.8	5.2
3-Nitroaniline	ND		1.4	2.1
4,6-Dinitro-2-methylphenol	ND		2.7	5.2
4-Bromophenyl phenyl ether	ND		1.8	2.1
4-Chloro-3-methylphenol	ND		1.5	2.1
4-Chloroaniline	ND		0.78	2.1
4-Chlorophenyl phenyl ether	ND		1.5	2.1
4-Nitroaniline	ND		1.3	2.1
Acenaphthene	ND		0.23	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.73	1.0
Anthracene	ND		0.16	0.21
Benzo[a]anthracene	ND		0.31	0.21
Benzo[a]pyrene	ND		0.16	0.21
Benzo[b]fluoranthene	ND		0.31	0.21
Benzo[g,h,i]perylene	ND		0.26	0.21
Benzo[k]fluoranthene	ND		0.25	0.21
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.99	1.0
Bis(2-ethylhexyl) phthalate	ND		7.9	2.1
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.55	1.0
Chrysene	ND		0.18	0.21
Di-n-butyl phthalate	2.5	B	2.1	1.0
Di-n-octyl phthalate	ND		1.9	1.0
Dibenz(a,h)anthracene	ND		0.21	0.21
Dibenzofuran	ND		0.71	1.0
Diethyl phthalate	ND		0.65	1.0
Dimethyl phthalate	ND		0.53	1.0
Fluoranthene	ND		0.14	0.21
Fluorene	ND		0.18	0.21
Hexachlorobenzene	ND		0.60	1.0
Hexachlorobutadiene	ND		0.73	1.0
Hexachlorocyclopentadiene	ND		13	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107023.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1622			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.25	0.21
Isophorone	ND		0.22	1.0
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.58	1.0
Naphthalene	0.24		0.22	0.21
Nitrobenzene	ND		0.61	1.0
Pentachlorophenol	ND		28	42
Phenanthrene	ND		0.16	0.21
Phenol	ND		0.78	1.0
Pyrene	ND		0.15	0.21
bis (2-chloroisopropyl) ether	ND		0.95	1.0
2,6-Dinitrotoluene	ND		1.2	5.2
4-Nitrophenol	ND		3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	78		31 - 115
Phenol-d5 (Surr)	45		10 - 110
Nitrobenzene-d5 (Surr)	71		31 - 110
2-Fluorophenol (Surr)	59		15 - 110
2-Fluorobiphenyl (Surr)	68		29 - 110
2,4,6-Tribromophenol (Surr)	73		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107024.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	11/07/2013 1644			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.4	5.4
2,4,5-Trichlorophenol	ND		2.0	5.4
2,4-Dichlorophenol	ND		1.6	2.2
2,4-Dimethylphenol	ND		1.7	2.2
2,4-Dinitrophenol	ND		33	43
2,4-Dinitrotoluene	ND		1.4	5.4
2-Chlorophenol	ND		0.72	1.1
2-Methylnaphthalene	ND		0.20	0.22
2-Methylphenol	ND		1.0	1.1
2-Nitroaniline	ND		1.7	2.2
2-Nitrophenol	ND		1.1	2.2
3 & 4 Methylphenol	ND		1.8	2.2
3,3'-Dichlorobenzidine	ND		1.9	5.4
3-Nitroaniline	ND		1.4	2.2
4,6-Dinitro-2-methylphenol	ND		2.9	5.4
4-Bromophenyl phenyl ether	ND		1.9	2.2
4-Chloro-3-methylphenol	ND		1.5	2.2
4-Chloroaniline	ND		0.81	2.2
4-Chlorophenyl phenyl ether	ND		1.6	2.2
4-Nitroaniline	ND		1.3	2.2
Acenaphthene	ND		0.24	0.22
Acenaphthylene	ND		0.11	0.22
Acetophenone	ND		0.76	1.1
Anthracene	ND		0.17	0.22
Benzo[a]anthracene	ND		0.32	0.22
Benzo[a]pyrene	ND		0.16	0.22
Benzo[b]fluoranthene	ND		0.32	0.22
Benzo[g,h,i]perylene	ND		0.27	0.22
Benzo[k]fluoranthene	ND		0.26	0.22
Bis(2-chloroethoxy)methane	ND		0.20	1.1
Bis(2-chloroethyl)ether	ND		1.0	1.1
Bis(2-ethylhexyl) phthalate	ND		8.3	2.2
Butyl benzyl phthalate	ND		1.2	1.1
Carbazole	ND		0.57	1.1
Chrysene	ND		0.19	0.22
Di-n-butyl phthalate	2.5	B	2.2	1.1
Di-n-octyl phthalate	ND		2.0	1.1
Dibenz(a,h)anthracene	ND		0.22	0.22
Dibenzofuran	ND		0.74	1.1
Diethyl phthalate	ND		0.68	1.1
Dimethyl phthalate	ND		0.55	1.1
Fluoranthene	ND		0.15	0.22
Fluorene	ND		0.18	0.22
Hexachlorobenzene	ND		0.63	1.1
Hexachlorobutadiene	ND		0.77	1.1
Hexachlorocyclopentadiene	ND		13	11

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107024.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	11/07/2013 1644			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.2	1.1
Indeno[1,2,3-cd]pyrene	ND		0.26	0.22
Isophorone	ND		0.23	1.1
N-Nitrosodi-n-propylamine	ND		0.86	1.1
N-Nitrosodiphenylamine	ND		0.61	1.1
Naphthalene	ND		0.23	0.22
Nitrobenzene	ND		0.64	1.1
Pentachlorophenol	ND		30	43
Phenanthrene	ND		0.17	0.22
Phenol	ND		0.82	1.1
Pyrene	ND		0.15	0.22
bis (2-chloroisopropyl) ether	ND		0.99	1.1
2,6-Dinitrotoluene	ND		1.3	5.4
4-Nitrophenol	ND		3.2	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	93		31 - 115
Phenol-d5 (Surr)	51		10 - 110
Nitrobenzene-d5 (Surr)	78		31 - 110
2-Fluorophenol (Surr)	66		15 - 110
2-Fluorobiphenyl (Surr)	72		29 - 110
2,4,6-Tribromophenol (Surr)	77		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107025.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1706			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.4	5.2
2,4,5-Trichlorophenol	ND		1.9	5.2
2,4-Dichlorophenol	ND		1.5	2.1
2,4-Dimethylphenol	ND		1.6	2.1
2,4-Dinitrophenol	ND		32	42
2,4-Dinitrotoluene	ND		1.3	5.2
2-Chlorophenol	ND		0.69	1.0
2-Methylnaphthalene	ND		0.19	0.21
2-Methylphenol	ND		0.98	1.0
2-Nitroaniline	ND		1.6	2.1
2-Nitrophenol	ND		1.1	2.1
3 & 4 Methylphenol	ND		1.8	2.1
3,3'-Dichlorobenzidine	ND		1.8	5.2
3-Nitroaniline	ND		1.4	2.1
4,6-Dinitro-2-methylphenol	ND		2.7	5.2
4-Bromophenyl phenyl ether	ND		1.8	2.1
4-Chloro-3-methylphenol	ND		1.5	2.1
4-Chloroaniline	ND		0.78	2.1
4-Chlorophenyl phenyl ether	ND		1.5	2.1
4-Nitroaniline	ND		1.3	2.1
Acenaphthene	ND		0.23	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.73	1.0
Anthracene	ND		0.16	0.21
Benzo[a]anthracene	ND		0.31	0.21
Benzo[a]pyrene	ND		0.16	0.21
Benzo[b]fluoranthene	ND		0.31	0.21
Benzo[g,h,i]perylene	ND		0.26	0.21
Benzo[k]fluoranthene	ND		0.25	0.21
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.99	1.0
Bis(2-ethylhexyl) phthalate	ND		7.9	2.1
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.55	1.0
Chrysene	ND		0.18	0.21
Di-n-butyl phthalate	2.6	B	2.1	1.0
Di-n-octyl phthalate	ND		1.9	1.0
Dibenz(a,h)anthracene	ND		0.21	0.21
Dibenzofuran	ND		0.71	1.0
Diethyl phthalate	ND		0.65	1.0
Dimethyl phthalate	ND		0.53	1.0
Fluoranthene	ND		0.14	0.21
Fluorene	ND		0.18	0.21
Hexachlorobenzene	ND		0.60	1.0
Hexachlorobutadiene	ND		0.73	1.0
Hexachlorocyclopentadiene	ND		13	10

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108574	Lab File ID:	1107025.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/07/2013 1706			Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.25	0.21
Isophorone	ND		0.22	1.0
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.58	1.0
Naphthalene	ND		0.22	0.21
Nitrobenzene	ND		0.61	1.0
Pentachlorophenol	ND		28	42
Phenanthrene	ND		0.16	0.21
Phenol	ND		0.78	1.0
Pyrene	ND		0.15	0.21
bis (2-chloroisopropyl) ether	ND		0.95	1.0
2,6-Dinitrotoluene	ND		1.2	5.2
4-Nitrophenol	ND		3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	93		31 - 115
Phenol-d5 (Surr)	38		10 - 110
Nitrobenzene-d5 (Surr)	57		31 - 110
2-Fluorophenol (Surr)	49		15 - 110
2-Fluorobiphenyl (Surr)	50		29 - 110
2,4,6-Tribromophenol (Surr)	57		21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0856			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.033	0.20
alpha-BHC	ND		0.028	0.20
alpha-Chlordane	ND		0.056	0.20
beta-BHC	ND		0.034	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.039	0.20
4,4'-DDT	ND		0.064	0.20
delta-BHC	ND		0.035	0.20
Dieldrin	ND		0.030	0.20
Endosulfan I	ND		0.052	0.20
Endosulfan II	ND		0.048	0.20
Endosulfan sulfate	ND		0.044	0.20
Endrin	ND		0.044	0.20
Endrin aldehyde	ND		0.044	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.026	0.20
gamma-Chlordane	ND		0.048	0.20
Heptachlor	ND		0.032	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.40
Toxaphene	ND		1.3	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	61		30 - 121
Tetrachloro-m-xylene	65		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0856			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		30 - 121
Tetrachloro-m-xylene	64		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0916			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.033	0.20
alpha-BHC	ND		0.028	0.20
alpha-Chlordane	ND		0.056	0.20
beta-BHC	ND		0.034	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.039	0.20
4,4'-DDT	ND		0.064	0.20
delta-BHC	ND		0.035	0.20
Dieldrin	ND		0.030	0.20
Endosulfan I	ND		0.052	0.20
Endosulfan II	ND		0.048	0.20
Endosulfan sulfate	ND		0.044	0.20
Endrin	ND		0.044	0.20
Endrin aldehyde	ND		0.044	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.026	0.20
gamma-Chlordane	ND		0.048	0.20
Heptachlor	ND		0.032	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.40
Toxaphene	ND		1.3	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		30 - 121
Tetrachloro-m-xylene	75		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0916			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		30 - 121
Tetrachloro-m-xylene	79		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	240 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0936			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.034	0.21
alpha-BHC	ND		0.029	0.21
alpha-Chlordane	ND		0.058	0.21
beta-BHC	ND		0.035	0.21
4,4'-DDD	ND		0.040	0.21
4,4'-DDE	ND		0.040	0.21
4,4'-DDT	ND		0.067	0.21
delta-BHC	ND		0.036	0.21
Dieldrin	0.087	J	0.031	0.21
Endosulfan I	ND		0.054	0.21
Endosulfan II	ND		0.050	0.21
Endosulfan sulfate	ND		0.046	0.21
Endrin	ND		0.046	0.21
Endrin aldehyde	ND		0.046	0.21
Endrin ketone	ND		0.033	0.21
gamma-BHC (Lindane)	ND		0.027	0.21
gamma-Chlordane	ND		0.050	0.21
Heptachlor	ND		0.033	0.21
Heptachlor epoxide	ND		0.030	0.21
Methoxychlor	ND	*	0.13	0.42
Toxaphene	ND		1.3	8.3

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		30 - 121
Tetrachloro-m-xylene	87		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	240 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0936			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		30 - 121
Tetrachloro-m-xylene	79		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0957			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.033	0.20
alpha-BHC	ND		0.028	0.20
alpha-Chlordane	ND		0.056	0.20
beta-BHC	ND		0.034	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.039	0.20
4,4'-DDT	ND		0.064	0.20
delta-BHC	ND		0.035	0.20
Dieldrin	ND		0.030	0.20
Endosulfan I	ND		0.052	0.20
Endosulfan II	ND		0.048	0.20
Endosulfan sulfate	ND		0.044	0.20
Endrin	ND		0.044	0.20
Endrin aldehyde	ND		0.044	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.026	0.20
gamma-Chlordane	ND		0.048	0.20
Heptachlor	ND		0.032	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.40
Toxaphene	ND		1.3	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		30 - 121
Tetrachloro-m-xylene	88		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 0957			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		30 - 121
Tetrachloro-m-xylene	74		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1017			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.033	0.20
alpha-BHC	ND		0.028	0.20
alpha-Chlordane	ND		0.056	0.20
beta-BHC	0.059	J	0.034	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.039	0.20
4,4'-DDT	ND		0.064	0.20
delta-BHC	ND		0.035	0.20
Dieldrin	ND		0.030	0.20
Endosulfan I	ND		0.052	0.20
Endosulfan II	ND		0.048	0.20
Endosulfan sulfate	ND		0.044	0.20
Endrin	ND		0.044	0.20
Endrin aldehyde	ND		0.044	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.026	0.20
gamma-Chlordane	ND		0.048	0.20
Heptachlor	ND		0.032	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.40
Toxaphene	ND		1.3	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1017			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		30 - 121
Tetrachloro-m-xylene	72		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1037			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.19
alpha-BHC	ND		0.027	0.19
alpha-Chlordane	ND		0.054	0.19
beta-BHC	0.14	J	0.032	0.19
4,4'-DDD	ND		0.037	0.19
4,4'-DDE	ND		0.037	0.19
4,4'-DDT	ND		0.062	0.19
delta-BHC	ND		0.033	0.19
Dieldrin	ND		0.029	0.19
Endosulfan I	ND		0.050	0.19
Endosulfan II	ND		0.046	0.19
Endosulfan sulfate	ND		0.042	0.19
Endrin	ND		0.042	0.19
Endrin aldehyde	ND		0.042	0.19
Endrin ketone	ND		0.030	0.19
gamma-BHC (Lindane)	ND		0.025	0.19
gamma-Chlordane	ND		0.046	0.19
Heptachlor	ND		0.031	0.19
Heptachlor epoxide	ND		0.027	0.19
Methoxychlor	ND	*	0.12	0.38
Toxaphene	ND		1.2	7.7

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		30 - 121
Tetrachloro-m-xylene	71		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	260 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1037			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	255 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1057			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.20
alpha-BHC	ND		0.027	0.20
alpha-Chlordane	ND		0.055	0.20
beta-BHC	ND		0.033	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.038	0.20
4,4'-DDT	0.16	J	0.063	0.20
delta-BHC	ND		0.034	0.20
Dieldrin	0.15	J	0.029	0.20
Endosulfan I	ND		0.051	0.20
Endosulfan II	ND		0.047	0.20
Endosulfan sulfate	ND		0.043	0.20
Endrin	ND		0.043	0.20
Endrin aldehyde	ND		0.043	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.025	0.20
gamma-Chlordane	ND		0.047	0.20
Heptachlor	ND		0.031	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.39
Toxaphene	ND		1.3	7.8

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69		30 - 121
Tetrachloro-m-xylene	73		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	255 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1057			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		30 - 121
Tetrachloro-m-xylene	79		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	255 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1118			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.032	0.20
alpha-BHC	ND		0.027	0.20
alpha-Chlordane	ND		0.055	0.20
beta-BHC	ND		0.033	0.20
4,4'-DDD	ND		0.038	0.20
4,4'-DDE	ND		0.038	0.20
4,4'-DDT	ND		0.063	0.20
delta-BHC	ND		0.034	0.20
Dieldrin	ND		0.029	0.20
Endosulfan I	ND		0.051	0.20
Endosulfan II	ND		0.047	0.20
Endosulfan sulfate	ND		0.043	0.20
Endrin	ND		0.043	0.20
Endrin aldehyde	ND		0.043	0.20
Endrin ketone	ND		0.031	0.20
gamma-BHC (Lindane)	ND		0.025	0.20
gamma-Chlordane	ND		0.047	0.20
Heptachlor	ND		0.031	0.20
Heptachlor epoxide	ND		0.028	0.20
Methoxychlor	ND	*	0.13	0.39
Toxaphene	ND		1.3	7.8

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		30 - 121
Tetrachloro-m-xylene	83		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-108045	Initial Weight/Volume:	255 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/11/2013 1118			Injection Volume:	1 uL
Prep Date:	11/01/2013 0912			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		30 - 121
Tetrachloro-m-xylene	82		40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ03G20131029**

Lab Sample ID: 240-30872-1 Date Sampled: 10/29/2013 0856
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1008			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	5.1	J	3.2	15
Barium	820		0.67	200
Cadmium	ND		0.66	5.0
Chromium	2.9	J	2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1318			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ01G20131029**

Lab Sample ID: 240-30872-3 Date Sampled: 10/29/2013 1129
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1012			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	3.7	J	3.2	15
Barium	140	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	12		2.2	10
Lead	3.6	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1320			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03G20131029**

Lab Sample ID: 240-30872-4 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1016			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	47	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1322			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ03H20131029**

Lab Sample ID: 240-30872-5 Date Sampled: 10/29/2013 1427
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1029			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	47	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1326			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARFDPZ04G20131029**

Lab Sample ID: 240-30872-6 Date Sampled: 10/29/2013 1704
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1033			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	10	J	3.2	15
Barium	150	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	3.1	J	2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1328			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARDCDPZ02G20131030**

Lab Sample ID: 240-30872-7 Date Sampled: 10/30/2013 0910
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1037			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	7.5	J	3.2	15
Barium	180	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	32		2.2	10
Lead	9.1	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1329			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW38G20131030**

Lab Sample ID: 240-30872-8 Date Sampled: 10/30/2013 1240
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1041			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	3.8	J	3.2	15
Barium	75	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	5.1	J	2.2	10
Lead	2.8	J	1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1330			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-30872-1

Client Sample ID: **CARMW40DG20131030**

Lab Sample ID: 240-30872-9 Date Sampled: 10/30/2013 1521
Client Matrix: Water Date Received: 10/31/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-108923	Instrument ID:	I9
Prep Method:	3005A	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1045			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	12	J	3.2	15
Barium	33	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	2.6	J	2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-108862	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1332			Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Indicates an Estimated Value for TICs
	*	LCS or LCSD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-30872-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-108601					
LCS 240-108601/4	Lab Control Sample	T	Water	8260C	
MB 240-108601/6	Method Blank	T	Water	8260C	
240-30872-3	CARFDPZ01G20131029	T	Water	8260C	
Analysis Batch:240-108727					
LCS 240-108727/6	Lab Control Sample	T	Water	8260C	
MB 240-108727/7	Method Blank	T	Water	8260C	
240-30872-1	CARDCDPZ03G20131029	T	Water	8260C	
240-30872-2	CARTRIP102913	T	Water	8260C	
240-30872-4	CARFDPZ03G20131029	T	Water	8260C	
240-30872-5	CARFDPZ03H20131029	T	Water	8260C	
240-30872-6	CARFDPZ04G20131029	T	Water	8260C	
240-30872-7	CARDCDPZ02G20131030	T	Water	8260C	
240-30872-8	CARMW38G20131030	T	Water	8260C	
240-30872-9	CARMW40DG20131030	T	Water	8260C	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30872-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-108574					
LCS 240-108574/11-A	Lab Control Sample	T	Water	3510C	
MB 240-108574/10-A	Method Blank	T	Water	3510C	
240-30872-1	CARDCDPZ03G20131029	T	Water	3510C	
240-30872-4	CARFDPZ03G20131029	T	Water	3510C	
240-30872-5	CARFDPZ03H20131029	T	Water	3510C	
240-30872-6	CARFDPZ04G20131029	T	Water	3510C	
240-30872-7	CARDCDPZ02G20131030	T	Water	3510C	
240-30872-8	CARMW38G20131030	T	Water	3510C	
240-30872-9	CARMW40DG20131030	T	Water	3510C	
Analysis Batch:240-108752					
LCS 240-108574/11-A	Lab Control Sample	T	Water	8270D	240-108574
MB 240-108574/10-A	Method Blank	T	Water	8270D	240-108574
240-30872-1	CARDCDPZ03G20131029	T	Water	8270D	240-108574
240-30872-4	CARFDPZ03G20131029	T	Water	8270D	240-108574
240-30872-5	CARFDPZ03H20131029	T	Water	8270D	240-108574
240-30872-6	CARFDPZ04G20131029	T	Water	8270D	240-108574
240-30872-7	CARDCDPZ02G20131030	T	Water	8270D	240-108574
240-30872-8	CARMW38G20131030	T	Water	8270D	240-108574
240-30872-9	CARMW40DG20131030	T	Water	8270D	240-108574
Prep Batch: 240-108951					
LCS 240-108951/11-A	Lab Control Sample	T	Water	3510C	
MB 240-108951/10-A	Method Blank	T	Water	3510C	
240-30872-3	CARFDPZ01G20131029	T	Water	3510C	
Analysis Batch:240-109956					
LCS 240-108951/11-A	Lab Control Sample	T	Water	8270D	240-108951
MB 240-108951/10-A	Method Blank	T	Water	8270D	240-108951
240-30872-3	CARFDPZ01G20131029	T	Water	8270D	240-108951

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30872-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-108045					
LCS 240-108045/20-A	Lab Control Sample	T	Water	3520C	
MB 240-108045/19-A	Method Blank	T	Water	3520C	
240-30872-1	CARDCDPZ03G20131029	T	Water	3520C	
240-30872-3	CARFDPZ01G20131029	T	Water	3520C	
240-30872-4	CARFDPZ03G20131029	T	Water	3520C	
240-30872-5	CARFDPZ03H20131029	T	Water	3520C	
240-30872-6	CARFDPZ04G20131029	T	Water	3520C	
240-30872-7	CARDCDPZ02G20131030	T	Water	3520C	
240-30872-8	CARMW38G20131030	T	Water	3520C	
240-30872-9	CARMW40DG20131030	T	Water	3520C	
Analysis Batch:240-109145					
LCS 240-108045/20-A	Lab Control Sample	T	Water	8081B	240-108045
MB 240-108045/19-A	Method Blank	T	Water	8081B	240-108045
240-30872-1	CARDCDPZ03G20131029	T	Water	8081B	240-108045
240-30872-3	CARFDPZ01G20131029	T	Water	8081B	240-108045
240-30872-4	CARFDPZ03G20131029	T	Water	8081B	240-108045
240-30872-5	CARFDPZ03H20131029	T	Water	8081B	240-108045
240-30872-6	CARFDPZ04G20131029	T	Water	8081B	240-108045
240-30872-7	CARDCDPZ02G20131030	T	Water	8081B	240-108045
240-30872-8	CARMW38G20131030	T	Water	8081B	240-108045
240-30872-9	CARMW40DG20131030	T	Water	8081B	240-108045

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-30872-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-108583					
LCS 240-108583/2-A	Lab Control Sample	R	Water	3005A	
MB 240-108583/1-A	Method Blank	R	Water	3005A	
240-30872-1	CARDCDPZ03G20131029	R	Water	3005A	
240-30872-3	CARFDPZ01G20131029	R	Water	3005A	
240-30872-4	CARFDPZ03G20131029	R	Water	3005A	
240-30872-5	CARFDPZ03H20131029	R	Water	3005A	
240-30872-6	CARFDPZ04G20131029	R	Water	3005A	
240-30872-7	CARDCDPZ02G20131030	R	Water	3005A	
240-30872-8	CARMW38G20131030	R	Water	3005A	
240-30872-9	CARMW40DG20131030	R	Water	3005A	
Prep Batch: 240-108588					
LCS 240-108588/2-A	Lab Control Sample	T	Water	7470A	
MB 240-108588/1-A	Method Blank	T	Water	7470A	
240-30872-1	CARDCDPZ03G20131029	T	Water	7470A	
240-30872-3	CARFDPZ01G20131029	T	Water	7470A	
240-30872-4	CARFDPZ03G20131029	T	Water	7470A	
240-30872-5	CARFDPZ03H20131029	T	Water	7470A	
240-30872-6	CARFDPZ04G20131029	T	Water	7470A	
240-30872-7	CARDCDPZ02G20131030	T	Water	7470A	
240-30872-8	CARMW38G20131030	T	Water	7470A	
240-30872-9	CARMW40DG20131030	T	Water	7470A	
Analysis Batch:240-108862					
LCS 240-108588/2-A	Lab Control Sample	T	Water	7470A	240-108588
MB 240-108588/1-A	Method Blank	T	Water	7470A	240-108588
240-30872-1	CARDCDPZ03G20131029	T	Water	7470A	240-108588
240-30872-3	CARFDPZ01G20131029	T	Water	7470A	240-108588
240-30872-4	CARFDPZ03G20131029	T	Water	7470A	240-108588
240-30872-5	CARFDPZ03H20131029	T	Water	7470A	240-108588
240-30872-6	CARFDPZ04G20131029	T	Water	7470A	240-108588
240-30872-7	CARDCDPZ02G20131030	T	Water	7470A	240-108588
240-30872-8	CARMW38G20131030	T	Water	7470A	240-108588
240-30872-9	CARMW40DG20131030	T	Water	7470A	240-108588

Client: EnSafe, Inc. Job Number: 240-30872-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-108923					
LCS 240-108583/2-A	Lab Control Sample	R	Water	6010C	240-108583
MB 240-108583/1-A	Method Blank	R	Water	6010C	240-108583
240-30872-1	CARDCDPZ03G20131029	R	Water	6010C	240-108583
240-30872-3	CARFDPZ01G20131029	R	Water	6010C	240-108583
240-30872-4	CARFDPZ03G20131029	R	Water	6010C	240-108583
240-30872-5	CARFDPZ03H20131029	R	Water	6010C	240-108583
240-30872-6	CARFDPZ04G20131029	R	Water	6010C	240-108583
240-30872-7	CARDCDPZ02G20131030	R	Water	6010C	240-108583
240-30872-8	CARMW38G20131030	R	Water	6010C	240-108583
240-30872-9	CARMW40DG20131030	R	Water	6010C	240-108583

Report Basis

R = Total Recoverable

T = Total

Client: EnSafe, Inc. Job Number: 240-30872-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
MRL 240-108601/5		91	102	98	96
MRL 240-108727/5		99	113	110	106

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150

Client: EnSafe, Inc. Job Number: 240-30872-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-30872-1	CARDCDPZ03G20131029	111	121	119	114
240-30872-2	CARTRIP102913	102	105	106	106
240-30872-3	CARFDPZ01G20131029	92	101	93	95
240-30872-4	CARFDPZ03G20131029	106	118	119	112
240-30872-5	CARFDPZ03H20131029	107	116	117	113
240-30872-6	CARFDPZ04G20131029	103	114	107	106
240-30872-7	CARDCDPZ02G20131030	98	104	103	100
240-30872-8	CARMW38G20131030	105	111	111	109
240-30872-9	CARMW40DG20131030	99	113	111	106
MB 240-108601/6		85	95	90	91
MB 240-108727/7		110	116	113	111
LCS 240-108601/4		96	102	100	98
LCS 240-108727/6		105	112	115	108

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-30872-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-30872-1	CARDCDPZ03G20131029	88	46	68	61	64	81
240-30872-3	CARFDPZ01G20131029	83	41	78	61	72	72
240-30872-4	CARFDPZ03G20131029	80	42	59	55	55	63
240-30872-5	CARFDPZ03H20131029	89	45	77	61	68	77
240-30872-6	CARFDPZ04G20131029	78	40	66	54	60	61
240-30872-7	CARDCDPZ02G20131030	78	45	71	59	68	73
240-30872-8	CARMW38G20131030	93	51	78	66	72	77
240-30872-9	CARMW40DG20131030	93	38	57	49	50	57
MB 240-108574/10-A		95	48	77	65	74	58
MB 240-108951/10-A		92	44	70	57	69	53
LCS 240-108574/11-A		102	56	82	71	79	85
LCS 240-108951/11-A		101	52	91	69	86	94

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	31-115
PHL = Phenol-d5 (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	31-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl (Surr)	29-110
TBP = 2,4,6-Tribromophenol (Surr)	21-128

Client: EnSafe, Inc.

Job Number: 240-30872-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-30872-1	CARDCDPZ03G2013 1029	65	61	64	65
240-30872-3	CARFDPZ01G201310 29	84	81	79	75
240-30872-4	CARFDPZ03G201310 29	88	88	79	87
240-30872-5	CARFDPZ03H201310 29	69	66	74	88
240-30872-6	CARFDPZ04G201310 29	87	83	72	69
240-30872-7	CARDCDPZ02G2013 1030	62	59	69	71
240-30872-8	CARMW38G2013103 0	73	69	79	73
240-30872-9	CARMW40DG201310 30	80	75	82	83
MB 240-108045/19-A		84	79	87	87
LCS 240-108045/20-A		85	78	89	86

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-121
TCX = Tetrachloro-m-xylene	40-120

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.53	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108601/6	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1138	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1138				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	85	66 - 117
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	90	63 - 129
Toluene-d8 (Surr)	91	74 - 115

Method Blank TICs- Batch: 240-108601

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	75.6	151	43 - 136	*
Benzene	25.0	27.1	108	83 - 112	
Bromoform	25.0	27.8	111	40 - 131	
Bromomethane	25.0	23.2	93	11 - 185	
2-Butanone (MEK)	50.0	69.0	138	60 - 126	*
Carbon disulfide	25.0	29.2	117	62 - 142	
Carbon tetrachloride	25.0	28.0	112	66 - 128	
Chlorobenzene	25.0	27.0	108	85 - 110	
Chlorodibromomethane	25.0	31.0	124	64 - 119	*
Chloroethane	25.0	23.4	93	25 - 153	
Chloroform	25.0	28.8	115	79 - 117	
Chloromethane	25.0	22.2	89	44 - 126	
cis-1,2-Dichloroethene	25.0	28.1	112	80 - 113	
cis-1,3-Dichloropropene	25.0	30.7	123	61 - 115	*
1,2-Dibromo-3-Chloropropane	25.0	30.5	122	42 - 136	
1,2-Dichlorobenzene	25.0	26.2	105	81 - 110	
1,3-Dichlorobenzene	25.0	26.0	104	80 - 110	
1,4-Dichlorobenzene	25.0	25.6	103	82 - 110	
Dichlorobromomethane	25.0	30.5	122	72 - 121	*
Dichlorodifluoromethane	25.0	21.9	88	19 - 129	
1,1-Dichloroethane	25.0	28.3	113	82 - 115	
1,2-Dichloroethane	25.0	29.7	119	71 - 127	
1,1-Dichloroethene	25.0	28.1	113	78 - 131	
1,2-Dichloropropane	25.0	27.6	110	81 - 115	
Ethylbenzene	25.0	27.4	110	83 - 112	
Ethylene Dibromide	25.0	30.1	120	79 - 113	*
2-Hexanone	50.0	63.5	127	55 - 133	
Isopropylbenzene	25.0	28.6	114	75 - 114	
Methylene Chloride	25.0	24.0	96	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	66.3	133	63 - 128	*
Methyl tert-butyl ether	25.0	30.2	121	52 - 144	
m-Xylene & p-Xylene	25.0	27.6	110	83 - 113	
o-Xylene	25.0	27.6	111	83 - 113	
Styrene	25.0	28.2	113	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	28.2	113	68 - 118	
Tetrachloroethene	25.0	27.8	111	79 - 114	
Toluene	25.0	24.6	98	84 - 111	
trans-1,2-Dichloroethene	25.0	28.6	114	83 - 117	
trans-1,3-Dichloropropene	25.0	32.7	131	58 - 117	*
1,2,4-Trichlorobenzene	25.0	26.8	107	48 - 135	
1,1,1-Trichloroethane	25.0	29.5	118	74 - 118	

Lab Control Sample - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108601/4	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1052	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	27.6	110	80 - 112	
Trichloroethene	25.0	28.6	115	76 - 117	
Trichlorofluoromethane	25.0	25.0	100	49 - 157	
Vinyl chloride	25.0	24.6	98	53 - 127	
Xylenes, Total	50.0	55.2	110	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	96	66 - 117
Dibromofluoromethane (Surr)	102	75 - 121
1,2-Dichloroethane-d4 (Surr)	100	63 - 129
Toluene-d8 (Surr)	98	74 - 115

Method Reporting Limit Check - Batch: 240-108601

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108601/5	Analysis Batch:	240-108601	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1467.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/06/2013 1115	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/06/2013 1115				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromoform	0.00100	ND	131	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	120	10 - 150	
2-Hexanone	0.0100	ND	90	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	83	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	91	10 - 150
Dibromofluoromethane (Surr)	102	10 - 150
1,2-Dichloroethane-d4 (Surr)	98	10 - 150
Toluene-d8 (Surr)	96	10 - 150

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108727

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108727/7	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U1233605.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2011	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2011				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.335	J	0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108727

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-108727/7	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U1233605.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 2011	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 2011				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	110	66 - 117
Dibromofluoromethane (Surr)	116	75 - 121
1,2-Dichloroethane-d4 (Surr)	113	63 - 129
Toluene-d8 (Surr)	111	74 - 115

Method Blank TICs- Batch: 240-108727

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108727

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108727/6	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U1233602.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 1903	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 1903				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	39.1	98	43 - 136	
Benzene	20.0	19.4	97	83 - 112	
Bromoform	20.0	14.9	75	40 - 131	
Bromomethane	20.0	19.6	98	11 - 185	
2-Butanone (MEK)	40.0	38.0	95	60 - 126	
Carbon disulfide	20.0	26.4	132	62 - 142	
Carbon tetrachloride	20.0	23.4	117	66 - 128	
Chlorobenzene	20.0	20.1	101	85 - 110	
Chlorodibromomethane	20.0	17.9	89	64 - 119	
Chloroethane	20.0	18.4	92	25 - 153	
Chloroform	20.0	20.0	100	79 - 117	
Chloromethane	20.0	17.1	85	44 - 126	
cis-1,2-Dichloroethene	20.0	19.0	95	80 - 113	
cis-1,3-Dichloropropene	20.0	17.6	88	61 - 115	
1,2-Dibromo-3-Chloropropane	20.0	19.6	98	42 - 136	
1,2-Dichlorobenzene	20.0	20.1	101	81 - 110	
1,3-Dichlorobenzene	20.0	20.0	100	80 - 110	
1,4-Dichlorobenzene	20.0	19.3	97	82 - 110	
Dichlorobromomethane	20.0	19.5	98	72 - 121	
Dichlorodifluoromethane	20.0	13.8	69	19 - 129	
1,1-Dichloroethane	20.0	20.0	100	82 - 115	
1,2-Dichloroethane	20.0	21.4	107	71 - 127	
1,1-Dichloroethene	20.0	19.0	95	78 - 131	
1,2-Dichloropropane	20.0	20.1	101	81 - 115	
Ethylbenzene	20.0	19.2	96	83 - 112	
Ethylene Dibromide	20.0	20.2	101	79 - 113	
2-Hexanone	40.0	43.9	110	55 - 133	
Isopropylbenzene	20.0	19.4	97	75 - 114	
Methylene Chloride	20.0	19.5	98	66 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	38.5	96	63 - 128	
Methyl tert-butyl ether	20.0	19.0	95	52 - 144	
m-Xylene & p-Xylene	20.0	20.2	101	83 - 113	
o-Xylene	20.0	19.6	98	83 - 113	
Styrene	20.0	19.7	98	79 - 114	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	68 - 118	
Tetrachloroethene	20.0	20.1	101	79 - 114	
Toluene	20.0	19.7	99	84 - 111	
trans-1,2-Dichloroethene	20.0	19.8	99	83 - 117	
trans-1,3-Dichloropropene	20.0	19.3	96	58 - 117	
1,2,4-Trichlorobenzene	20.0	20.0	100	48 - 135	
1,1,1-Trichloroethane	20.0	23.3	117	74 - 118	

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108727

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-108727/6	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U1233602.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 1903	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 1903				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	20.0	19.1	95	80 - 112	
Trichloroethene	20.0	20.6	103	76 - 117	
Trichlorofluoromethane	20.0	19.4	97	49 - 157	
Vinyl chloride	20.0	17.1	85	53 - 127	
Xylenes, Total	40.0	39.8	100	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	105	66 - 117
Dibromofluoromethane (Surr)	112	75 - 121
1,2-Dichloroethane-d4 (Surr)	115	63 - 129
Toluene-d8 (Surr)	108	74 - 115

Method Reporting Limit Check - Batch: 240-108727

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108727/5	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U1233604.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 1947	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 1947				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	0.0100	ND	76	10 - 150	
Benzene	0.00100	ND	110	10 - 150	
Bromoform	0.00100	ND	34	10 - 150	
Bromomethane	0.00100	ND	108	10 - 150	
2-Butanone (MEK)	0.0100	ND	94	10 - 150	
Carbon disulfide	0.00100	ND	65	10 - 150	
Carbon tetrachloride	0.00100	ND	106	10 - 150	
Chlorobenzene	0.00100	ND	115	10 - 150	
Chlorodibromomethane	0.00100	ND	50	10 - 150	
Chloroethane	0.00100	ND	90	10 - 150	
Chloroform	0.00100	ND	104	10 - 150	
Chloromethane	0.00100	ND	121	10 - 150	
cis-1,2-Dichloroethene	0.00100	ND	105	10 - 150	
cis-1,3-Dichloropropene	0.00100	ND	59	10 - 150	
1,2-Dibromo-3-Chloropropane	0.00100	ND	35	10 - 150	
1,2-Dichlorobenzene	0.00100	ND	109	10 - 150	
1,3-Dichlorobenzene	0.00100	ND	114	10 - 150	

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Reporting Limit Check - Batch: 240-108727

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-108727/5	Analysis Batch:	240-108727	Instrument ID:	A3UX12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U1233604.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2013 1947	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 1947				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	0.00100	ND	109	10 - 150	
Dichlorobromomethane	0.00100	ND	89	10 - 150	
Dichlorodifluoromethane	0.00100	ND	123	10 - 150	
1,1-Dichloroethane	0.00100	ND	103	10 - 150	
1,2-Dichloroethane	0.00100	ND	111	10 - 150	
1,1-Dichloroethene	0.00100	ND	52	10 - 150	
1,2-Dichloropropane	0.00100	ND	101	10 - 150	
Ethylbenzene	0.00100	ND	105	10 - 150	
Ethylene Dibromide	0.00100	ND	102	10 - 150	
2-Hexanone	0.0100	ND	95	10 - 150	
Isopropylbenzene	0.00100	ND	105	10 - 150	
Methylene Chloride	0.00100	ND	98	10 - 150	
4-Methyl-2-pentanone (MIBK)	0.0100	ND	97	10 - 150	
Methyl tert-butyl ether	0.00100	ND	113	10 - 150	
m-Xylene & p-Xylene	0.00100	ND	103	10 - 150	
o-Xylene	0.00100	ND	106	10 - 150	
Styrene	0.00100	ND	110	10 - 150	
1,1,2,2-Tetrachloroethane	0.00100	ND	101	10 - 150	
Tetrachloroethene	0.00100	ND	144	10 - 150	
Toluene	0.00100	ND	98	10 - 150	
trans-1,2-Dichloroethene	0.00100	ND	92	10 - 150	
trans-1,3-Dichloropropene	0.00100	ND	45	10 - 150	
1,2,4-Trichlorobenzene	0.00100	ND	108	10 - 150	
1,1,1-Trichloroethane	0.00100	ND	101	10 - 150	
1,1,2-Trichloroethane	0.00100	ND	107	10 - 150	
Trichloroethene	0.00100	ND	97	10 - 150	
Trichlorofluoromethane	0.00100	ND	172	10 - 150	^
Vinyl chloride	0.00100	ND	94	10 - 150	
Xylenes, Total	0.00200	ND	0	10 - 150	^

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	99	10 - 150
Dibromofluoromethane (Surr)	113	10 - 150
1,2-Dichloroethane-d4 (Surr)	110	10 - 150
Toluene-d8 (Surr)	106	10 - 150

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108574 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	MB 240-108574/10-A	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108574	Lab File ID:	1107006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/07/2013 1003	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		1.3	5.0
2,4,5-Trichlorophenol	ND		1.8	5.0
2,4-Dichlorophenol	ND		1.5	2.0
2,4-Dimethylphenol	ND		1.6	2.0
2,4-Dinitrophenol	ND		31	40
2,4-Dinitrotoluene	ND		1.3	5.0
2-Chlorophenol	ND		0.66	1.0
2-Methylnaphthalene	ND		0.19	0.20
2-Methylphenol	ND		0.94	1.0
2-Nitroaniline	ND		1.5	2.0
2-Nitrophenol	ND		1.0	2.0
3 & 4 Methylphenol	ND		1.7	2.0
3,3'-Dichlorobenzidine	ND		1.8	5.0
3-Nitroaniline	ND		1.3	2.0
4,6-Dinitro-2-methylphenol	ND		2.6	5.0
4-Bromophenyl phenyl ether	ND		1.7	2.0
4-Chloro-3-methylphenol	ND		1.4	2.0
4-Chloroaniline	ND		0.75	2.0
4-Chlorophenyl phenyl ether	ND		1.5	2.0
4-Nitroaniline	ND		1.2	2.0
Acenaphthene	ND		0.22	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.70	1.0
Anthracene	ND		0.16	0.20
Benzo[a]anthracene	ND		0.30	0.20
Benzo[a]pyrene	ND		0.15	0.20
Benzo[b]fluoranthene	ND		0.30	0.20
Benzo[g,h,i]perylene	ND		0.25	0.20
Benzo[k]fluoranthene	ND		0.24	0.20
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.95	1.0
Bis(2-ethylhexyl) phthalate	ND		7.6	2.0
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.53	1.0
Chrysene	ND		0.18	0.20
Di-n-butyl phthalate	3.29		2.0	1.0
Di-n-octyl phthalate	ND		1.8	1.0
Dibenz(a,h)anthracene	ND		0.20	0.20
Dibenzofuran	ND		0.69	1.0
Diethyl phthalate	ND		0.63	1.0
Dimethyl phthalate	ND		0.51	1.0
Fluoranthene	ND		0.14	0.20
Fluorene	ND		0.17	0.20
Hexachlorobenzene	ND		0.58	1.0
Hexachlorobutadiene	ND		0.71	1.0

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108574

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-108574/10-A	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108574	Lab File ID:	1107006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/07/2013 1003	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		12	10
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.24	0.20
Isophorone	ND		0.21	1.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.56	1.0
Naphthalene	ND		0.22	0.20
Nitrobenzene	ND		0.59	1.0
Pentachlorophenol	ND		27	40
Phenanthrene	ND		0.16	0.20
Phenol	ND		0.75	1.0
Pyrene	ND		0.14	0.20
bis (2-chloroisopropyl) ether	ND		0.92	1.0
2,6-Dinitrotoluene	ND		1.2	5.0
4-Nitrophenol	ND		2.9	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	95	31 - 115
Phenol-d5 (Surr)	48	10 - 110
Nitrobenzene-d5 (Surr)	77	31 - 110
2-Fluorophenol (Surr)	65	15 - 110
2-Fluorobiphenyl (Surr)	74	29 - 110
2,4,6-Tribromophenol (Surr)	58	21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108574

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108574/11-A	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108574	Lab File ID:	1107007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/07/2013 1025	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	8.00	6.74	84	40 - 160	
2,4,5-Trichlorophenol	8.00	6.20	77	20 - 120	
2,4-Dichlorophenol	8.00	6.39	80	40 - 160	
2,4-Dimethylphenol	8.00	6.48	81	10 - 120	
2,4-Dinitrophenol	16.0	ND	66	20 - 120	
2,4-Dinitrotoluene	8.00	6.78	85	40 - 160	
2-Chlorophenol	8.00	6.37	80	40 - 160	
2-Methylnaphthalene	8.00	5.83	73	40 - 160	
2-Methylphenol	8.00	6.29	79	20 - 120	
2-Nitroaniline	8.00	6.42	80	40 - 160	
2-Nitrophenol	8.00	6.65	83	40 - 160	
3 & 4 Methylphenol	8.00	6.19	77	40 - 160	
3,3'-Dichlorobenzidine	16.0	9.83	61	10 - 120	
3-Nitroaniline	8.00	7.04	88	40 - 160	
4,6-Dinitro-2-methylphenol	16.0	12.1	76	40 - 160	
4-Bromophenyl phenyl ether	8.00	6.57	82	40 - 160	
4-Chloro-3-methylphenol	8.00	6.94	87	40 - 160	
4-Chloroaniline	8.00	6.71	84	10 - 120	
4-Chlorophenyl phenyl ether	8.00	6.29	79	40 - 160	
4-Nitroaniline	8.00	6.81	85	40 - 160	
Acenaphthene	8.00	6.33	79	40 - 160	
Acenaphthylene	8.00	6.03	75	40 - 160	
Acetophenone	8.00	6.89	86	40 - 160	
Anthracene	8.00	6.37	80	40 - 160	
Benzo[a]anthracene	8.00	6.53	82	40 - 160	
Benzo[a]pyrene	8.00	6.73	84	40 - 160	
Benzo[b]fluoranthene	8.00	6.69	84	40 - 160	
Benzo[g,h,i]perylene	8.00	7.20	90	40 - 160	
Benzo[k]fluoranthene	8.00	6.55	82	40 - 160	
Bis(2-chloroethoxy)methane	8.00	6.74	84	40 - 160	
Bis(2-chloroethyl)ether	8.00	6.44	80	40 - 160	
Bis(2-ethylhexyl) phthalate	8.00	7.89	99	40 - 160	
Butyl benzyl phthalate	8.00	7.03	88	40 - 160	
Carbazole	8.00	7.18	90	40 - 160	
Chrysene	8.00	6.81	85	40 - 160	
Di-n-butyl phthalate	8.00	9.54	119	40 - 160	
Di-n-octyl phthalate	8.00	7.71	96	40 - 160	
Dibenz(a,h)anthracene	8.00	7.11	89	40 - 160	
Dibenzofuran	8.00	6.20	78	40 - 160	
Diethyl phthalate	8.00	7.00	87	40 - 160	
Dimethyl phthalate	8.00	6.82	85	40 - 160	

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108574 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	LCS 240-108574/11-A	Analysis Batch:	240-108752	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108574	Lab File ID:	1107007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/07/2013 1025	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/06/2013 0817			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	8.00	6.74	84	40 - 160	
Fluorene	8.00	6.31	79	40 - 160	
Hexachlorobenzene	8.00	6.40	80	40 - 160	
Hexachlorobutadiene	8.00	4.62	58	40 - 160	
Hexachlorocyclopentadiene	8.00	ND	46	40 - 160	
Hexachloroethane	8.00	4.86	61	40 - 160	
Indeno[1,2,3-cd]pyrene	8.00	7.24	90	40 - 160	
Isophorone	8.00	6.58	82	40 - 160	
N-Nitrosodi-n-propylamine	8.00	6.59	82	40 - 160	
N-Nitrosodiphenylamine	16.0	12.9	80	40 - 160	
Naphthalene	8.00	5.63	70	40 - 160	
Nitrobenzene	8.00	6.36	79	40 - 160	
Pentachlorophenol	16.0	ND	72	10 - 120	
Phenanthrene	8.00	6.62	83	40 - 160	
Phenol	8.00	4.56	57	10 - 120	
Pyrene	8.00	6.72	84	40 - 160	
bis (2-chloroisopropyl) ether	8.00	5.94	74	40 - 160	
2,6-Dinitrotoluene	8.00	7.05	88	40 - 160	
4-Nitrophenol	16.0	9.89	62	10 - 120	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	102	31 - 115
Phenol-d5 (Surr)	56	10 - 110
Nitrobenzene-d5 (Surr)	82	31 - 110
2-Fluorophenol (Surr)	71	15 - 110
2-Fluorobiphenyl (Surr)	79	29 - 110
2,4,6-Tribromophenol (Surr)	85	21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108951 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	MB 240-108951/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1403	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		1.3	5.0
2,4,5-Trichlorophenol	ND		1.8	5.0
2,4-Dichlorophenol	ND		1.5	2.0
2,4-Dimethylphenol	ND		1.6	2.0
2,4-Dinitrophenol	ND		31	40
2,4-Dinitrotoluene	ND		1.3	5.0
2-Chlorophenol	ND		0.66	1.0
2-Methylnaphthalene	ND		0.19	0.20
2-Methylphenol	ND		0.94	1.0
2-Nitroaniline	ND		1.5	2.0
2-Nitrophenol	ND		1.0	2.0
3 & 4 Methylphenol	ND		1.7	2.0
3,3'-Dichlorobenzidine	ND		1.8	5.0
3-Nitroaniline	ND		1.3	2.0
4,6-Dinitro-2-methylphenol	ND		2.6	5.0
4-Bromophenyl phenyl ether	ND		1.7	2.0
4-Chloro-3-methylphenol	ND		1.4	2.0
4-Chloroaniline	ND		0.75	2.0
4-Chlorophenyl phenyl ether	ND		1.5	2.0
4-Nitroaniline	ND		1.2	2.0
Acenaphthene	ND		0.22	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.70	1.0
Anthracene	ND		0.16	0.20
Benzo[a]anthracene	ND		0.30	0.20
Benzo[a]pyrene	ND		0.15	0.20
Benzo[b]fluoranthene	ND		0.30	0.20
Benzo[g,h,i]perylene	ND		0.25	0.20
Benzo[k]fluoranthene	ND		0.24	0.20
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.95	1.0
Bis(2-ethylhexyl) phthalate	ND		7.6	2.0
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.53	1.0
Chrysene	ND		0.18	0.20
Di-n-butyl phthalate	ND		2.0	1.0
Di-n-octyl phthalate	ND		1.8	1.0
Dibenz(a,h)anthracene	ND		0.20	0.20
Dibenzofuran	ND		0.69	1.0
Diethyl phthalate	ND		0.63	1.0
Dimethyl phthalate	ND		0.51	1.0
Fluoranthene	ND		0.14	0.20
Fluorene	ND		0.17	0.20
Hexachlorobenzene	ND		0.58	1.0
Hexachlorobutadiene	ND		0.71	1.0

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-108951/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1403	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		12	10
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.24	0.20
Isophorone	ND		0.21	1.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.56	1.0
Naphthalene	ND		0.22	0.20
Nitrobenzene	ND		0.59	1.0
Pentachlorophenol	ND		27	40
Phenanthrene	ND		0.16	0.20
Phenol	ND		0.75	1.0
Pyrene	ND		0.14	0.20
bis (2-chloroisopropyl) ether	ND		0.92	1.0
2,6-Dinitrotoluene	ND		1.2	5.0
4-Nitrophenol	ND		2.9	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	92	31 - 115
Phenol-d5 (Surr)	44	10 - 110
Nitrobenzene-d5 (Surr)	70	31 - 110
2-Fluorophenol (Surr)	57	15 - 110
2-Fluorobiphenyl (Surr)	69	29 - 110
2,4,6-Tribromophenol (Surr)	53	21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108951/11-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1426	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	8.00	6.59	82	40 - 160	
2,4,5-Trichlorophenol	8.00	6.58	82	20 - 120	
2,4-Dichlorophenol	8.00	7.24	91	40 - 160	
2,4-Dimethylphenol	8.00	7.55	94	10 - 120	
2,4-Dinitrophenol	16.0	ND	64	20 - 120	
2,4-Dinitrotoluene	8.00	6.93	87	40 - 160	
2-Chlorophenol	8.00	6.24	78	40 - 160	
2-Methylnaphthalene	8.00	5.75	72	40 - 160	
2-Methylphenol	8.00	6.33	79	20 - 120	
2-Nitroaniline	8.00	6.45	81	40 - 160	
2-Nitrophenol	8.00	6.75	84	40 - 160	
3 & 4 Methylphenol	8.00	6.19	77	40 - 160	
3,3'-Dichlorobenzidine	16.0	8.85	55	10 - 120	
3-Nitroaniline	8.00	6.97	87	40 - 160	
4,6-Dinitro-2-methylphenol	16.0	10.2	64	40 - 160	
4-Bromophenyl phenyl ether	8.00	6.16	77	40 - 160	
4-Chloro-3-methylphenol	8.00	6.69	84	40 - 160	
4-Chloroaniline	8.00	4.25	53	10 - 120	
4-Chlorophenyl phenyl ether	8.00	6.41	80	40 - 160	
4-Nitroaniline	8.00	6.92	86	40 - 160	
Acenaphthene	8.00	6.24	78	40 - 160	
Acenaphthylene	8.00	6.08	76	40 - 160	
Acetophenone	8.00	7.09	89	40 - 160	
Anthracene	8.00	6.17	77	40 - 160	
Benzo[a]anthracene	8.00	5.94	74	40 - 160	
Benzo[a]pyrene	8.00	6.10	76	40 - 160	
Benzo[b]fluoranthene	8.00	6.14	77	40 - 160	
Benzo[g,h,i]perylene	8.00	6.08	76	40 - 160	
Benzo[k]fluoranthene	8.00	6.20	78	40 - 160	
Bis(2-chloroethoxy)methane	8.00	7.05	88	40 - 160	
Bis(2-chloroethyl)ether	8.00	6.47	81	40 - 160	
Bis(2-ethylhexyl) phthalate	8.00	ND	87	40 - 160	
Butyl benzyl phthalate	8.00	6.53	82	40 - 160	
Carbazole	8.00	6.92	86	40 - 160	
Chrysene	8.00	5.81	73	40 - 160	
Di-n-butyl phthalate	8.00	8.34	104	40 - 160	
Di-n-octyl phthalate	8.00	6.28	78	40 - 160	
Dibenz(a,h)anthracene	8.00	6.04	76	40 - 160	
Dibenzofuran	8.00	6.36	80	40 - 160	
Diethyl phthalate	8.00	7.18	90	40 - 160	
Dimethyl phthalate	8.00	6.87	86	40 - 160	

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108951/11-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1426	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	8.00	6.22	78	40 - 160	
Fluorene	8.00	6.55	82	40 - 160	
Hexachlorobenzene	8.00	5.53	69	40 - 160	
Hexachlorobutadiene	8.00	4.22	53	40 - 160	
Hexachlorocyclopentadiene	8.00	ND	44	40 - 160	
Hexachloroethane	8.00	4.17	52	40 - 160	
Indeno[1,2,3-cd]pyrene	8.00	6.00	75	40 - 160	
Isophorone	8.00	7.69	96	40 - 160	
N-Nitrosodi-n-propylamine	8.00	7.34	92	40 - 160	
N-Nitrosodiphenylamine	16.0	13.1	82	40 - 160	
Naphthalene	8.00	5.63	70	40 - 160	
Nitrobenzene	8.00	6.71	84	40 - 160	
Pentachlorophenol	16.0	ND	73	10 - 120	
Phenanthrene	8.00	6.14	77	40 - 160	
Phenol	8.00	3.99	50	10 - 120	
Pyrene	8.00	5.96	75	40 - 160	
bis (2-chloroisopropyl) ether	8.00	6.53	82	40 - 160	
2,6-Dinitrotoluene	8.00	7.32	91	40 - 160	
4-Nitrophenol	16.0	7.87	49	10 - 120	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	101	31 - 115
Phenol-d5 (Surr)	52	10 - 110
Nitrobenzene-d5 (Surr)	91	31 - 110
2-Fluorophenol (Surr)	69	15 - 110
2-Fluorobiphenyl (Surr)	86	29 - 110
2,4,6-Tribromophenol (Surr)	94	21 - 128

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108045

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-108045/19-A	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-108045	Lab File ID:	P3111118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/11/2013 0755	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/01/2013 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	30 - 121
Tetrachloro-m-xylene	87	40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Lab Control Sample - Batch: 240-108045

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-108045/20-A	Analysis Batch:	240-109145	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-108045	Lab File ID:	P3111129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/11/2013 1138	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/01/2013 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.519	104	40 - 155	
alpha-BHC	0.500	0.562	112	52 - 160	
alpha-Chlordane	0.500	0.553	111	44 - 160	
beta-BHC	0.500	0.540	108	60 - 160	
4,4'-DDD	0.500	0.549	110	61 - 160	
4,4'-DDE	0.500	0.585	117	50 - 160	
4,4'-DDT	0.500	0.715	143	43 - 158	
delta-BHC	0.500	0.522	104	55 - 167	
Dieldrin	0.500	0.561	112	62 - 160	
Endosulfan I	0.500	0.445	89	58 - 154	
Endosulfan II	0.500	0.549	110	56 - 145	
Endosulfan sulfate	0.500	0.627	125	64 - 151	
Endrin	0.500	0.607	121	59 - 156	
Endrin aldehyde	0.500	0.582	116	58 - 136	
Endrin ketone	0.500	0.621	124	51 - 138	
gamma-BHC (Lindane)	0.500	0.587	117	65 - 158	
gamma-Chlordane	0.500	0.556	111	58 - 160	
Heptachlor	0.500	0.564	113	40 - 143	
Heptachlor epoxide	0.500	0.552	110	61 - 160	
Methoxychlor	0.500	0.849	170	44 - 144	*

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	30 - 121
Tetrachloro-m-xylene	86	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	30 - 121
Tetrachloro-m-xylene	89	40 - 120

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-108583/1-A	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0903	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	ND		0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-108583

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-108583/2-A	Analysis Batch:	240-108923	Instrument ID:	I9
Client Matrix:	Water	Prep Batch:	240-108583	Lab File ID:	I9110713A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 0907	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1950	97	80 - 120	
Barium	2000	1910	96	80 - 120	
Cadmium	50.0	50.8	102	80 - 120	
Chromium	200	188	94	80 - 120	
Lead	500	459	92	80 - 120	
Selenium	2000	1930	96	80 - 120	
Silver	50.0	50.0	100	80 - 120	

Client: EnSafe, Inc. Job Number: 240-30872-1

Method Blank - Batch: 240-108588

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-108588/1-A	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1255	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-108588

Method: 7470A
Preparation: 7470A

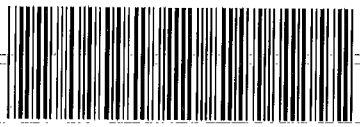
Lab Sample ID:	LCS 240-108588/2-A	Analysis Batch:	240-108862	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108588	Lab File ID:	110713A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/07/2013 1257	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/06/2013 1520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.89	98	81 - 123	

TestAmerica
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CHAIN OF CUSTODY
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240-30872 Chain of Custody

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ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. BCB1029131 | Page 1 of 1

Project Name: UTC CARRIER | PO No. 15641 | Project No. 0888814332 | Phase 02

Site Location: Syracuse, NY.

Send Results To: Shane Goodnight

Sampler/Site Phone# Bryan Brister / (615)

Lab Name: TEST AMERICA | Turnaround Time(specify):

Sample Analysis Requested (*Enter number of containers for each test*)

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	(3)→ HA	—	—	—	—	NI					Extra Volume for MS/MSD	HOLD
									VOC	BNA	PEST	PCB, DRO Fingerprint 8015		METALS						
	CARDCDPZ03G20131029	DCDPZ-03	10/29/13	0856	WG	N	N	10	3	2	2	2		1						
	CARTRIP102913	TRIP	10/29/13	1015	WQ	TB	N	1	1											
	CARFDPZ01G20131029	FDPZ-01	10/29/13	1129	WG	N	N	10	3	2	2	2		1						
	CARFDPZ03G20131029	FDPZ-03	10/29/13	1427	WG	N	N	10	3	2	2	2		1						
	CARFDPZ03H20131029	FDPZ-03	10/29/13	1427	WG	FD	N	10	3	2	2	2		1						
	CARFDPZ04G20131029	FDPZ-04	10/29/13	1704	WG	N	N	10	3	2	2	2		1						
	CARDCDPZ02G20131030	DCDPZ-02	10/30/13	0910	WG	N	N	10	3	2	2	2		1						
	CARMW38G20131030	MW-38	10/30/13	1240	WG	N	N	10	3	2	2	2		1						
	CARMW40DG20131030	MW-40D	10/30/13	1521	WG	N	N	10	3	2	2	2		1						

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1	[signature]	10/30/13	1730	TA SYR. [signature]	10.30.13	17:30
2	[signature]	10.30.13	19:00	[signature]	10.31.13	920
3						

Samples Iced?(check) Yes ✓ No ____

Method of Shipment: Fed EX

Airbill No:

Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, **TS**=NO

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 30677**
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by:

Cooler Received on 10-31-13 Opened on 10-31-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box (Other) _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 4	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	☑ See Multiple Cooler Form
IR GUN# 5	(CF +2 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 8	(CF -0 °C)	Observed Cooler Temp._____°C	Corrected

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 3 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? (Yes) No NA pH Strip Lot# HC385663
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: [signature]

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative **Login # :** _____
Canton Facility

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	8	1.6	1.6	Ice
Client	"	1.4	1.4	"
Client	"	1.8	1.8	"

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
CARDCDPZ03G20131029	240-30872-D-1	Plastic 500ml - with Nitric Acid	<2		
CARFDPZ01G20131029	240-30872-D-3	Plastic 500ml - with Nitric Acid	<2		
CARFDPZ03G20131029	240-30872-D-4	Plastic 500ml - with Nitric Acid	<2		
CARFDPZ03H20131029	240-30872-D-5	Plastic 500ml - with Nitric Acid	<2		
CARFDPZ04G20131030	240-30872-D-6	Plastic 500ml - with Nitric Acid	<2		
CARDCDPZ02G20131030	240-30872-D-7	Plastic 500ml - with Nitric Acid	<2		
CARMW38G20131030	240-30872-D-8	Plastic 500ml - with Nitric Acid	<2		
CARMW40DG20131030	240-30872-D-9	Plastic 500ml - with Nitric Acid	<2		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

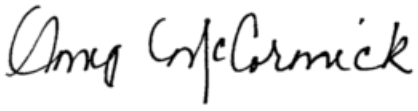
ANALYTICAL REPORT

Job Number: 240-31199-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/19/2013 2:54 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/19/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-31199-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/07/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.6 and 3.2 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARDCDPZ03G20131105 (240-31199-1), CARFDPZ01G20131106 (240-31199-2), CARFDPZ03G20131106 (240-31199-3), CARFDPZ04G20131106 (240-31199-4) and CARDCDPZ02G20131106 (240-31199-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/11/2013 and analyzed on 11/12/2013.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31199-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-31199-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-31199-1

Method	Analyst	Analyst ID
SW846 8082A	Hass, Lori	LSH

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-31199-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-31199-1	CARDCDPZ03G20131105	Water	11/05/2013 1330	11/07/2013 0920
240-31199-2	CARFDPZ01G20131106	Water	11/06/2013 1025	11/07/2013 0920
240-31199-3	CARFDPZ03G20131106	Water	11/06/2013 1150	11/07/2013 0920
240-31199-4	CARFDPZ04G20131106	Water	11/06/2013 1450	11/07/2013 0920
240-31199-5	CARDCDPZ02G20131106	Water	11/06/2013 0850	11/07/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARDCDPZ03G20131105**

Lab Sample ID: 240-31199-1 Date Sampled: 11/05/2013 1330
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	890 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0850			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.076	0.22
Aroclor-1221	ND		0.058	0.22
Aroclor-1232	ND		0.072	0.22
Aroclor-1242	ND		0.099	0.22
Aroclor-1248	ND		0.045	0.22
Aroclor-1254	ND		0.072	0.22
Aroclor-1260	ND		0.076	0.22
Aroclor-1262	ND		0.067	0.22
Aroclor-1268	ND		0.11	0.22

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	34		10 - 130
Tetrachloro-m-xylene	90		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARDCDPZ03G20131105**

Lab Sample ID: 240-31199-1 Date Sampled: 11/05/2013 1330
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	890 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0850			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	41		10 - 130
Tetrachloro-m-xylene	73		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARFDPZ01G20131106**

Lab Sample ID: 240-31199-2 Date Sampled: 11/06/2013 1025
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0904			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.068	0.20
Aroclor-1221	ND		0.052	0.20
Aroclor-1232	ND		0.064	0.20
Aroclor-1242	ND		0.088	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.064	0.20
Aroclor-1260	ND		0.068	0.20
Aroclor-1262	ND		0.060	0.20
Aroclor-1268	ND		0.096	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	46		10 - 130
Tetrachloro-m-xylene	88		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARFDPZ01G20131106**

Lab Sample ID: 240-31199-2 Date Sampled: 11/06/2013 1025
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0904			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		10 - 130
Tetrachloro-m-xylene	79		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARFDPZ03G20131106**

Lab Sample ID: 240-31199-3 Date Sampled: 11/06/2013 1150
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	930 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0918			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.073	0.22
Aroclor-1221	ND		0.056	0.22
Aroclor-1232	ND		0.069	0.22
Aroclor-1242	ND		0.095	0.22
Aroclor-1248	ND		0.043	0.22
Aroclor-1254	ND		0.069	0.22
Aroclor-1260	ND		0.073	0.22
Aroclor-1262	ND		0.065	0.22
Aroclor-1268	ND		0.10	0.22

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	44		10 - 130
Tetrachloro-m-xylene	91		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARFDPZ03G20131106**

Lab Sample ID: 240-31199-3 Date Sampled: 11/06/2013 1150
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	930 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0918			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		10 - 130
Tetrachloro-m-xylene	81		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARFDPZ04G20131106**

Lab Sample ID: 240-31199-4 Date Sampled: 11/06/2013 1450
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0932			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.072	0.21
Aroclor-1221	ND		0.055	0.21
Aroclor-1232	ND		0.067	0.21
Aroclor-1242	ND		0.093	0.21
Aroclor-1248	ND		0.042	0.21
Aroclor-1254	ND		0.067	0.21
Aroclor-1260	ND		0.072	0.21
Aroclor-1262	ND		0.063	0.21
Aroclor-1268	ND		0.10	0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	51		10 - 130
Tetrachloro-m-xylene	81		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARFDPZ04G20131106**

Lab Sample ID: 240-31199-4 Date Sampled: 11/06/2013 1450
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0932			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		10 - 130
Tetrachloro-m-xylene	77		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARDCDPZ02G20131106**

Lab Sample ID: 240-31199-5 Date Sampled: 11/06/2013 0850
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	910 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0946			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.075	0.22
Aroclor-1221	ND		0.057	0.22
Aroclor-1232	ND		0.070	0.22
Aroclor-1242	ND		0.097	0.22
Aroclor-1248	ND		0.044	0.22
Aroclor-1254	ND		0.070	0.22
Aroclor-1260	ND		0.075	0.22
Aroclor-1262	ND		0.066	0.22
Aroclor-1268	ND		0.11	0.22

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	33		10 - 130
Tetrachloro-m-xylene	91		23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Client Sample ID: **CARDCDPZ02G20131106**

Lab Sample ID: 240-31199-5 Date Sampled: 11/06/2013 0850
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	910 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 0946			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	39		10 - 130
Tetrachloro-m-xylene	81		23 - 136

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-31199-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-108939					
LCS 240-108939/4-A	Lab Control Sample	T	Water	3520C	
MB 240-108939/3-A	Method Blank	T	Water	3520C	
240-31199-1	CARDCDPZ03G20131105	T	Water	3520C	
240-31199-2	CARFDPZ01G20131106	T	Water	3520C	
240-31199-3	CARFDPZ03G20131106	T	Water	3520C	
240-31199-4	CARFDPZ04G20131106	T	Water	3520C	
240-31199-5	CARDCDPZ02G20131106	T	Water	3520C	
Analysis Batch:240-109337					
PB 240-109337/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-108939/4-A	Lab Control Sample	T	Water	8082A	240-108939
MB 240-108939/3-A	Method Blank	T	Water	8082A	240-108939
240-31199-1	CARDCDPZ03G20131105	T	Water	8082A	240-108939
240-31199-2	CARFDPZ01G20131106	T	Water	8082A	240-108939
240-31199-3	CARFDPZ03G20131106	T	Water	8082A	240-108939
240-31199-4	CARFDPZ04G20131106	T	Water	8082A	240-108939
240-31199-5	CARDCDPZ02G20131106	T	Water	8082A	240-108939

Report Basis
T = Total

Client: EnSafe, Inc.

Job Number: 240-31199-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31199-1	CARDCDPZ03G20131105	34	41	90	73
240-31199-2	CARFDPZ01G20131106	46	62	88	79
240-31199-3	CARFDPZ03G20131106	44	52	91	81
240-31199-4	CARFDPZ04G20131106	51	65	81	77
240-31199-5	CARDCDPZ02G20131106	33	39	91	81
MB 240-108939/3-A		107	121	97	86
LCS 240-108939/4-A		73	104	96	85

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-31199-1

Method Blank - Batch: 240-108939 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	MB 240-108939/3-A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-108939	Lab File ID:	P1200019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1015	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/08/2013 0806			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.068	0.20
Aroclor-1221	ND		0.052	0.20
Aroclor-1232	ND		0.064	0.20
Aroclor-1242	ND		0.088	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.064	0.20
Aroclor-1260	ND		0.068	0.20
Aroclor-1262	ND		0.060	0.20
Aroclor-1268	ND		0.096	0.20

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	10 - 130
Tetrachloro-m-xylene	97	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	10 - 130
Tetrachloro-m-xylene	86	23 - 136

Lab Control Sample - Batch: 240-108939 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	LCS 240-108939/4-A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-108939	Lab File ID:	P1200029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1236	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/08/2013 0806			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	2.50	2.84	113	66 - 120	
Aroclor-1260	2.50	2.37	95	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	73	10 - 130
Tetrachloro-m-xylene	96	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	10 - 130
Tetrachloro-m-xylene	85	23 - 136

Client: EnSafe, Inc. Job Number: 240-31199-1

Preparation / Extraction Blank - Batch: 240-109337

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109337/2	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 0614	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

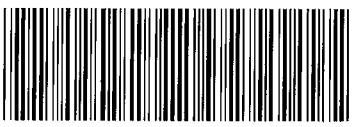
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-31199 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

2.6

ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. 20131105B | Page of

Project Name: Carrier Syracuse TR-1 SubSlab | PO No. | Project No. 14332 | Phase PHO4

Site Location: Syracuse Ny

Send Results To: Shane Goodnight

Sampler/Site Phone# J. Matthews (901) 212-6408

Lab Name: Test America | Turnaround Time(specify):

Sample Analysis Requested (*Enter number of containers for each test*)

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	(3)→ Total No. of Containers	PCB	SVOC								Extra Volume for MS/MSD	HOLD
	~~DED~~ CARDCDPZ03G20131105	DCDPZ03	11/5/13	1330	WG	N	N	2	2										
	CARFDPZ01G20131106	FDPZ01	11/6/13	1025	WG	N	N	2	2										
	CARFDPZ03G20131106	FDPZ03	11/6/13	1150	WG	N	N	2	2										
	CARFDPZ04G20131106	FDPZ04	11/6/13	1450	WG	N	N	2	2										
	~~CARTDPE~~		~~11/6/13~~	~~0850~~															
	CARDCDPZ02G20131106	DCDPZ02	11/6/13	0850	WG	N	N	2	2										

Field **Comments:**

Lab **Comments:** Resample 308772

Sample Shipment and Delivery Details

Number of coolers in shipment:

Samples Iced?(check) Yes_____ No_____

Method of Shipment:

Airbill No:

Date Shipped:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1		11/6/13	1632	TA SYR RE-Rig/Lab	11-6-13	17:30
2	RE	11-6-13,	19:02	Deborah Green	11-7-13	920
3						

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 31199**
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by: [signature]

Cooler Received on 11-7-13 Opened on 11-7-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # Multi Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF 0 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 4 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC391902**
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: [signature]

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 31199

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client Coolers	4	2.2	3.2	Ice
1	1	1.6	2.6	1
		1.6	2.6	
		1.6	2.6	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

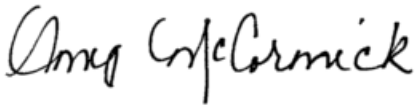
ANALYTICAL REPORT

Job Number: 240-31207-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
11/19/2013 3:29 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
11/19/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-31207-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/07/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.6 and 3.2 C.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARDCDPZ01G20131106 (240-31207-1), CARDCDPZ04G20131105 (240-31207-2), CARMW31G20131105 (240-31207-3), CARMW31H20131105 (240-31207-4) and CARMW35DG20131105 (240-31207-5) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/08/2013 and analyzed on 11/15/2013.

Samples CARDCDPZ01G20131106 (240-31207-1)[50X] and CARDCDPZ04G20131105 (240-31207-2)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for CARDCDPZ01G20131106 (240-31207-1).

2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl (Surr), 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for CARDCDPZ04G20131105 (240-31207-2).

Sample CARDCDPZ04G20131105 (240-31207-2) could not be concentrated to the final method required volume due to sample matrix. The reporting limits (RLs) are elevated proportionately.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARDCDPZ01G20131106 (240-31207-1), CARDCDPZ04G20131105 (240-31207-2), CARMW31G20131105 (240-31207-3), CARMW31H20131105 (240-31207-4) and CARMW35DG20131105 (240-31207-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/11/2013 and analyzed on 11/12/2013 and 11/13/2013.

Sample CARDCDPZ04G20131105 (240-31207-2)[1000X] required dilution prior to analysis. The reporting limits have been adjusted

accordingly.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for CARDCDPZ04G20131105 (240-31207-2).

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31207-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-31207-1	**CARDCDPZ01G20131106**					
Acenaphthene		390		10	ug/L	8270D
Acenaphthylene		28		10	ug/L	8270D
Anthracene		420		10	ug/L	8270D
Benzo[a]anthracene		400		10	ug/L	8270D
Benzo[b]fluoranthene		400		10	ug/L	8270D
Benzo[g,h,i]perylene		59		10	ug/L	8270D
Benzo[k]fluoranthene		190		10	ug/L	8270D
Chrysene		370		10	ug/L	8270D
Dibenzofuran		360		52	ug/L	8270D
Fluoranthene		1500		10	ug/L	8270D
Fluorene		570		10	ug/L	8270D
Indeno[1,2,3-cd]pyrene		68		10	ug/L	8270D
Phenanthrene		2300		10	ug/L	8270D
Pyrene		1200		10	ug/L	8270D
Aroclor-1260		1.0		0.21	ug/L	8082A
240-31207-2	**CARDCDPZ04G20131105**					
2-Methylnaphthalene		740		11	ug/L	8270D
Anthracene		31		11	ug/L	8270D
Benzo[a]pyrene		19		11	ug/L	8270D
Benzo[b]fluoranthene		30		11	ug/L	8270D
Fluoranthene		120		11	ug/L	8270D
Fluorene		45		11	ug/L	8270D
Naphthalene		1600		11	ug/L	8270D
Phenanthrene		160		11	ug/L	8270D
Pyrene		95		11	ug/L	8270D
Aroclor-1254		450	J	1000	ug/L	8082A
240-31207-3	**CARMW31G20131105**					
2-Methylnaphthalene		4.8		0.21	ug/L	8270D
Anthracene		0.37		0.21	ug/L	8270D
Fluoranthene		0.96		0.21	ug/L	8270D
Fluorene		0.67		0.21	ug/L	8270D
Naphthalene		19		0.21	ug/L	8270D
Phenanthrene		2.0		0.21	ug/L	8270D
Pyrene		0.74		0.21	ug/L	8270D

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31207-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-31207-4	**CARMW31H20131105**					
2-Methylnaphthalene		6.7		0.21	ug/L	8270D
Anthracene		0.64		0.21	ug/L	8270D
Benzo[a]anthracene		0.75		0.21	ug/L	8270D
Benzo[b]fluoranthene		0.66		0.21	ug/L	8270D
Chrysene		0.67		0.21	ug/L	8270D
Fluoranthene		2.0		0.21	ug/L	8270D
Fluorene		1.1		0.21	ug/L	8270D
Naphthalene		22		0.21	ug/L	8270D
Phenanthrene		3.6		0.21	ug/L	8270D
Pyrene		1.7		0.21	ug/L	8270D

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-31207-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-31207-1

Method	Analyst	Analyst ID
SW846 8270D	Hula, Tom	TMH
SW846 8082A	Hass, Lori	LSH

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-31207-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-31207-1	CARDCDPZ01G20131106	Water	11/06/2013 0915	11/07/2013 0920
240-31207-2	CARDCDPZ04G20131105	Water	11/05/2013 1400	11/07/2013 0920
240-31207-3	CARMW31G20131105	Water	11/05/2013 1555	11/07/2013 0920
240-31207-4	CARMW31H20131105	Water	11/05/2013 1555	11/07/2013 0920
240-31207-5	CARMW35DG20131105	Water	11/05/2013 1455	11/07/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ01G20131106**

Lab Sample ID: 240-31207-1 Date Sampled: 11/06/2013 0915
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115022.D
Dilution:	50			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1746			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		68	260
2,4,5-Trichlorophenol	ND		96	260
2,4-Dichlorophenol	ND		77	100
2,4-Dimethylphenol	ND		82	100
2,4-Dinitrophenol	ND		1600	2100
2,4-Dinitrotoluene	ND		66	260
2-Chlorophenol	ND		34	52
2-Methylnaphthalene	ND		9.6	10
2-Methylphenol	ND		49	52
2-Nitroaniline	ND		80	100
2-Nitrophenol	ND		54	100
3 & 4 Methylphenol	ND		87	100
3,3'-Dichlorobenzidine	ND		92	260
3-Nitroaniline	ND		69	100
4,6-Dinitro-2-methylphenol	ND		140	260
4-Bromophenyl phenyl ether	ND		90	100
4-Chloro-3-methylphenol	ND		73	100
4-Chloroaniline	ND		39	100
4-Chlorophenyl phenyl ether	ND		77	100
4-Nitroaniline	ND		63	100
Acenaphthene	390		11	10
Acenaphthylene	28		5.2	10
Acetophenone	ND		36	52
Anthracene	420		8.1	10
Benzo[a]anthracene	400		15	10
Benzo[a]pyrene	ND		7.8	10
Benzo[b]fluoranthene	400		15	10
Benzo[g,h,i]perylene	59		13	10
Benzo[k]fluoranthene	190		13	10
Bis(2-chloroethoxy)methane	ND		9.6	52
Bis(2-chloroethyl)ether	ND		49	52
Bis(2-ethylhexyl) phthalate	ND		400	100
Butyl benzyl phthalate	ND		56	52
Carbazole	ND		27	52
Chrysene	370		9.1	10
Di-n-butyl phthalate	ND		100	52
Di-n-octyl phthalate	ND		95	52
Dibenz(a,h)anthracene	ND		10	10
Dibenzofuran	360		36	52
Diethyl phthalate	ND		33	52
Dimethyl phthalate	ND		26	52
Fluoranthene	1500		7.0	10
Fluorene	570		8.9	10
Hexachlorobenzene	ND		30	52
Hexachlorobutadiene	ND		37	52
Hexachlorocyclopentadiene	ND		640	520

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ01G20131106**

Lab Sample ID: 240-31207-1 Date Sampled: 11/06/2013 0915
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115022.D
Dilution:	50			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1746			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		57	52
Indeno[1,2,3-cd]pyrene	68		13	10
Isophorone	ND		11	52
N-Nitrosodi-n-propylamine	ND		41	52
N-Nitrosodiphenylamine	ND		29	52
Naphthalene	ND		11	10
Nitrobenzene	ND		30	52
Pentachlorophenol	ND		1400	2100
Phenanthrene	2300		8.1	10
Phenol	ND		39	52
Pyrene	1200		7.3	10
bis (2-chloroisopropyl) ether	ND		48	52
2,6-Dinitrotoluene	ND		61	260
4-Nitrophenol	ND		150	260

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	0	X	31 - 115
Phenol-d5 (Surr)	0	X	10 - 110
Nitrobenzene-d5 (Surr)	0	X	31 - 110
2-Fluorophenol (Surr)	0	X	15 - 110
2-Fluorobiphenyl (Surr)	0	X	29 - 110
2,4,6-Tribromophenol (Surr)	0	X	21 - 128

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ04G20131105**

Lab Sample ID: 240-31207-2 Date Sampled: 11/05/2013 1400
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115023.D
Dilution:	50			Initial Weight/Volume:	220 mL
Analysis Date:	11/15/2013 1809			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		74	280
2,4,5-Trichlorophenol	ND		100	280
2,4-Dichlorophenol	ND		84	110
2,4-Dimethylphenol	ND		89	110
2,4-Dinitrophenol	ND		1700	2300
2,4-Dinitrotoluene	ND		72	280
2-Chlorophenol	ND		38	57
2-Methylnaphthalene	740		11	11
2-Methylphenol	ND		53	57
2-Nitroaniline	ND		87	110
2-Nitrophenol	ND		59	110
3 & 4 Methylphenol	ND		95	110
3,3'-Dichlorobenzidine	ND		100	280
3-Nitroaniline	ND		75	110
4,6-Dinitro-2-methylphenol	ND		150	280
4-Bromophenyl phenyl ether	ND		99	110
4-Chloro-3-methylphenol	ND		79	110
4-Chloroaniline	ND		42	110
4-Chlorophenyl phenyl ether	ND		84	110
4-Nitroaniline	ND		68	110
Acenaphthene	ND		13	11
Acenaphthylene	ND		5.7	11
Acetophenone	ND		40	57
Anthracene	31		8.8	11
Benzo[a]anthracene	ND		17	11
Benzo[a]pyrene	19		8.5	11
Benzo[b]fluoranthene	30		17	11
Benzo[g,h,i]perylene	ND		14	11
Benzo[k]fluoranthene	ND		14	11
Bis(2-chloroethoxy)methane	ND		11	57
Bis(2-chloroethyl)ether	ND		54	57
Bis(2-ethylhexyl) phthalate	ND		430	110
Butyl benzyl phthalate	ND		61	57
Carbazole	ND		30	57
Chrysene	ND		9.9	11
Di-n-butyl phthalate	ND		110	57
Di-n-octyl phthalate	ND		100	57
Dibenz(a,h)anthracene	ND		11	11
Dibenzofuran	ND		39	57
Diethyl phthalate	ND		36	57
Dimethyl phthalate	ND		29	57
Fluoranthene	120		7.7	11
Fluorene	45		9.7	11
Hexachlorobenzene	ND		33	57
Hexachlorobutadiene	ND		40	57
Hexachlorocyclopentadiene	ND		700	570

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ04G20131105**

Lab Sample ID: 240-31207-2 Date Sampled: 11/05/2013 1400
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115023.D
Dilution:	50			Initial Weight/Volume:	220 mL
Analysis Date:	11/15/2013 1809			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		62	57
Indeno[1,2,3-cd]pyrene	ND		14	11
Isophorone	ND		12	57
N-Nitrosodi-n-propylamine	ND		45	57
N-Nitrosodiphenylamine	ND		32	57
Naphthalene	1600		12	11
Nitrobenzene	ND		33	57
Pentachlorophenol	ND		1600	2300
Phenanthrene	160		8.8	11
Phenol	ND		43	57
Pyrene	95		8.0	11
bis (2-chloroisopropyl) ether	ND		52	57
2,6-Dinitrotoluene	ND		67	280
4-Nitrophenol	ND		170	280

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	0	X	31 - 115
Phenol-d5 (Surr)	0	X	10 - 110
Nitrobenzene-d5 (Surr)	0	X	31 - 110
2-Fluorophenol (Surr)	0	X	15 - 110
2-Fluorobiphenyl (Surr)	0	X	29 - 110
2,4,6-Tribromophenol (Surr)	0	X	21 - 128

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31G20131105**

Lab Sample ID: 240-31207-3 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115017.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1555			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.4	5.2
2,4,5-Trichlorophenol	ND		1.9	5.2
2,4-Dichlorophenol	ND		1.5	2.1
2,4-Dimethylphenol	ND		1.6	2.1
2,4-Dinitrophenol	ND		32	42
2,4-Dinitrotoluene	ND		1.3	5.2
2-Chlorophenol	ND		0.69	1.0
2-Methylnaphthalene	4.8		0.19	0.21
2-Methylphenol	ND		0.98	1.0
2-Nitroaniline	ND		1.6	2.1
2-Nitrophenol	ND		1.1	2.1
3 & 4 Methylphenol	ND		1.8	2.1
3,3'-Dichlorobenzidine	ND		1.8	5.2
3-Nitroaniline	ND		1.4	2.1
4,6-Dinitro-2-methylphenol	ND		2.7	5.2
4-Bromophenyl phenyl ether	ND		1.8	2.1
4-Chloro-3-methylphenol	ND		1.5	2.1
4-Chloroaniline	ND		0.78	2.1
4-Chlorophenyl phenyl ether	ND		1.5	2.1
4-Nitroaniline	ND		1.3	2.1
Acenaphthene	ND		0.23	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.73	1.0
Anthracene	0.37		0.16	0.21
Benzo[a]anthracene	ND		0.31	0.21
Benzo[a]pyrene	ND		0.16	0.21
Benzo[b]fluoranthene	ND		0.31	0.21
Benzo[g,h,i]perylene	ND		0.26	0.21
Benzo[k]fluoranthene	ND		0.25	0.21
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.99	1.0
Bis(2-ethylhexyl) phthalate	ND		7.9	2.1
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.55	1.0
Chrysene	ND		0.18	0.21
Di-n-butyl phthalate	ND		2.1	1.0
Di-n-octyl phthalate	ND		1.9	1.0
Dibenz(a,h)anthracene	ND		0.21	0.21
Dibenzofuran	ND		0.71	1.0
Diethyl phthalate	ND		0.65	1.0
Dimethyl phthalate	ND		0.53	1.0
Fluoranthene	0.96		0.14	0.21
Fluorene	0.67		0.18	0.21
Hexachlorobenzene	ND		0.60	1.0
Hexachlorobutadiene	ND		0.73	1.0
Hexachlorocyclopentadiene	ND		13	10

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31G20131105**

Lab Sample ID: 240-31207-3 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115017.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1555			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.25	0.21
Isophorone	ND		0.22	1.0
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.58	1.0
Naphthalene	19		0.22	0.21
Nitrobenzene	ND		0.61	1.0
Pentachlorophenol	ND		28	42
Phenanthrene	2.0		0.16	0.21
Phenol	ND		0.78	1.0
Pyrene	0.74		0.15	0.21
bis (2-chloroisopropyl) ether	ND		0.95	1.0
2,6-Dinitrotoluene	ND		1.2	5.2
4-Nitrophenol	ND		3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	73		31 - 115
Phenol-d5 (Surr)	44		10 - 110
Nitrobenzene-d5 (Surr)	72		31 - 110
2-Fluorophenol (Surr)	52		15 - 110
2-Fluorobiphenyl (Surr)	54		29 - 110
2,4,6-Tribromophenol (Surr)	66		21 - 128

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31H20131105**

Lab Sample ID: 240-31207-4 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115018.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1617			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.4	5.2
2,4,5-Trichlorophenol	ND		1.9	5.2
2,4-Dichlorophenol	ND		1.5	2.1
2,4-Dimethylphenol	ND		1.6	2.1
2,4-Dinitrophenol	ND		32	42
2,4-Dinitrotoluene	ND		1.3	5.2
2-Chlorophenol	ND		0.69	1.0
2-Methylnaphthalene	6.7		0.19	0.21
2-Methylphenol	ND		0.98	1.0
2-Nitroaniline	ND		1.6	2.1
2-Nitrophenol	ND		1.1	2.1
3 & 4 Methylphenol	ND		1.8	2.1
3,3'-Dichlorobenzidine	ND		1.8	5.2
3-Nitroaniline	ND		1.4	2.1
4,6-Dinitro-2-methylphenol	ND		2.7	5.2
4-Bromophenyl phenyl ether	ND		1.8	2.1
4-Chloro-3-methylphenol	ND		1.5	2.1
4-Chloroaniline	ND		0.78	2.1
4-Chlorophenyl phenyl ether	ND		1.5	2.1
4-Nitroaniline	ND		1.3	2.1
Acenaphthene	ND		0.23	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.73	1.0
Anthracene	0.64		0.16	0.21
Benzo[a]anthracene	0.75		0.31	0.21
Benzo[a]pyrene	ND		0.16	0.21
Benzo[b]fluoranthene	0.66		0.31	0.21
Benzo[g,h,i]perylene	ND		0.26	0.21
Benzo[k]fluoranthene	ND		0.25	0.21
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.99	1.0
Bis(2-ethylhexyl) phthalate	ND		7.9	2.1
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.55	1.0
Chrysene	0.67		0.18	0.21
Di-n-butyl phthalate	ND		2.1	1.0
Di-n-octyl phthalate	ND		1.9	1.0
Dibenz(a,h)anthracene	ND		0.21	0.21
Dibenzofuran	ND		0.71	1.0
Diethyl phthalate	ND		0.65	1.0
Dimethyl phthalate	ND		0.53	1.0
Fluoranthene	2.0		0.14	0.21
Fluorene	1.1		0.18	0.21
Hexachlorobenzene	ND		0.60	1.0
Hexachlorobutadiene	ND		0.73	1.0
Hexachlorocyclopentadiene	ND		13	10

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31H20131105**

Lab Sample ID: 240-31207-4 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115018.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1617			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.25	0.21
Isophorone	ND		0.22	1.0
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.58	1.0
Naphthalene	22		0.22	0.21
Nitrobenzene	ND		0.61	1.0
Pentachlorophenol	ND		28	42
Phenanthrene	3.6		0.16	0.21
Phenol	ND		0.78	1.0
Pyrene	1.7		0.15	0.21
bis (2-chloroisopropyl) ether	ND		0.95	1.0
2,6-Dinitrotoluene	ND		1.2	5.2
4-Nitrophenol	ND		3.1	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	76		31 - 115
Phenol-d5 (Surr)	48		10 - 110
Nitrobenzene-d5 (Surr)	68		31 - 110
2-Fluorophenol (Surr)	57		15 - 110
2-Fluorobiphenyl (Surr)	62		29 - 110
2,4,6-Tribromophenol (Surr)	71		21 - 128

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW35DG20131105**

Lab Sample ID: 240-31207-5 Date Sampled: 11/05/2013 1455
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115019.D
Dilution:	1.0			Initial Weight/Volume:	260 mL
Analysis Date:	11/15/2013 1640			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		1.3	4.8
2,4,5-Trichlorophenol	ND		1.8	4.8
2,4-Dichlorophenol	ND		1.4	1.9
2,4-Dimethylphenol	ND		1.5	1.9
2,4-Dinitrophenol	ND		29	38
2,4-Dinitrotoluene	ND		1.2	4.8
2-Chlorophenol	ND		0.63	0.96
2-Methylnaphthalene	ND		0.18	0.19
2-Methylphenol	ND		0.90	0.96
2-Nitroaniline	ND		1.5	1.9
2-Nitrophenol	ND		1.0	1.9
3 & 4 Methylphenol	ND		1.6	1.9
3,3'-Dichlorobenzidine	ND		1.7	4.8
3-Nitroaniline	ND		1.3	1.9
4,6-Dinitro-2-methylphenol	ND		2.5	4.8
4-Bromophenyl phenyl ether	ND		1.7	1.9
4-Chloro-3-methylphenol	ND		1.3	1.9
4-Chloroaniline	ND		0.72	1.9
4-Chlorophenyl phenyl ether	ND		1.4	1.9
4-Nitroaniline	ND		1.2	1.9
Acenaphthene	ND		0.21	0.19
Acenaphthylene	ND		0.096	0.19
Acetophenone	ND		0.67	0.96
Anthracene	ND		0.15	0.19
Benzo[a]anthracene	ND		0.28	0.19
Benzo[a]pyrene	ND		0.14	0.19
Benzo[b]fluoranthene	ND		0.28	0.19
Benzo[g,h,i]perylene	ND		0.24	0.19
Benzo[k]fluoranthene	ND		0.23	0.19
Bis(2-chloroethoxy)methane	ND		0.18	0.96
Bis(2-chloroethyl)ether	ND		0.91	0.96
Bis(2-ethylhexyl) phthalate	ND		7.3	1.9
Butyl benzyl phthalate	ND		1.0	0.96
Carbazole	ND		0.50	0.96
Chrysene	ND		0.17	0.19
Di-n-butyl phthalate	ND		1.9	0.96
Di-n-octyl phthalate	ND		1.8	0.96
Dibenz(a,h)anthracene	ND		0.19	0.19
Dibenzofuran	ND		0.66	0.96
Diethyl phthalate	ND		0.60	0.96
Dimethyl phthalate	ND		0.49	0.96
Fluoranthene	ND		0.13	0.19
Fluorene	ND		0.16	0.19
Hexachlorobenzene	ND		0.55	0.96
Hexachlorobutadiene	ND		0.68	0.96
Hexachlorocyclopentadiene	ND		12	9.6

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW35DG20131105**

Lab Sample ID: 240-31207-5 Date Sampled: 11/05/2013 1455
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115019.D
Dilution:	1.0			Initial Weight/Volume:	260 mL
Analysis Date:	11/15/2013 1640			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		1.1	0.96
Indeno[1,2,3-cd]pyrene	ND		0.23	0.19
Isophorone	ND		0.20	0.96
N-Nitrosodi-n-propylamine	ND		0.76	0.96
N-Nitrosodiphenylamine	ND		0.54	0.96
Naphthalene	ND		0.21	0.19
Nitrobenzene	ND		0.56	0.96
Pentachlorophenol	ND		26	38
Phenanthrene	ND		0.15	0.19
Phenol	ND		0.72	0.96
Pyrene	ND		0.13	0.19
bis (2-chloroisopropyl) ether	ND		0.88	0.96
2,6-Dinitrotoluene	ND		1.1	4.8
4-Nitrophenol	ND		2.8	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	71		31 - 115
Phenol-d5 (Surr)	41		10 - 110
Nitrobenzene-d5 (Surr)	54		31 - 110
2-Fluorophenol (Surr)	52		15 - 110
2-Fluorobiphenyl (Surr)	52		29 - 110
2,4,6-Tribromophenol (Surr)	57		21 - 128

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ01G20131106**

Lab Sample ID: 240-31207-1 Date Sampled: 11/06/2013 0915
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1043			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.072	0.21
Aroclor-1221	ND		0.055	0.21
Aroclor-1232	ND		0.067	0.21
Aroclor-1242	ND		0.093	0.21
Aroclor-1248	ND		0.042	0.21
Aroclor-1254	ND		0.067	0.21
Aroclor-1260	1.0		0.072	0.21
Aroclor-1262	ND		0.063	0.21
Aroclor-1268	ND		0.10	0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	17		10 - 130
Tetrachloro-m-xylene	61		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ01G20131106**

Lab Sample ID: 240-31207-1 Date Sampled: 11/06/2013 0915
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1043			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	39		10 - 130
Tetrachloro-m-xylene	67		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ04G20131105**

Lab Sample ID: 240-31207-2 Date Sampled: 11/05/2013 1400
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109536	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	960 mL
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	11/13/2013 0838			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		350	1000
Aroclor-1221	ND		270	1000
Aroclor-1232	ND		330	1000
Aroclor-1242	ND		460	1000
Aroclor-1248	ND		210	1000
Aroclor-1254	450	J	330	1000
Aroclor-1260	ND		350	1000
Aroclor-1262	ND		310	1000
Aroclor-1268	ND		500	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	10 - 130
Tetrachloro-m-xylene	0	X	23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARDCDPZ04G20131105**

Lab Sample ID: 240-31207-2 Date Sampled: 11/05/2013 1400
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109536	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	960 mL
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	11/13/2013 0838			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	10 - 130
Tetrachloro-m-xylene	0	X	23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31G20131105**

Lab Sample ID: 240-31207-3 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1111			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.071	0.21
Aroclor-1221	ND		0.054	0.21
Aroclor-1232	ND		0.067	0.21
Aroclor-1242	ND		0.092	0.21
Aroclor-1248	ND		0.042	0.21
Aroclor-1254	ND		0.067	0.21
Aroclor-1260	ND		0.071	0.21
Aroclor-1262	ND		0.063	0.21
Aroclor-1268	ND		0.10	0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	16		10 - 130
Tetrachloro-m-xylene	73		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31G20131105**

Lab Sample ID: 240-31207-3 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1111			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	27		10 - 130
Tetrachloro-m-xylene	75		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31H20131105**

Lab Sample ID: 240-31207-4 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1126			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.067	0.20
Aroclor-1221	ND		0.051	0.20
Aroclor-1232	ND		0.063	0.20
Aroclor-1242	ND		0.086	0.20
Aroclor-1248	ND		0.039	0.20
Aroclor-1254	ND		0.063	0.20
Aroclor-1260	ND		0.067	0.20
Aroclor-1262	ND		0.059	0.20
Aroclor-1268	ND		0.094	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	15		10 - 130
Tetrachloro-m-xylene	69		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW31H20131105**

Lab Sample ID: 240-31207-4 Date Sampled: 11/05/2013 1555
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1126			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	28		10 - 130
Tetrachloro-m-xylene	70		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW35DG20131105**

Lab Sample ID: 240-31207-5 Date Sampled: 11/05/2013 1455
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1140			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.067	0.20
Aroclor-1221	ND		0.051	0.20
Aroclor-1232	ND		0.063	0.20
Aroclor-1242	ND		0.086	0.20
Aroclor-1248	ND		0.039	0.20
Aroclor-1254	ND		0.063	0.20
Aroclor-1260	ND		0.067	0.20
Aroclor-1262	ND		0.059	0.20
Aroclor-1268	ND		0.094	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	41		10 - 130
Tetrachloro-m-xylene	100		23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Client Sample ID: **CARMW35DG20131105**

Lab Sample ID: 240-31207-5 Date Sampled: 11/05/2013 1455
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1140			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		10 - 130
Tetrachloro-m-xylene	89		23 - 136

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-31207-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	X	Surrogate is outside control limits
GC Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-31207-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-108951					
LCS 240-108951/11-A	Lab Control Sample	T	Water	3510C	
MB 240-108951/10-A	Method Blank	T	Water	3510C	
240-31207-1	CARDCDPZ01G20131106	T	Water	3510C	
240-31207-2	CARDCDPZ04G20131105	T	Water	3510C	
240-31207-3	CARMW31G20131105	T	Water	3510C	
240-31207-4	CARMW31H20131105	T	Water	3510C	
240-31207-5	CARMW35DG20131105	T	Water	3510C	
Analysis Batch:240-109956					
LCS 240-108951/11-A	Lab Control Sample	T	Water	8270D	240-108951
MB 240-108951/10-A	Method Blank	T	Water	8270D	240-108951
240-31207-1	CARDCDPZ01G20131106	T	Water	8270D	240-108951
240-31207-2	CARDCDPZ04G20131105	T	Water	8270D	240-108951
240-31207-3	CARMW31G20131105	T	Water	8270D	240-108951
240-31207-4	CARMW31H20131105	T	Water	8270D	240-108951
240-31207-5	CARMW35DG20131105	T	Water	8270D	240-108951

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-31207-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-108939					
LCS 240-108939/4-A	Lab Control Sample	T	Water	3520C	
MB 240-108939/3-A	Method Blank	T	Water	3520C	
240-31207-1	CARDCDPZ01G20131106	T	Water	3520C	
240-31207-2	CARDCDPZ04G20131105	T	Water	3520C	
240-31207-3	CARMW31G20131105	T	Water	3520C	
240-31207-4	CARMW31H20131105	T	Water	3520C	
240-31207-5	CARMW35DG20131105	T	Water	3520C	
Analysis Batch:240-109337					
PB 240-109337/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-108939/4-A	Lab Control Sample	T	Water	8082A	240-108939
MB 240-108939/3-A	Method Blank	T	Water	8082A	240-108939
240-31207-1	CARDCDPZ01G20131106	T	Water	8082A	240-108939
240-31207-3	CARMW31G20131105	T	Water	8082A	240-108939
240-31207-4	CARMW31H20131105	T	Water	8082A	240-108939
240-31207-5	CARMW35DG20131105	T	Water	8082A	240-108939
Analysis Batch:240-109536					
PB 240-109536/2	Preparation / Extraction Blank	T	Water	8082A	
240-31207-2	CARDCDPZ04G20131105	T	Water	8082A	240-108939

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-31207-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-31207-1	CARDCDPZ01G20131106	0X	0X	0X	0X	0X	0X
240-31207-2	CARDCDPZ04G20131105	0X	0X	0X	0X	0X	0X
240-31207-3	CARMW31G201311105	73	44	72	52	54	66
240-31207-4	CARMW31H201311105	76	48	68	57	62	71
240-31207-5	CARMW35DG20131105	71	41	54	52	52	57
MB 240-108951/10-A		92	44	70	57	69	53
LCS 240-108951/11-A		101	52	91	69	86	94

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	31-115
PHL = Phenol-d5 (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	31-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl (Surr)	29-110
TBP = 2,4,6-Tribromophenol (Surr)	21-128

Client: EnSafe, Inc. Job Number: 240-31207-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31207-1	CARDCDPZ01G20131106	17	39	61	67
240-31207-2	CARDCDPZ04G20131105	0X	0X	0X	0X
240-31207-3	CARMW31G20131105	16	27	73	75
240-31207-4	CARMW31H20131105	15	28	69	70
240-31207-5	CARMW35DG20131105	41	66	100	89
MB 240-108939/3-A		107	121	97	86
LCS 240-108939/4-A		73	104	96	85

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-31207-1

Method Blank - Batch: 240-108951 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	MB 240-108951/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1403	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		1.3	5.0
2,4,5-Trichlorophenol	ND		1.8	5.0
2,4-Dichlorophenol	ND		1.5	2.0
2,4-Dimethylphenol	ND		1.6	2.0
2,4-Dinitrophenol	ND		31	40
2,4-Dinitrotoluene	ND		1.3	5.0
2-Chlorophenol	ND		0.66	1.0
2-Methylnaphthalene	ND		0.19	0.20
2-Methylphenol	ND		0.94	1.0
2-Nitroaniline	ND		1.5	2.0
2-Nitrophenol	ND		1.0	2.0
3 & 4 Methylphenol	ND		1.7	2.0
3,3'-Dichlorobenzidine	ND		1.8	5.0
3-Nitroaniline	ND		1.3	2.0
4,6-Dinitro-2-methylphenol	ND		2.6	5.0
4-Bromophenyl phenyl ether	ND		1.7	2.0
4-Chloro-3-methylphenol	ND		1.4	2.0
4-Chloroaniline	ND		0.75	2.0
4-Chlorophenyl phenyl ether	ND		1.5	2.0
4-Nitroaniline	ND		1.2	2.0
Acenaphthene	ND		0.22	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.70	1.0
Anthracene	ND		0.16	0.20
Benzo[a]anthracene	ND		0.30	0.20
Benzo[a]pyrene	ND		0.15	0.20
Benzo[b]fluoranthene	ND		0.30	0.20
Benzo[g,h,i]perylene	ND		0.25	0.20
Benzo[k]fluoranthene	ND		0.24	0.20
Bis(2-chloroethoxy)methane	ND		0.19	1.0
Bis(2-chloroethyl)ether	ND		0.95	1.0
Bis(2-ethylhexyl) phthalate	ND		7.6	2.0
Butyl benzyl phthalate	ND		1.1	1.0
Carbazole	ND		0.53	1.0
Chrysene	ND		0.18	0.20
Di-n-butyl phthalate	ND		2.0	1.0
Di-n-octyl phthalate	ND		1.8	1.0
Dibenz(a,h)anthracene	ND		0.20	0.20
Dibenzofuran	ND		0.69	1.0
Diethyl phthalate	ND		0.63	1.0
Dimethyl phthalate	ND		0.51	1.0
Fluoranthene	ND		0.14	0.20
Fluorene	ND		0.17	0.20
Hexachlorobenzene	ND		0.58	1.0
Hexachlorobutadiene	ND		0.71	1.0

Client: EnSafe, Inc. Job Number: 240-31207-1

Method Blank - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-108951/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1403	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		12	10
Hexachloroethane	ND		1.1	1.0
Indeno[1,2,3-cd]pyrene	ND		0.24	0.20
Isophorone	ND		0.21	1.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.56	1.0
Naphthalene	ND		0.22	0.20
Nitrobenzene	ND		0.59	1.0
Pentachlorophenol	ND		27	40
Phenanthrene	ND		0.16	0.20
Phenol	ND		0.75	1.0
Pyrene	ND		0.14	0.20
bis (2-chloroisopropyl) ether	ND		0.92	1.0
2,6-Dinitrotoluene	ND		1.2	5.0
4-Nitrophenol	ND		2.9	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	92	31 - 115
Phenol-d5 (Surr)	44	10 - 110
Nitrobenzene-d5 (Surr)	70	31 - 110
2-Fluorophenol (Surr)	57	15 - 110
2-Fluorobiphenyl (Surr)	69	29 - 110
2,4,6-Tribromophenol (Surr)	53	21 - 128

Client: EnSafe, Inc. Job Number: 240-31207-1

Lab Control Sample - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108951/11-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1426	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	8.00	6.59	82	40 - 160	
2,4,5-Trichlorophenol	8.00	6.58	82	20 - 120	
2,4-Dichlorophenol	8.00	7.24	91	40 - 160	
2,4-Dimethylphenol	8.00	7.55	94	10 - 120	
2,4-Dinitrophenol	16.0	ND	64	20 - 120	
2,4-Dinitrotoluene	8.00	6.93	87	40 - 160	
2-Chlorophenol	8.00	6.24	78	40 - 160	
2-Methylnaphthalene	8.00	5.75	72	40 - 160	
2-Methylphenol	8.00	6.33	79	20 - 120	
2-Nitroaniline	8.00	6.45	81	40 - 160	
2-Nitrophenol	8.00	6.75	84	40 - 160	
3 & 4 Methylphenol	8.00	6.19	77	40 - 160	
3,3'-Dichlorobenzidine	16.0	8.85	55	10 - 120	
3-Nitroaniline	8.00	6.97	87	40 - 160	
4,6-Dinitro-2-methylphenol	16.0	10.2	64	40 - 160	
4-Bromophenyl phenyl ether	8.00	6.16	77	40 - 160	
4-Chloro-3-methylphenol	8.00	6.69	84	40 - 160	
4-Chloroaniline	8.00	4.25	53	10 - 120	
4-Chlorophenyl phenyl ether	8.00	6.41	80	40 - 160	
4-Nitroaniline	8.00	6.92	86	40 - 160	
Acenaphthene	8.00	6.24	78	40 - 160	
Acenaphthylene	8.00	6.08	76	40 - 160	
Acetophenone	8.00	7.09	89	40 - 160	
Anthracene	8.00	6.17	77	40 - 160	
Benzo[a]anthracene	8.00	5.94	74	40 - 160	
Benzo[a]pyrene	8.00	6.10	76	40 - 160	
Benzo[b]fluoranthene	8.00	6.14	77	40 - 160	
Benzo[g,h,i]perylene	8.00	6.08	76	40 - 160	
Benzo[k]fluoranthene	8.00	6.20	78	40 - 160	
Bis(2-chloroethoxy)methane	8.00	7.05	88	40 - 160	
Bis(2-chloroethyl)ether	8.00	6.47	81	40 - 160	
Bis(2-ethylhexyl) phthalate	8.00	ND	87	40 - 160	
Butyl benzyl phthalate	8.00	6.53	82	40 - 160	
Carbazole	8.00	6.92	86	40 - 160	
Chrysene	8.00	5.81	73	40 - 160	
Di-n-butyl phthalate	8.00	8.34	104	40 - 160	
Di-n-octyl phthalate	8.00	6.28	78	40 - 160	
Dibenz(a,h)anthracene	8.00	6.04	76	40 - 160	
Dibenzofuran	8.00	6.36	80	40 - 160	
Diethyl phthalate	8.00	7.18	90	40 - 160	
Dimethyl phthalate	8.00	6.87	86	40 - 160	

Client: EnSafe, Inc. Job Number: 240-31207-1

Lab Control Sample - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108951/11-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1426	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	8.00	6.22	78	40 - 160	
Fluorene	8.00	6.55	82	40 - 160	
Hexachlorobenzene	8.00	5.53	69	40 - 160	
Hexachlorobutadiene	8.00	4.22	53	40 - 160	
Hexachlorocyclopentadiene	8.00	ND	44	40 - 160	
Hexachloroethane	8.00	4.17	52	40 - 160	
Indeno[1,2,3-cd]pyrene	8.00	6.00	75	40 - 160	
Isophorone	8.00	7.69	96	40 - 160	
N-Nitrosodi-n-propylamine	8.00	7.34	92	40 - 160	
N-Nitrosodiphenylamine	16.0	13.1	82	40 - 160	
Naphthalene	8.00	5.63	70	40 - 160	
Nitrobenzene	8.00	6.71	84	40 - 160	
Pentachlorophenol	16.0	ND	73	10 - 120	
Phenanthrene	8.00	6.14	77	40 - 160	
Phenol	8.00	3.99	50	10 - 120	
Pyrene	8.00	5.96	75	40 - 160	
bis (2-chloroisopropyl) ether	8.00	6.53	82	40 - 160	
2,6-Dinitrotoluene	8.00	7.32	91	40 - 160	
4-Nitrophenol	16.0	7.87	49	10 - 120	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	101	31 - 115
Phenol-d5 (Surr)	52	10 - 110
Nitrobenzene-d5 (Surr)	91	31 - 110
2-Fluorophenol (Surr)	69	15 - 110
2-Fluorobiphenyl (Surr)	86	29 - 110
2,4,6-Tribromophenol (Surr)	94	21 - 128

Method Blank - Batch: 240-108939 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	MB 240-108939/3-A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-108939	Lab File ID:	P1200019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1015	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/08/2013 0806			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.068	0.20
Aroclor-1221	ND		0.052	0.20
Aroclor-1232	ND		0.064	0.20
Aroclor-1242	ND		0.088	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.064	0.20
Aroclor-1260	ND		0.068	0.20
Aroclor-1262	ND		0.060	0.20
Aroclor-1268	ND		0.096	0.20

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	10 - 130
Tetrachloro-m-xylene	97	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	10 - 130
Tetrachloro-m-xylene	86	23 - 136

Lab Control Sample - Batch: 240-108939 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	LCS 240-108939/4-A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-108939	Lab File ID:	P1200029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1236	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/08/2013 0806			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	2.50	2.84	113	66 - 120	
Aroclor-1260	2.50	2.37	95	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	73	10 - 130
Tetrachloro-m-xylene	96	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	10 - 130
Tetrachloro-m-xylene	85	23 - 136

Client: EnSafe, Inc. Job Number: 240-31207-1

Preparation / Extraction Blank - Batch: 240-109337

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109337/2	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 0614	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31207-1

Preparation / Extraction Blank - Batch: 240-109536

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109536/2	Analysis Batch:	240-109536	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/13/2013 0727	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

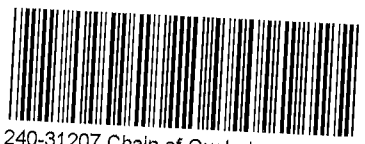
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS


240-31207 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

2.6

ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. 20131106C | Page 1 of 1

Project Name: CARRIER Syracuse TRI Sub Slab | PO No. | Project No. 14332 | Phase 04

Site Location: Syracuse NY

Send Results To: ~~SA~~ Shane Goodnight

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone# J Matthews (901) 212-6405

Lab Name: TOST America | Turnaround Time(specify): STD

(3)→

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	RCB	SVOC	Extra Volume for MS/MSD	HOLD
	CARDCDPZ01G20131105	DCDPZ01	~~11/5/13~~	0915	WG	N	N	4	2	2		
	CARSSIPZ03G20131105	SSIPZ03	~~11/5/13~~	1330	WG	N	N	2	2			
	CARDCDPZ04G20131105	DCDPZ04	~~11/5/13~~	1400	WG	N	N	4	2			
	CARMW31G20131105	MW31	11/5/13	1555	WG	N	N	4	2	2		
	CARMW31HG20131105	MW31	11/5/13	1555	WQ	FD	N	4	2	2		
	CARMW35DG20131105	MW35D	11/5/13	1455	WG	N	N	4	2	2		
	~~CARDCDPZ~~											

Field **Comments:**

Lab **Comments:**
Resample 30764

Sample Shipment and Delivery Details
Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1		11/6/13	1800	R. Craig/TA 592	11-6-13	18:00
2	RE	11-6-13	1900	Paula Green	11-7-13	920
3						

Samples Iced?(check) Yes_____ No_____
Method of Shipment:
Airbill No:
Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative — Login # :_____

Canton Facility

Client Ensafe Site Name_____ Cooler unpacked by: Michael D. Green

Cooler Received on 11-7-13 Opened on 11-7-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other_____

TestAmerica Cooler # Multi Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	☐ See Multiple Cooler Form
IR GUN# 4	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 5	(CF +2 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 8	(CF 0 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 4	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC391902
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM ALM Date 11-7-13 by CSC via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Michael D. Green

Did not received any volume or samples for sample ID# CAR35IP203G20/311 on 11-5-13 at 1330

SAMPLE CARDUP204G201311 COC says PCB required 500L volume will log

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s):_____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : _____

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client Coolers	4	2.2	3.0	Ice
1	1	1.6	2.6	1
		1.6	2.6	
		1.6	2.6	

ANALYTICAL REPORT

Job Number: 240-31209-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin

Approved for release.
Nathan A Pietras
Project Manager II
12/5/2013 2:35 PM

Designee for
Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
12/05/2013

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-31209-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/07/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.6 and 3.2 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARSSIPZ05G20131106 (240-31209-1), CARMW25G20131106 (240-31209-2) and TRIP20131106 (240-31209-3) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/19/2013.

Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 110510 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARSSIPZ05G20131106 (240-31209-1) and CARMW25G20131106 (240-31209-2) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/08/2013 and analyzed on 11/15/2013.

Di-n-butyl phthalate was detected in method blank MB 240-108951/10-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Sample CARMW25G20131106 (240-31209-2) was analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method

8015C - DRO. The samples were prepared on 11/12/2013 and 12/02/2013 and analyzed on 11/27/2013 and 12/04/2013.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Diesel Range Organics [C10 - C28] was detected in method blank MB 240-111893/2-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Diesel Range Organics [C10 - C28] failed the recovery criteria high for LCS 240-109373/3-A.

Method(s) 8015C: The laboratory control sample (LCS) for batch 111644 recovered outside control limits for the following analytes: Diesel. The associated sample(s) was re-prepared and/or re-analyzed outside holding time. Both sets of data have been reported.

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARSSIPZ05G20131106 (240-31209-1) and CARMW25G20131106 (240-31209-2) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 11/12/2013 and analyzed on 11/22/2013.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for CARMW25G20131106 (240-31209-2). Refer to the QC report for details.

Method(s) 8081B: The opening continuing calibration verification (CCV) associated with batch 110987 recovered alpha-BHC, delta-BHC, and DDE above the upper control limits. The samples associated with this CCV CARMW25G20131106 (240-31209-2), CARSSIPZ05G20131106 (240-31209-1)were non-detects for the affected analytes; therefore the data have been reported.

Method(s) 8081B: The closing continuing calibration verification (CCV) associated with batch 110987 recovered alpha-BHC, beta-BHC, delta-BHC, Aldrin and DDE above the upper control limits. The samples associated with this CCVCARMW25G20131106 (240-31209-2), CARSSIPZ05G20131106 (240-31209-1) were non-detects for the affected analytes; therefore the data have been reported.

Method(s) 8081B: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: CARMW25G20131106 (240-31209-2). These results have been reported and qualified.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARSSIPZ05G20131106 (240-31209-1) and CARMW25G20131106 (240-31209-2) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/11/2013 and analyzed on 11/12/2013 and 11/13/2013.

Sample CARMW25G20131106 (240-31209-2)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method(s) 8082A: The following samples were diluted due to the nature of the sample matrix: CARMW25G20131106 (240-31209-2). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples CARSSIPZ05G20131106 (240-31209-1) and CARMW25G20131106 (240-31209-2) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 11/08/2013 and analyzed on 11/12/2013.

Barium was detected in method blank MB 240-108965/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Method(s) 6010C: The continuing calibration verification (CCV) for Selenium associated with batch 109545 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. CARMW25G20131106 (240-31209-2), CARSSIPZ05G20131106 (240-31209-1)

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples CARSSIPZ05G20131106 (240-31209-1) and CARMW25G20131106 (240-31209-2) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 11/08/2013 and analyzed on 11/11/2013.

No other difficulties were encountered during the mercury analysis.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-31209-1	**CARSSIPZ05G20131106**					
Acetone		6.0	J	10	ug/L	8260C
Carbon disulfide		0.22	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		7.7		1.0	ug/L	8260C
1,4-Dichlorobenzene		0.37	J	1.0	ug/L	8260C
1,1-Dichloroethane		1.1		1.0	ug/L	8260C
Toluene		0.59	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		0.64	J	1.0	ug/L	8260C
Trichloroethene		16		1.0	ug/L	8260C
2-Methylnaphthalene		0.19	J	0.24	ug/L	8270D
Acenaphthene		0.43		0.24	ug/L	8270D
Carbazole		0.39	J	1.2	ug/L	8270D
Di-n-butyl phthalate		0.61	J B	1.2	ug/L	8270D
Fluorene		0.22	J	0.24	ug/L	8270D
Naphthalene		1.6		0.24	ug/L	8270D
Total Recoverable						
Barium		63	J B	200	ug/L	6010C
Lead		4.2	J	10	ug/L	6010C
240-31209-2	**CARMW25G20131106**					
Acetone		3.2	J	10	ug/L	8260C
Carbon disulfide		0.50	J	1.0	ug/L	8260C
Chlorobenzene		3.0		1.0	ug/L	8260C
cis-1,2-Dichloroethene		17		1.0	ug/L	8260C
1,2-Dichlorobenzene		2.0		1.0	ug/L	8260C
1,3-Dichlorobenzene		8.6		1.0	ug/L	8260C
1,4-Dichlorobenzene		57		1.0	ug/L	8260C
1,1-Dichloroethane		9.5		1.0	ug/L	8260C
1,1-Dichloroethene		1.4		1.0	ug/L	8260C
Tetrachloroethene		4.9		1.0	ug/L	8260C
Toluene		0.72	J	1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.23	J	1.0	ug/L	8260C
1,2,4-Trichlorobenzene		2.9		1.0	ug/L	8260C
Trichloroethene		11		1.0	ug/L	8260C
Vinyl chloride		2.2		1.0	ug/L	8260C
Xylenes, Total		0.87	J	2.0	ug/L	8260C
2-Methylnaphthalene		0.24		0.21	ug/L	8270D
Di-n-butyl phthalate		0.70	J B	1.0	ug/L	8270D
Naphthalene		0.87		0.21	ug/L	8270D
Diesel Range Organics [C10 - C28]		2900	H B	520	ug/L	8015C
Aroclor-1242		1.8	J	2.4	ug/L	8082A
Aroclor-1254		0.87	J	2.4	ug/L	8082A
Total Recoverable						
Arsenic		12	J	15	ug/L	6010C
Barium		270	B	200	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-31209-3TB	**TRIP20131106**					
Acetone		1.4	J	10	ug/L	8260C
Carbon disulfide		0.32	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-31209-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Total Recoverable or Dissolved Metals	TAL CAN		SW846 3005A
Mercury (CVAA)	TAL CAN	SW846 7470A	
Preparation, Mercury	TAL CAN		SW846 7470A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-31209-1

Method	Analyst	Analyst ID
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Hula, Tom	TMH
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8015C	Shock, Ray	RES
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Hass, Lori	LSH
SW846 6010C	Toth, Natalie J	NJT
SW846 7470A	Martin, Aaron	AMM2

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-31209-1	CARSSIPZ05G20131106	Water	11/06/2013 1600	11/07/2013 0920
240-31209-2	CARMW25G20131106	Water	11/06/2013 1615	11/07/2013 0920
240-31209-3TB	TRIP20131106	Water	11/06/2013 0000	11/07/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1932.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1610			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1610				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.0	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.22	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	7.7		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	0.37	J	0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	1.1		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.59	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	0.64	J	0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	16		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1932.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1610			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1610				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		66 - 117
Dibromofluoromethane (Surr)	93		75 - 121
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1932.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1610			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1610				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1933.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1633			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1633				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.50	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	3.0		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	17		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	2.0		0.13	1.0
1,3-Dichlorobenzene	8.6		0.14	1.0
1,4-Dichlorobenzene	57		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	9.5		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	1.4		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	4.9		0.29	1.0
Toluene	0.72	J	0.13	1.0
trans-1,2-Dichloroethene	0.23	J	0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	2.9		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	11		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	2.2		0.22	1.0
Xylenes, Total	0.87	J	0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1933.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1633			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1633				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1933.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1633			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1633				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.44	8.7	T J N

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **TRIP20131106**

Lab Sample ID: 240-31209-3TB Date Sampled: 11/06/2013 0000
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1934.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1655			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1655				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.4	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.32	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **TRIP20131106**

Lab Sample ID: 240-31209-3TB Date Sampled: 11/06/2013 0000
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1934.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1655			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1655				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 117
Dibromofluoromethane (Surr)	96		75 - 121
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **TRIP20131106**

Lab Sample ID: 240-31209-3TB Date Sampled: 11/06/2013 0000
Client Matrix: Water Date Received: 11/07/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1934.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1655			Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1655				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115020.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	11/15/2013 1702			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.31	6.0
2,4,5-Trichlorophenol	ND		0.44	6.0
2,4-Dichlorophenol	ND		0.35	2.4
2,4-Dimethylphenol	ND		0.37	2.4
2,4-Dinitrophenol	ND		7.3	48
2,4-Dinitrotoluene	ND		0.30	6.0
2-Chlorophenol	ND		0.16	1.2
2-Methylnaphthalene	0.19	J	0.044	0.24
2-Methylphenol	ND		0.22	1.2
2-Nitroaniline	ND		0.37	2.4
2-Nitrophenol	ND		0.25	2.4
3 & 4 Methylphenol	ND		0.40	2.4
3,3'-Dichlorobenzidine	ND		0.42	6.0
3-Nitroaniline	ND		0.32	2.4
4,6-Dinitro-2-methylphenol	ND		0.63	6.0
4-Bromophenyl phenyl ether	ND		0.41	2.4
4-Chloro-3-methylphenol	ND		0.33	2.4
4-Chloroaniline	ND		0.18	2.4
4-Chlorophenyl phenyl ether	ND		0.35	2.4
4-Nitroaniline	ND		0.29	2.4
Acenaphthene	0.43		0.052	0.24
Acenaphthylene	ND		0.024	0.24
Acetophenone	ND		0.17	1.2
Anthracene	ND		0.037	0.24
Benzo[a]anthracene	ND		0.070	0.24
Benzo[a]pyrene	ND		0.036	0.24
Benzo[b]fluoranthene	ND		0.070	0.24
Benzo[g,h,i]perylene	ND		0.060	0.24
Benzo[k]fluoranthene	ND		0.057	0.24
Bis(2-chloroethoxy)methane	ND		0.044	1.2
Bis(2-chloroethyl)ether	ND		0.23	1.2
Bis(2-ethylhexyl) phthalate	ND		1.8	2.4
Butyl benzyl phthalate	ND		0.26	1.2
Carbazole	0.39	J	0.13	1.2
Chrysene	ND		0.042	0.24
Di-n-butyl phthalate	0.61	J B	0.47	1.2
Di-n-octyl phthalate	ND		0.43	1.2
Dibenz(a,h)anthracene	ND		0.048	0.24
Dibenzofuran	ND		0.16	1.2
Diethyl phthalate	ND		0.15	1.2
Dimethyl phthalate	ND		0.12	1.2
Fluoranthene	ND		0.032	0.24
Fluorene	0.22	J	0.040	0.24
Hexachlorobenzene	ND		0.14	1.2
Hexachlorobutadiene	ND		0.17	1.2
Hexachlorocyclopentadiene	ND		2.9	12

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115020.D
Dilution:	1.0			Initial Weight/Volume:	210 mL
Analysis Date:	11/15/2013 1702			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.26	1.2
Indeno[1,2,3-cd]pyrene	ND		0.057	0.24
Isophorone	ND		0.050	1.2
N-Nitrosodi-n-propylamine	ND		0.19	1.2
N-Nitrosodiphenylamine	ND		0.13	1.2
Naphthalene	1.6		0.051	0.24
Nitrobenzene	ND		0.14	1.2
Pentachlorophenol	ND		6.5	48
Phenanthrene	ND		0.037	0.24
Phenol	ND		0.18	1.2
Pyrene	ND		0.033	0.24
bis (2-chloroisopropyl) ether	ND		0.22	1.2
2,6-Dinitrotoluene	ND		0.28	6.0
4-Nitrophenol	ND		0.70	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	72		31 - 115
Phenol-d5 (Surr)	41		10 - 110
Nitrobenzene-d5 (Surr)	61		31 - 110
2-Fluorophenol (Surr)	52		15 - 110
2-Fluorobiphenyl (Surr)	57		29 - 110
2,4,6-Tribromophenol (Surr)	62		21 - 128

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115021.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1724			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.27	5.2
2,4,5-Trichlorophenol	ND		0.38	5.2
2,4-Dichlorophenol	ND		0.31	2.1
2,4-Dimethylphenol	ND		0.33	2.1
2,4-Dinitrophenol	ND		6.4	42
2,4-Dinitrotoluene	ND		0.27	5.2
2-Chlorophenol	ND		0.14	1.0
2-Methylnaphthalene	0.24		0.039	0.21
2-Methylphenol	ND		0.20	1.0
2-Nitroaniline	ND		0.32	2.1
2-Nitrophenol	ND		0.22	2.1
3 & 4 Methylphenol	ND		0.35	2.1
3,3'-Dichlorobenzidine	ND		0.37	5.2
3-Nitroaniline	ND		0.28	2.1
4,6-Dinitro-2-methylphenol	ND		0.55	5.2
4-Bromophenyl phenyl ether	ND		0.36	2.1
4-Chloro-3-methylphenol	ND		0.29	2.1
4-Chloroaniline	ND		0.16	2.1
4-Chlorophenyl phenyl ether	ND		0.31	2.1
4-Nitroaniline	ND		0.25	2.1
Acenaphthene	ND		0.046	0.21
Acenaphthylene	ND		0.021	0.21
Acetophenone	ND		0.15	1.0
Anthracene	ND		0.032	0.21
Benzo[a]anthracene	ND		0.061	0.21
Benzo[a]pyrene	ND		0.031	0.21
Benzo[b]fluoranthene	ND		0.061	0.21
Benzo[g,h,i]perylene	ND		0.052	0.21
Benzo[k]fluoranthene	ND		0.050	0.21
Bis(2-chloroethoxy)methane	ND		0.039	1.0
Bis(2-chloroethyl)ether	ND		0.20	1.0
Bis(2-ethylhexyl) phthalate	ND		1.6	2.1
Butyl benzyl phthalate	ND		0.23	1.0
Carbazole	ND		0.11	1.0
Chrysene	ND		0.036	0.21
Di-n-butyl phthalate	0.70	J B	0.41	1.0
Di-n-octyl phthalate	ND		0.38	1.0
Dibenz(a,h)anthracene	ND		0.042	0.21
Dibenzofuran	ND		0.14	1.0
Diethyl phthalate	ND		0.13	1.0
Dimethyl phthalate	ND		0.11	1.0
Fluoranthene	ND		0.028	0.21
Fluorene	ND		0.035	0.21
Hexachlorobenzene	ND		0.12	1.0
Hexachlorobutadiene	ND		0.15	1.0
Hexachlorocyclopentadiene	ND		2.6	10

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-108951	Lab File ID:	1115021.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 1724			Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.23	1.0
Indeno[1,2,3-cd]pyrene	ND		0.050	0.21
Isophorone	ND		0.044	1.0
N-Nitrosodi-n-propylamine	ND		0.17	1.0
N-Nitrosodiphenylamine	ND		0.12	1.0
Naphthalene	0.87		0.045	0.21
Nitrobenzene	ND		0.12	1.0
Pentachlorophenol	ND		5.7	42
Phenanthrene	ND		0.032	0.21
Phenol	ND		0.16	1.0
Pyrene	ND		0.029	0.21
bis (2-chloroisopropyl) ether	ND		0.19	1.0
2,6-Dinitrotoluene	ND		0.24	5.2
4-Nitrophenol	ND		0.61	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	84		31 - 115
Phenol-d5 (Surr)	50		10 - 110
Nitrobenzene-d5 (Surr)	76		31 - 110
2-Fluorophenol (Surr)	64		15 - 110
2-Fluorobiphenyl (Surr)	75		29 - 110
2,4,6-Tribromophenol (Surr)	88		21 - 128

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-111644	Instrument ID:	A2HP14F
Prep Method:	3510C	Prep Batch:	240-109373	Initial Weight/Volume:	240 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/27/2013 1618			Injection Volume:	1 uL
Prep Date:	11/12/2013 0839			Result Type:	SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	4200	*	250	520

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	89		40 - 160

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-112233	Instrument ID:	A2HP14F
Prep Method:	3510C	Prep Batch:	240-111893	Initial Weight/Volume:	240 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	12/04/2013 1237			Injection Volume:	1 uL
Prep Date:	12/02/2013 0933			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	2900	H B	250	520

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	68		40 - 160

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	910 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1224			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0090	0.055
alpha-BHC	ND		0.0077	0.055
alpha-Chlordane	ND		0.015	0.055
beta-BHC	ND		0.0092	0.055
4,4'-DDD	ND		0.011	0.055
4,4'-DDE	ND		0.011	0.055
4,4'-DDT	ND		0.018	0.055
delta-BHC	ND		0.0096	0.055
Dieldrin	ND		0.0082	0.055
Endosulfan I	ND		0.014	0.055
Endosulfan II	ND		0.013	0.055
Endosulfan sulfate	ND		0.012	0.055
Endrin	ND		0.012	0.055
Endrin aldehyde	ND		0.012	0.055
Endrin ketone	ND		0.0086	0.055
gamma-BHC (Lindane)	ND		0.0070	0.055
gamma-Chlordane	ND		0.013	0.055
Heptachlor	ND		0.0088	0.055
Heptachlor epoxide	ND		0.0078	0.055
Methoxychlor	ND		0.035	0.11
Toxaphene	ND		0.35	2.2

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		30 - 121
Tetrachloro-m-xylene	83		40 - 120

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	910 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1224			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	52		30 - 121
Tetrachloro-m-xylene	83		40 - 120

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1244			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0087	0.053
alpha-BHC	ND		0.0074	0.053
alpha-Chlordane	ND		0.015	0.053
beta-BHC	ND		0.0089	0.053
4,4'-DDD	ND		0.010	0.053
4,4'-DDE	ND		0.010	0.053
4,4'-DDT	ND		0.017	0.053
delta-BHC	ND		0.0093	0.053
Dieldrin	ND		0.0080	0.053
Endosulfan I	ND		0.014	0.053
Endosulfan II	ND		0.013	0.053
Endosulfan sulfate	ND		0.012	0.053
Endrin	ND		0.012	0.053
Endrin aldehyde	ND		0.012	0.053
Endrin ketone	ND		0.0083	0.053
gamma-BHC (Lindane)	ND		0.0068	0.053
gamma-Chlordane	ND		0.013	0.053
Heptachlor	ND		0.0085	0.053
Heptachlor epoxide	ND		0.0076	0.053
Methoxychlor	ND		0.034	0.11
Toxaphene	ND		0.34	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26	X	30 - 121
Tetrachloro-m-xylene	67		40 - 120

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1244			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	23	X	30 - 121
Tetrachloro-m-xylene	65		40 - 120

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1010 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1154			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.067	0.20
Aroclor-1221	ND		0.051	0.20
Aroclor-1232	ND		0.063	0.20
Aroclor-1242	ND		0.087	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.063	0.20
Aroclor-1260	ND		0.067	0.20
Aroclor-1262	ND		0.059	0.20
Aroclor-1268	ND		0.095	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	44		10 - 130
Tetrachloro-m-xylene	86		23 - 136

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	1010 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1154			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		10 - 130
Tetrachloro-m-xylene	81		23 - 136

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109536	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	840 mL
Dilution:	10			Final Weight/Volume:	2 mL
Analysis Date:	11/13/2013 0809			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.81	2.4
Aroclor-1221	ND		0.62	2.4
Aroclor-1232	ND		0.76	2.4
Aroclor-1242	1.8	J	1.0	2.4
Aroclor-1248	ND		0.48	2.4
Aroclor-1254	0.87	J	0.76	2.4
Aroclor-1260	ND		0.81	2.4
Aroclor-1262	ND		0.71	2.4
Aroclor-1268	ND		1.1	2.4

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	41		10 - 130
Tetrachloro-m-xylene	86		23 - 136

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109536	Instrument ID:	A2HP12
Prep Method:	3520C	Prep Batch:	240-108939	Initial Weight/Volume:	840 mL
Dilution:	10			Final Weight/Volume:	2 mL
Analysis Date:	11/13/2013 0809			Injection Volume:	1 uL
Prep Date:	11/11/2013 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	46		10 - 130
Tetrachloro-m-xylene	85		23 - 136

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARSSIPZ05G20131106**

Lab Sample ID: 240-31209-1 Date Sampled: 11/06/2013 1600
Client Matrix: Water Date Received: 11/07/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-109545	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-108965	Lab File ID:	I61112A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/12/2013 1916			Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 0856				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	ND		3.2	15
Barium	63	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	4.2	J	1.9	10
Selenium	ND	^	4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-109281	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108947	Lab File ID:	111113A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/11/2013 1630			Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-31209-1

Client Sample ID: **CARMW25G20131106**

Lab Sample ID: 240-31209-2 Date Sampled: 11/06/2013 1615
Client Matrix: Water Date Received: 11/07/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-109545	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-108965	Lab File ID:	I61112A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/12/2013 1923			Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 0856				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	12	J	3.2	15
Barium	270	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND	^	4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-109281	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-108947	Lab File ID:	111113A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/11/2013 1631			Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-31209-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-110510					
LCS 240-110510/4	Lab Control Sample	T	Water	8260C	
MB 240-110510/6	Method Blank	T	Water	8260C	
240-31209-1	CARSSIPZ05G20131106	T	Water	8260C	
240-31209-2	CARMW25G20131106	T	Water	8260C	
240-31209-3TB	TRIP20131106	T	Water	8260C	
GC/MS Semi VOA					
Prep Batch: 240-108951					
LCS 240-108951/11-A	Lab Control Sample	T	Water	3510C	
MB 240-108951/10-A	Method Blank	T	Water	3510C	
240-31209-1	CARSSIPZ05G20131106	T	Water	3510C	
240-31209-2	CARMW25G20131106	T	Water	3510C	
Analysis Batch:240-109956					
LCS 240-108951/11-A	Lab Control Sample	T	Water	8270D	240-108951
MB 240-108951/10-A	Method Blank	T	Water	8270D	240-108951
240-31209-1	CARSSIPZ05G20131106	T	Water	8270D	240-108951
240-31209-2	CARMW25G20131106	T	Water	8270D	240-108951

Report Basis
T = Total

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-31209-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-108939					
LCS 240-108939/4-A	Lab Control Sample	T	Water	3520C	
MB 240-108939/3-A	Method Blank	T	Water	3520C	
240-31209-1	CARSSIPZ05G20131106	T	Water	3520C	
240-31209-2	CARMW25G20131106	T	Water	3520C	
Analysis Batch:240-109337					
PB 240-109337/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-108939/4-A	Lab Control Sample	T	Water	8082A	240-108939
MB 240-108939/3-A	Method Blank	T	Water	8082A	240-108939
240-31209-1	CARSSIPZ05G20131106	T	Water	8082A	240-108939
Prep Batch: 240-109350					
LCS 240-109350/12-A	Lab Control Sample	T	Water	3520C	
MB 240-109350/11-A	Method Blank	T	Water	3520C	
240-31209-1	CARSSIPZ05G20131106	T	Water	3520C	
240-31209-2	CARMW25G20131106	T	Water	3520C	
Prep Batch: 240-109373					
LCS 240-109373/3-A	Lab Control Sample	T	Water	3510C	
MB 240-109373/2-A	Method Blank	T	Water	3510C	
240-31209-2	CARMW25G20131106	T	Water	3510C	
Analysis Batch:240-109536					
PB 240-109536/2	Preparation / Extraction Blank	T	Water	8082A	
240-31209-2	CARMW25G20131106	T	Water	8082A	240-108939
Analysis Batch:240-110987					
PB 240-110987/6	Preparation / Extraction Blank	T	Water	8081B	
LCS 240-109350/12-A	Lab Control Sample	T	Water	8081B	240-109350
MB 240-109350/11-A	Method Blank	T	Water	8081B	240-109350
240-31209-1	CARSSIPZ05G20131106	T	Water	8081B	240-109350
240-31209-2	CARMW25G20131106	T	Water	8081B	240-109350
Analysis Batch:240-111644					
LCS 240-109373/3-A	Lab Control Sample	T	Water	8015C	240-109373
MB 240-109373/2-A	Method Blank	T	Water	8015C	240-109373
240-31209-2	CARMW25G20131106	T	Water	8015C	240-109373
Prep Batch: 240-111893					
LCS 240-111893/3-A	Lab Control Sample	T	Water	3510C	
MB 240-111893/2-A	Method Blank	T	Water	3510C	
240-31209-2	CARMW25G20131106	T	Water	3510C	

Client: EnSafe, Inc. Job Number: 240-31209-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-112233					
PB 240-112233/3	Preparation / Extraction Blank	T	Water	8015C	
LCS 240-111893/3-A	Lab Control Sample	T	Water	8015C	240-111893
MB 240-111893/2-A	Method Blank	T	Water	8015C	240-111893
240-31209-2	CARMW25G20131106	T	Water	8015C	240-111893
Metals					
Prep Batch: 240-108947					
LCS 240-108947/2-A	Lab Control Sample	T	Water	7470A	
MB 240-108947/1-A	Method Blank	T	Water	7470A	
240-31209-1	CARSSIPZ05G20131106	T	Water	7470A	
240-31209-2	CARMW25G20131106	T	Water	7470A	
Prep Batch: 240-108965					
LCS 240-108965/2-A	Lab Control Sample	R	Water	3005A	
MB 240-108965/1-A	Method Blank	R	Water	3005A	
240-31209-1	CARSSIPZ05G20131106	R	Water	3005A	
240-31209-2	CARMW25G20131106	R	Water	3005A	
Analysis Batch:240-109281					
LCS 240-108947/2-A	Lab Control Sample	T	Water	7470A	240-108947
MB 240-108947/1-A	Method Blank	T	Water	7470A	240-108947
240-31209-1	CARSSIPZ05G20131106	T	Water	7470A	240-108947
240-31209-2	CARMW25G20131106	T	Water	7470A	240-108947
Analysis Batch:240-109545					
LCS 240-108965/2-A	Lab Control Sample	R	Water	6010C	240-108965
MB 240-108965/1-A	Method Blank	R	Water	6010C	240-108965
240-31209-1	CARSSIPZ05G20131106	R	Water	6010C	240-108965
240-31209-2	CARMW25G20131106	R	Water	6010C	240-108965

Report Basis
T = Total

Report Basis
R = Total Recoverable
T = Total

Client: EnSafe, Inc.

Job Number: 240-31209-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
MRL 240-110510/5		100	104	105	107

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	10-150
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150

Client: EnSafe, Inc. Job Number: 240-31209-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-31209-1	CARSSIPZ05G20131106	87	93	92	95
240-31209-2	CARMW25G20131106	85	94	94	92
240-31209-3	TRIP20131106	89	96	99	95
MB 240-110510/6		90	95	94	96
LCS 240-110510/4		88	89	87	93

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-31209-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-31209-1	CARSSIPZ05G20131106	72	41	61	52	57	62
240-31209-2	CARMW25G20131106	84	50	76	64	75	88
MB 240-108951/10-A		92	44	70	57	69	53
LCS 240-108951/11-A		101	52	91	69	86	94

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	31-115
PHL = Phenol-d5 (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	31-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl (Surr)	29-110
TBP = 2,4,6-Tribromophenol (Surr)	21-128

Client: EnSafe, Inc.

Job Number: 240-31209-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-31209-2	CARMW25G20131106	89
240-31209-2	CARMW25G20131106	68
MB 240-109373/2-A		94
MB 240-111893/2-A		87
LCS 240-109373/3-A		115
LCS 240-111893/3-A		66

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: EnSafe, Inc.

Job Number: 240-31209-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31209-1	CARSSIPZ05G20131106	52	55	83	83
240-31209-2	CARMW25G20131106	23X	26X	65	67
MB 240-109350/11-A		89	88	85	83
LCS 240-109350/12-A		35	34	78	78

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-121
TCX = Tetrachloro-m-xylene	40-120

Client: EnSafe, Inc.

Job Number: 240-31209-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31209-1	CARSSIPZ05G20131106	44	70	86	81
240-31209-2	CARMW25G20131106	41	46	86	85
MB 240-108939/3-A		107	121	97	86
LCS 240-108939/4-A		73	104	96	85

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-110510 **Method: 8260C**
Preparation: 5030C

Lab Sample ID:	MB 240-110510/6	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1926.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1313	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1313				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-110510

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-110510/6	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1926.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1313	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1313				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	90	66 - 117
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	94	63 - 129
Toluene-d8 (Surr)	96	74 - 115

Method Blank TICs- Batch: 240-110510

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Control Sample - Batch: 240-110510

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-110510/4	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1924.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1228	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1228				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	52.7	105	43 - 136	
Benzene	25.0	23.6	94	83 - 112	
Bromoform	25.0	20.7	83	40 - 131	
Bromomethane	25.0	14.9	60	11 - 185	
2-Butanone (MEK)	50.0	52.4	105	60 - 126	
Carbon disulfide	25.0	23.1	93	62 - 142	
Carbon tetrachloride	25.0	23.0	92	66 - 128	
Chlorobenzene	25.0	23.3	93	85 - 110	
Chlorodibromomethane	25.0	24.7	99	64 - 119	
Chloroethane	25.0	16.7	67	25 - 153	
Chloroform	25.0	23.6	95	79 - 117	
Chloromethane	25.0	17.0	68	44 - 126	
cis-1,2-Dichloroethene	25.0	23.0	92	80 - 113	
cis-1,3-Dichloropropene	25.0	24.9	100	61 - 115	
1,2-Dibromo-3-Chloropropane	25.0	21.9	87	42 - 136	
1,2-Dichlorobenzene	25.0	23.1	92	81 - 110	
1,3-Dichlorobenzene	25.0	22.9	92	80 - 110	
1,4-Dichlorobenzene	25.0	22.9	92	82 - 110	
Dichlorobromomethane	25.0	23.8	95	72 - 121	
Dichlorodifluoromethane	25.0	13.9	56	19 - 129	
1,1-Dichloroethane	25.0	23.5	94	82 - 115	
1,2-Dichloroethane	25.0	24.6	98	71 - 127	
1,1-Dichloroethene	25.0	23.2	93	78 - 131	
1,2-Dichloropropane	25.0	23.7	95	81 - 115	
Ethylbenzene	25.0	24.2	97	83 - 112	
Ethylene Dibromide	25.0	24.0	96	79 - 113	
2-Hexanone	50.0	48.5	97	55 - 133	
Isopropylbenzene	25.0	24.5	98	75 - 114	
Methylene Chloride	25.0	19.4	78	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	47.8	96	63 - 128	
Methyl tert-butyl ether	25.0	23.3	93	52 - 144	
m-Xylene & p-Xylene	25.0	24.2	97	83 - 113	
o-Xylene	25.0	23.8	95	83 - 113	
Styrene	25.0	23.7	95	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	22.4	89	68 - 118	
Tetrachloroethene	25.0	25.2	101	79 - 114	
Toluene	25.0	22.2	89	84 - 111	
trans-1,2-Dichloroethene	25.0	23.1	92	83 - 117	
trans-1,3-Dichloropropene	25.0	27.2	109	58 - 117	
1,2,4-Trichlorobenzene	25.0	22.9	92	48 - 135	
1,1,1-Trichloroethane	25.0	23.8	95	74 - 118	

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Control Sample - Batch: 240-110510

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-110510/4	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1924.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1228	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1228				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	22.7	91	80 - 112	
Trichloroethene	25.0	24.7	99	76 - 117	
Trichlorofluoromethane	25.0	18.5	74	49 - 157	
Vinyl chloride	25.0	17.9	72	53 - 127	
Xylenes, Total	50.0	48.0	96	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	66 - 117
Dibromofluoromethane (Surr)	89	75 - 121
1,2-Dichloroethane-d4 (Surr)	87	63 - 129
Toluene-d8 (Surr)	93	74 - 115

Method Reporting Limit Check - Batch: 240-110510

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-110510/5	Analysis Batch:	240-110510	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1925.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/19/2013 1251	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	11/19/2013 1251				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.00100	ND	115	10 - 150	
Chloroethane	0.00100	ND	110	10 - 150	
Chloromethane	0.00100	ND	126	10 - 150	
Dichlorodifluoromethane	0.00100	ND	126	10 - 150	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	100	10 - 150
Dibromofluoromethane (Surr)	104	10 - 150
1,2-Dichloroethane-d4 (Surr)	105	10 - 150
Toluene-d8 (Surr)	107	10 - 150

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-108951/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1403	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.26	5.0
2,4,5-Trichlorophenol	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.29	2.0
2,4-Dimethylphenol	ND		0.31	2.0
2,4-Dinitrophenol	ND		6.1	40
2,4-Dinitrotoluene	ND		0.26	5.0
2-Chlorophenol	ND		0.13	1.0
2-Methylnaphthalene	ND		0.037	0.20
2-Methylphenol	ND		0.19	1.0
2-Nitroaniline	ND		0.31	2.0
2-Nitrophenol	ND		0.21	2.0
3 & 4 Methylphenol	ND		0.34	2.0
3,3'-Dichlorobenzidine	ND		0.35	5.0
3-Nitroaniline	ND		0.27	2.0
4,6-Dinitro-2-methylphenol	ND		0.53	5.0
4-Bromophenyl phenyl ether	ND		0.35	2.0
4-Chloro-3-methylphenol	ND		0.28	2.0
4-Chloroaniline	ND		0.15	2.0
4-Chlorophenyl phenyl ether	ND		0.29	2.0
4-Nitroaniline	ND		0.24	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.020	0.20
Acetophenone	ND		0.14	1.0
Anthracene	ND		0.031	0.20
Benzo[a]anthracene	ND		0.059	0.20
Benzo[a]pyrene	ND		0.030	0.20
Benzo[b]fluoranthene	ND		0.059	0.20
Benzo[g,h,i]perylene	ND		0.050	0.20
Benzo[k]fluoranthene	ND		0.048	0.20
Bis(2-chloroethoxy)methane	ND		0.037	1.0
Bis(2-chloroethyl)ether	ND		0.19	1.0
Bis(2-ethylhexyl) phthalate	ND		1.5	2.0
Butyl benzyl phthalate	ND		0.22	1.0
Carbazole	ND		0.11	1.0
Chrysene	ND		0.035	0.20
Di-n-butyl phthalate	0.791	J	0.40	1.0
Di-n-octyl phthalate	ND		0.37	1.0
Dibenz(a,h)anthracene	ND		0.040	0.20
Dibenzofuran	ND		0.14	1.0
Diethyl phthalate	ND		0.13	1.0
Dimethyl phthalate	ND		0.10	1.0
Fluoranthene	ND		0.027	0.20
Fluorene	ND		0.034	0.20
Hexachlorobenzene	ND		0.12	1.0
Hexachlorobutadiene	ND		0.14	1.0

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-108951/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1403	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		2.5	10
Hexachloroethane	ND		0.22	1.0
Indeno[1,2,3-cd]pyrene	ND		0.048	0.20
Isophorone	ND		0.042	1.0
N-Nitrosodi-n-propylamine	ND		0.16	1.0
N-Nitrosodiphenylamine	ND		0.11	1.0
Naphthalene	ND		0.043	0.20
Nitrobenzene	ND		0.12	1.0
Pentachlorophenol	ND		5.5	40
Phenanthrene	ND		0.031	0.20
Phenol	ND		0.15	1.0
Pyrene	ND		0.028	0.20
bis (2-chloroisopropyl) ether	ND		0.18	1.0
2,6-Dinitrotoluene	ND		0.24	5.0
4-Nitrophenol	ND		0.59	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	92	31 - 115
Phenol-d5 (Surr)	44	10 - 110
Nitrobenzene-d5 (Surr)	70	31 - 110
2-Fluorophenol (Surr)	57	15 - 110
2-Fluorobiphenyl (Surr)	69	29 - 110
2,4,6-Tribromophenol (Surr)	53	21 - 128

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Control Sample - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108951/11-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1426	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	8.00	6.59	82	40 - 160	
2,4,5-Trichlorophenol	8.00	6.58	82	20 - 120	
2,4-Dichlorophenol	8.00	7.24	91	40 - 160	
2,4-Dimethylphenol	8.00	7.55	94	10 - 120	
2,4-Dinitrophenol	16.0	10.2	64	20 - 120	J
2,4-Dinitrotoluene	8.00	6.93	87	40 - 160	
2-Chlorophenol	8.00	6.24	78	40 - 160	
2-Methylnaphthalene	8.00	5.75	72	40 - 160	
2-Methylphenol	8.00	6.33	79	20 - 120	
2-Nitroaniline	8.00	6.45	81	40 - 160	
2-Nitrophenol	8.00	6.75	84	40 - 160	
3 & 4 Methylphenol	8.00	6.19	77	40 - 160	
3,3'-Dichlorobenzidine	16.0	8.85	55	10 - 120	
3-Nitroaniline	8.00	6.97	87	40 - 160	
4,6-Dinitro-2-methylphenol	16.0	10.2	64	40 - 160	
4-Bromophenyl phenyl ether	8.00	6.16	77	40 - 160	
4-Chloro-3-methylphenol	8.00	6.69	84	40 - 160	
4-Chloroaniline	8.00	4.25	53	10 - 120	
4-Chlorophenyl phenyl ether	8.00	6.41	80	40 - 160	
4-Nitroaniline	8.00	6.92	86	40 - 160	
Acenaphthene	8.00	6.24	78	40 - 160	
Acenaphthylene	8.00	6.08	76	40 - 160	
Acetophenone	8.00	7.09	89	40 - 160	
Anthracene	8.00	6.17	77	40 - 160	
Benzo[a]anthracene	8.00	5.94	74	40 - 160	
Benzo[a]pyrene	8.00	6.10	76	40 - 160	
Benzo[b]fluoranthene	8.00	6.14	77	40 - 160	
Benzo[g,h,i]perylene	8.00	6.08	76	40 - 160	
Benzo[k]fluoranthene	8.00	6.20	78	40 - 160	
Bis(2-chloroethoxy)methane	8.00	7.05	88	40 - 160	
Bis(2-chloroethyl)ether	8.00	6.47	81	40 - 160	
Bis(2-ethylhexyl) phthalate	8.00	6.99	87	40 - 160	
Butyl benzyl phthalate	8.00	6.53	82	40 - 160	
Carbazole	8.00	6.92	86	40 - 160	
Chrysene	8.00	5.81	73	40 - 160	
Di-n-butyl phthalate	8.00	8.34	104	40 - 160	
Di-n-octyl phthalate	8.00	6.28	78	40 - 160	
Dibenz(a,h)anthracene	8.00	6.04	76	40 - 160	
Dibenzofuran	8.00	6.36	80	40 - 160	
Diethyl phthalate	8.00	7.18	90	40 - 160	
Dimethyl phthalate	8.00	6.87	86	40 - 160	

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Control Sample - Batch: 240-108951

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-108951/11-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-108951	Lab File ID:	1115013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1426	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2013 0829			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	8.00	6.22	78	40 - 160	
Fluorene	8.00	6.55	82	40 - 160	
Hexachlorobenzene	8.00	5.53	69	40 - 160	
Hexachlorobutadiene	8.00	4.22	53	40 - 160	
Hexachlorocyclopentadiene	8.00	3.51	44	40 - 160	J
Hexachloroethane	8.00	4.17	52	40 - 160	
Indeno[1,2,3-cd]pyrene	8.00	6.00	75	40 - 160	
Isophorone	8.00	7.69	96	40 - 160	
N-Nitrosodi-n-propylamine	8.00	7.34	92	40 - 160	
N-Nitrosodiphenylamine	16.0	13.1	82	40 - 160	
Naphthalene	8.00	5.63	70	40 - 160	
Nitrobenzene	8.00	6.71	84	40 - 160	
Pentachlorophenol	16.0	11.7	73	10 - 120	J
Phenanthrene	8.00	6.14	77	40 - 160	
Phenol	8.00	3.99	50	10 - 120	
Pyrene	8.00	5.96	75	40 - 160	
bis (2-chloroisopropyl) ether	8.00	6.53	82	40 - 160	
2,6-Dinitrotoluene	8.00	7.32	91	40 - 160	
4-Nitrophenol	16.0	7.87	49	10 - 120	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	101	31 - 115
Phenol-d5 (Surr)	52	10 - 110
Nitrobenzene-d5 (Surr)	91	31 - 110
2-Fluorophenol (Surr)	69	15 - 110
2-Fluorobiphenyl (Surr)	86	29 - 110
2,4,6-Tribromophenol (Surr)	94	21 - 128

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-109373

Method: 8015C
Preparation: 3510C

Lab Sample ID:	MB 240-109373/2-A	Analysis Batch:	240-111644	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	240-109373	Lab File ID:	P14F112706.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/27/2013 1536	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2013 0839			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		240	500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	94	40 - 160

Lab Control Sample - Batch: 240-109373

Method: 8015C
Preparation: 3510C

Lab Sample ID:	LCS 240-109373/3-A	Analysis Batch:	240-111644	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	240-109373	Lab File ID:	P14F112707.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/27/2013 1557	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2013 0839			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2000	2740	137	40 - 124	*

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	115	40 - 160

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-111893

Method: 8015C
Preparation: 3510C

Lab Sample ID:	MB 240-111893/2-A	Analysis Batch:	240-112233	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	240-111893	Lab File ID:	P14F120407.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/04/2013 1258	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	12/02/2013 0933			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	296	J	240	500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	87	40 - 160

Lab Control Sample - Batch: 240-111893

Method: 8015C
Preparation: 3510C

Lab Sample ID:	LCS 240-111893/3-A	Analysis Batch:	240-112233	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	240-111893	Lab File ID:	P14F120408.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/04/2013 1319	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	12/02/2013 0933			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2000	1240	62	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	66	40 - 160

Client: EnSafe, Inc. Job Number: 240-31209-1

Preparation / Extraction Blank - Batch: 240-112233

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-112233/3	Analysis Batch:	240-112233	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P14F120403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2013 1134	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		12000	25000

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-109350 **Method: 8081B**
Preparation: 3520C

Lab Sample ID:	MB 240-109350/11-A	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-109350	Lab File ID:	P3112124.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/22/2013 0519	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2013 0742			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	30 - 121
Tetrachloro-m-xylene	83	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	30 - 121
Tetrachloro-m-xylene	85	40 - 120

Client: EnSafe, Inc. Job Number: 240-31209-1

Lab Control Sample - Batch: 240-109350

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-109350/12-A	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-109350	Lab File ID:	P3112125.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/22/2013 0539	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2013 0742			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.483	97	40 - 155	
alpha-BHC	0.500	0.525	105	52 - 160	
alpha-Chlordane	0.500	0.501	100	44 - 160	
beta-BHC	0.500	0.475	95	60 - 160	
4,4'-DDD	0.500	0.590	118	61 - 160	
4,4'-DDE	0.500	0.523	105	50 - 160	
4,4'-DDT	0.500	0.521	104	43 - 158	
delta-BHC	0.500	0.546	109	55 - 167	
Dieldrin	0.500	0.478	96	62 - 160	
Endosulfan I	0.500	0.349	70	58 - 154	
Endosulfan II	0.500	0.315	63	56 - 145	
Endosulfan sulfate	0.500	0.458	92	64 - 151	
Endrin	0.500	0.479	96	59 - 156	
Endrin aldehyde	0.500	0.390	78	58 - 136	
Endrin ketone	0.500	0.403	81	51 - 138	
gamma-BHC (Lindane)	0.500	0.500	100	65 - 158	
gamma-Chlordane	0.500	0.490	98	58 - 160	
Heptachlor	0.500	0.373	75	40 - 143	
Heptachlor epoxide	0.500	0.492	98	61 - 160	
Methoxychlor	0.500	0.536	107	44 - 144	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	34	30 - 121
Tetrachloro-m-xylene	78	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	35	30 - 121
Tetrachloro-m-xylene	78	40 - 120

Client: EnSafe, Inc. Job Number: 240-31209-1

Preparation / Extraction Blank - Batch: 240-110987 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110987/6	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3112106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2013 2315	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31209-1

Preparation / Extraction Blank - Batch: 240-110987 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110987/6	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3112106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2013 2315	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-108939 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	MB 240-108939/3-A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-108939	Lab File ID:	P1200019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1015	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/08/2013 0806			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.068	0.20
Aroclor-1221	ND		0.052	0.20
Aroclor-1232	ND		0.064	0.20
Aroclor-1242	ND		0.088	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.064	0.20
Aroclor-1260	ND		0.068	0.20
Aroclor-1262	ND		0.060	0.20
Aroclor-1268	ND		0.096	0.20

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	107	10 - 130
Tetrachloro-m-xylene	97	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	10 - 130
Tetrachloro-m-xylene	86	23 - 136

Lab Control Sample - Batch: 240-108939 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	LCS 240-108939/4-A	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	240-108939	Lab File ID:	P1200029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1236	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/08/2013 0806			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	2.50	2.84	113	66 - 120	
Aroclor-1260	2.50	2.37	95	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	73	10 - 130
Tetrachloro-m-xylene	96	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	10 - 130
Tetrachloro-m-xylene	85	23 - 136

Client: EnSafe, Inc. Job Number: 240-31209-1

Preparation / Extraction Blank - Batch: 240-109337

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109337/2	Analysis Batch:	240-109337	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 0614	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31209-1

Preparation / Extraction Blank - Batch: 240-109536 **Method: 8082A**
Preparation: N/A

Lab Sample ID:	PB 240-109536/2	Analysis Batch:	240-109536	Instrument ID:	A2HP12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/13/2013 0727	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-108965

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-108965/1-A	Analysis Batch:	240-109545	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-108965	Lab File ID:	I61112A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/12/2013 1757	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 0856				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	0.944	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND	^	4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-108965

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-108965/2-A	Analysis Batch:	240-109545	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-108965	Lab File ID:	I61112A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/12/2013 1803	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 0856				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	2050	103	80 - 120	
Barium	2000	2080	104	80 - 120	
Cadmium	50.0	50.6	101	80 - 120	
Chromium	200	207	104	80 - 120	
Lead	500	513	103	80 - 120	
Selenium	2000	2150	108	80 - 120	^
Silver	50.0	51.2	102	80 - 120	

Client: EnSafe, Inc. Job Number: 240-31209-1

Method Blank - Batch: 240-108947

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-108947/1-A	Analysis Batch:	240-109281	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108947	Lab File ID:	111113A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/11/2013 1532	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 1520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-108947

Method: 7470A
Preparation: 7470A

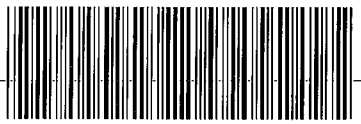
Lab Sample ID:	LCS 240-108947/2-A	Analysis Batch:	240-109281	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-108947	Lab File ID:	111113A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/11/2013 1534	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/08/2013 1520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.56	91	81 - 123	

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TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-31209 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

3.2

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

ENSAFE

EnSafe Inc.
800-588-7962

COC No. 20131106 | Page 1 of 1

Project Name: ~~Carrier~~ Syracuse TR-1 Subslab | PO No. | Project No. 14332 | Phase 04

Site Location: Syracuse NY

Send Results To: ~~Shane Gadbright~~

Sampler/Site Phone# J. Mathews (901) 212-6408

Lab Name: Test America | Turnaround Time(specify): STD

Sample Analysis Requested (*Enter number of containers for each test*)

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	(3)→	Total No. of Containers	HA Voc (4x5ml)	RB (1L)	Pest (250ml)	Silica (250ml)	NI RCRA 8 Pal Metals (250ml)	Formica Geochemical Analysis	Extra Volume for MS/MSD	HOLD
	CARSSIP205G20131106	SSIP205	11/6/13	1600	WG	N	N		10	3	2	2	2	1			
	~~CARSSIP205G~~																
	CARMW25G20131106	MW25	11/6/13	1615	WG	N	N		12	3	2	2	2	1	2		
	TRIP20131106	TRIP	11/6/13		~~WG~~	TN	N		1	1							

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details

Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature) TA TM	Date	Time
1		11/6/13	1640	RE-TM/TA	11-06-13,	17:40
2	RE	11-6-13,	1950		11-7-13	920
3						

Samples Iced?(check) Yes_____ No_____

Method of Shipment:

Airbill No:

Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative Login # : 31209
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by: Mark W. Beer

Cooler Received on 11-7-13 Opened on 11-7-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # Multi Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 4	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	☐ See Multiple Cooler Form
IR GUN# 5	(CF +2 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 8	(CF 0 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 4 — Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? — Yes No NA
   -Were custody seals on the bottle(s)? — Yes No
3. Shippers' packing slip attached to the cooler(s)? — Yes No
4. Did custody papers accompany the sample(s)? — Yes No
5. Were the custody papers relinquished & signed in the appropriate place? — Yes No
6. Did all bottles arrive in good condition (Unbroken)? — Yes No
7. Could all bottle labels be reconciled with the COC? — Yes No
8. Were correct bottle(s) used for the test(s) indicated? — Yes No
9. Sufficient quantity received to perform indicated analyses? — Yes No
10. Were sample(s) at the correct pH upon receipt? — Yes No NA pH Strip Lot# **HC391902**
11. Were VOAs on the COC? — Yes No
12. Were air bubbles >6 mm in any VOA vials? — Yes No NA
13. Was a trip blank present in the cooler(s)? — Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

TestAmerica Multiple Cooler Receipt Form/Narrative — Login # : 31209

Canton Facility

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client Coolers	4	2.2	3.0	Ice
1	1	1.6	2.6	1
1	1	1.6	2.6	1
1	1	1.6	2.6	1

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
CARSSIPZ05G20131106	240-31209-D-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
CARMW25G20131106	240-31209-D-2	Plastic 500ml - with Nitric Acid	<2	_____	_____

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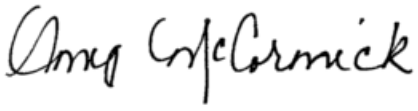
ANALYTICAL REPORT

Job Number: 240-31231-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
12/16/2013 11:24 AM

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12/16/2013
Revision: 1

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CASE NARRATIVE
REVISED

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-31231-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report has been revised to incorporate lower method detection limits for 8270C-LVI.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/08/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.6 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW29G20131107 (240-31231-1), CARMW30G20131107 (240-31231-2) and TRIP20131107 (240-31231-3) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/21/2013.

Sample CARMW29G20131107 (240-31231-1)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Toluene was detected in method blank MB 240-110821/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 110821 recovered outside control limits for Isopropylbenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/11/2013 and analyzed on 11/15/2013.

Di-n-butyl phthalate was detected in method blank MB 240-109179/9-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081B. The samples were prepared on 11/12/2013 and analyzed on 11/22/2013.

The opening continuing calibration verification (CCV) associated with batch 110987 recovered alpha-BHC, delta-BHC, and DDE above the upper control limits. Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 110987 recovered alpha-BHC, beta-BHC, delta-BHC, Aldrin, and DDE above the upper control limits. Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/11/2013 and analyzed on 11/12/2013 and 11/14/2013.

Sample CARMW30G20131107 (240-31231-2) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 11/14/2013 and analyzed on 11/19/2013.

Barium was detected in method blank MB 240-109785/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples CARMW29G20131107 (240-31231-1) and CARMW30G20131107 (240-31231-2) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 11/13/2013 and analyzed on 11/14/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-31231-1	**CARMW29G20131107**					
Carbon disulfide		1.2	J	4.0	ug/L	8260C
cis-1,2-Dichloroethene		29		4.0	ug/L	8260C
1,1-Dichloroethane		18		4.0	ug/L	8260C
1,1-Dichloroethene		2.9	J	4.0	ug/L	8260C
trans-1,2-Dichloroethene		1.8	J	4.0	ug/L	8260C
1,1,1-Trichloroethane		6.0		4.0	ug/L	8260C
Trichloroethene		360		4.0	ug/L	8260C
Vinyl chloride		2.6	J	4.0	ug/L	8260C
Acetophenone		0.56	J	1.1	ug/L	8270D
Bis(2-ethylhexyl) phthalate		1.7	J	2.3	ug/L	8270D
Di-n-butyl phthalate		5.4	B	1.1	ug/L	8270D
Total Recoverable						
Arsenic		5.9	J	15	ug/L	6010C
Barium		160	J B	200	ug/L	6010C
240-31231-2	**CARMW30G20131107**					
Acetone		4.0	J	10	ug/L	8260C
Carbon disulfide		2.3		1.0	ug/L	8260C
Chloroethane		1.1		1.0	ug/L	8260C
cis-1,2-Dichloroethene		16		1.0	ug/L	8260C
1,1-Dichloroethane		15		1.0	ug/L	8260C
1,1-Dichloroethene		0.41	J	1.0	ug/L	8260C
Ethylbenzene		0.38	J	1.0	ug/L	8260C
Tetrachloroethene		0.38	J	1.0	ug/L	8260C
Toluene		0.40	J B	1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.76	J	1.0	ug/L	8260C
Trichloroethene		12		1.0	ug/L	8260C
Vinyl chloride		13		1.0	ug/L	8260C
Xylenes, Total		0.37	J	2.0	ug/L	8260C
4-Chloro-3-methylphenol		10		2.1	ug/L	8270D
Carbazole		2.0		1.0	ug/L	8270D
Di-n-butyl phthalate		3.8	B	1.0	ug/L	8270D
Dibenzofuran		0.47	J	1.0	ug/L	8270D
Fluorene		0.73		0.21	ug/L	8270D
Naphthalene		4.2		0.21	ug/L	8270D
Heptachlor epoxide		0.0083	J	0.053	ug/L	8081B
Total Recoverable						
Arsenic		20		15	ug/L	6010C
Barium		540	B	200	ug/L	6010C
240-31231-3TB	**TRIP20131107**					
Carbon disulfide		0.53	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-31231-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Organochlorine Pesticides (GC)	TAL CAN	SW846 8081B	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C
Metals (ICP)	TAL CAN	SW846 6010C	
Preparation, Total Recoverable or Dissolved Metals	TAL CAN		SW846 3005A
Mercury (CVAA)	TAL CAN	SW846 7470A	
Preparation, Mercury	TAL CAN		SW846 7470A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-31231-1

Method	Analyst	Analyst ID
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Hula, Tom	TMH
SW846 8081B	Van Doren, Carolyn	CVD
SW846 8082A	Hass, Lori	LSH
SW846 6010C	Toth, Natalie J	NJT
SW846 7470A	Martin, Aaron	AMM2

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-31231-1	CARMW29G20131107	Water	11/07/2013 1030	11/08/2013 0920
240-31231-2	CARMW30G20131107	Water	11/07/2013 1150	11/08/2013 0920
240-31231-3TB	TRIP20131107	Water	11/07/2013 0000	11/08/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2038.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1143			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1143				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		4.4	40
Benzene	ND		0.52	4.0
Bromoform	ND		2.6	4.0
Bromomethane	ND		1.6	4.0
2-Butanone (MEK)	ND		2.3	40
Carbon disulfide	1.2	J	0.52	4.0
Carbon tetrachloride	ND		0.52	4.0
Chlorobenzene	ND		0.60	4.0
Chlorodibromomethane	ND		0.72	4.0
Chloroethane	ND		1.2	4.0
Chloroform	ND		0.64	4.0
Chloromethane	ND		1.2	4.0
cis-1,2-Dichloroethene	29		0.68	4.0
cis-1,3-Dichloropropene	ND		0.56	4.0
1,2-Dibromo-3-Chloropropane	ND		2.7	8.0
1,2-Dichlorobenzene	ND		0.52	4.0
1,3-Dichlorobenzene	ND		0.56	4.0
1,4-Dichlorobenzene	ND		0.52	4.0
Dichlorobromomethane	ND		0.60	4.0
Dichlorodifluoromethane	ND		1.2	4.0
1,1-Dichloroethane	18		0.60	4.0
1,2-Dichloroethane	ND		0.88	4.0
1,1-Dichloroethene	2.9	J	0.76	4.0
1,2-Dichloropropane	ND		0.72	4.0
Ethylbenzene	ND		0.68	4.0
Ethylene Dibromide	ND		0.96	4.0
2-Hexanone	ND		1.6	40
Isopropylbenzene	ND	*	0.52	4.0
Methylene Chloride	ND		1.3	4.0
4-Methyl-2-pentanone (MIBK)	ND		1.3	40
Methyl tert-butyl ether	ND		0.68	4.0
Styrene	ND		0.44	4.0
1,1,2,2-Tetrachloroethane	ND		0.72	4.0
Tetrachloroethene	ND		1.2	4.0
Toluene	ND		0.52	4.0
trans-1,2-Dichloroethene	1.8	J	0.76	4.0
trans-1,3-Dichloropropene	ND		0.76	4.0
1,2,4-Trichlorobenzene	ND		0.60	4.0
1,1,1-Trichloroethane	6.0		0.88	4.0
1,1,2-Trichloroethane	ND		1.1	4.0
Trichloroethene	360		0.68	4.0
Trichlorofluoromethane	ND		0.84	4.0
Vinyl chloride	2.6	J	0.88	4.0
Xylenes, Total	ND		0.56	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2038.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1143			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1143				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	93		66 - 117
Dibromofluoromethane (Surr)	105		75 - 121
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2038.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1143			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1143				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2039.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1205			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1205				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.0	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	2.3		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	1.1		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	16		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	15		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	0.41	J	0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	0.38	J	0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND	*	0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	0.38	J	0.29	1.0
Toluene	0.40	J B	0.13	1.0
trans-1,2-Dichloroethene	0.76	J	0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	12		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	13		0.22	1.0
Xylenes, Total	0.37	J	0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2039.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1205			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1205				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2039.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1205			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1205				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
590-50-1	2-Pentanone, 4,4-dimethyl-	7.44	32	T J N
493-02-7	Naphthalene, decahydro-, trans-	10.91	16	T J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.18	19	T J N
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.25	26	T J N
767-58-8	Indan, 1-methyl-	11.38	32	T J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.65	28	T J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.70	40	T J N
824-90-8	1-Phenyl-1-butene	12.14	53	T J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.52	19	T J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.62	21	T J N

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **TRIP20131107**

Lab Sample ID: 240-31231-3TB Date Sampled: 11/07/2013 0000
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2040.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1227			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1227				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.53	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND	*	0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **TRIP20131107**

Lab Sample ID: 240-31231-3TB Date Sampled: 11/07/2013 0000
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2040.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1227			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1227				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	96		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **TRIP20131107**

Lab Sample ID: 240-31231-3TB Date Sampled: 11/07/2013 0000
Client Matrix: Water Date Received: 11/08/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM2040.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1227			Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1227				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-109179	Lab File ID:	1115029.D
Dilution:	1.0			Initial Weight/Volume:	220 mL
Analysis Date:	11/15/2013 2022			Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.30	5.7
2,4,5-Trichlorophenol	ND		0.42	5.7
2,4-Dichlorophenol	ND		0.33	2.3
2,4-Dimethylphenol	ND		0.36	2.3
2,4-Dinitrophenol	ND		7.0	45
2,4-Dinitrotoluene	ND		0.29	5.7
2-Chlorophenol	ND		0.15	1.1
2-Methylnaphthalene	ND		0.042	0.23
2-Methylphenol	ND		0.21	1.1
2-Nitroaniline	ND		0.35	2.3
2-Nitrophenol	ND		0.24	2.3
3 & 4 Methylphenol	ND		0.38	2.3
3,3'-Dichlorobenzidine	ND		0.40	5.7
3-Nitroaniline	ND		0.30	2.3
4,6-Dinitro-2-methylphenol	ND		0.60	5.7
4-Bromophenyl phenyl ether	ND		0.39	2.3
4-Chloro-3-methylphenol	ND		0.32	2.3
4-Chloroaniline	ND		0.17	2.3
4-Chlorophenyl phenyl ether	ND		0.33	2.3
4-Nitroaniline	ND		0.27	2.3
Acenaphthene	ND		0.050	0.23
Acenaphthylene	ND		0.023	0.23
Acetophenone	0.56	J	0.16	1.1
Anthracene	ND		0.035	0.23
Benzo[a]anthracene	ND		0.067	0.23
Benzo[a]pyrene	ND		0.034	0.23
Benzo[b]fluoranthene	ND		0.067	0.23
Benzo[g,h,i]perylene	ND		0.057	0.23
Benzo[k]fluoranthene	ND		0.055	0.23
Bis(2-chloroethoxy)methane	ND		0.042	1.1
Bis(2-chloroethyl)ether	ND		0.22	1.1
Bis(2-ethylhexyl) phthalate	1.7	J	1.7	2.3
Butyl benzyl phthalate	ND		0.25	1.1
Carbazole	ND		0.12	1.1
Chrysene	ND		0.040	0.23
Di-n-butyl phthalate	5.4	B	0.45	1.1
Di-n-octyl phthalate	ND		0.41	1.1
Dibenz(a,h)anthracene	ND		0.045	0.23
Dibenzofuran	ND		0.16	1.1
Diethyl phthalate	ND		0.14	1.1
Dimethyl phthalate	ND		0.11	1.1
Fluoranthene	ND		0.031	0.23
Fluorene	ND		0.039	0.23
Hexachlorobenzene	ND		0.13	1.1
Hexachlorobutadiene	ND		0.16	1.1
Hexachlorocyclopentadiene	ND		2.8	11

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-109179	Lab File ID:	1115029.D
Dilution:	1.0			Initial Weight/Volume:	220 mL
Analysis Date:	11/15/2013 2022			Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.25	1.1
Indeno[1,2,3-cd]pyrene	ND		0.055	0.23
Isophorone	ND		0.048	1.1
N-Nitrosodi-n-propylamine	ND		0.18	1.1
N-Nitrosodiphenylamine	ND		0.13	1.1
Naphthalene	ND		0.049	0.23
Nitrobenzene	ND		0.13	1.1
Pentachlorophenol	ND		6.2	45
Phenanthrene	ND		0.035	0.23
Phenol	ND		0.17	1.1
Pyrene	ND		0.032	0.23
bis (2-chloroisopropyl) ether	ND		0.21	1.1
2,6-Dinitrotoluene	ND		0.27	5.7
4-Nitrophenol	ND		0.67	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	106		31 - 115
Phenol-d5 (Surr)	68		10 - 110
Nitrobenzene-d5 (Surr)	86		31 - 110
2-Fluorophenol (Surr)	79		15 - 110
2-Fluorobiphenyl (Surr)	79		29 - 110
2,4,6-Tribromophenol (Surr)	94		21 - 128

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-109179	Lab File ID:	1115030.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.27	5.2
2,4,5-Trichlorophenol	ND		0.38	5.2
2,4-Dichlorophenol	ND		0.31	2.1
2,4-Dimethylphenol	ND		0.33	2.1
2,4-Dinitrophenol	ND		6.4	42
2,4-Dinitrotoluene	ND		0.27	5.2
2-Chlorophenol	ND		0.14	1.0
2-Methylnaphthalene	ND		0.039	0.21
2-Methylphenol	ND		0.20	1.0
2-Nitroaniline	ND		0.32	2.1
2-Nitrophenol	ND		0.22	2.1
3 & 4 Methylphenol	ND		0.35	2.1
3,3'-Dichlorobenzidine	ND		0.37	5.2
3-Nitroaniline	ND		0.28	2.1
4,6-Dinitro-2-methylphenol	ND		0.55	5.2
4-Bromophenyl phenyl ether	ND		0.36	2.1
4-Chloro-3-methylphenol	10		0.29	2.1
4-Chloroaniline	ND		0.16	2.1
4-Chlorophenyl phenyl ether	ND		0.31	2.1
4-Nitroaniline	ND		0.25	2.1
Acenaphthene	ND		0.046	0.21
Acenaphthylene	ND		0.021	0.21
Acetophenone	ND		0.15	1.0
Anthracene	ND		0.032	0.21
Benzo[a]anthracene	ND		0.061	0.21
Benzo[a]pyrene	ND		0.031	0.21
Benzo[b]fluoranthene	ND		0.061	0.21
Benzo[g,h,i]perylene	ND		0.052	0.21
Benzo[k]fluoranthene	ND		0.050	0.21
Bis(2-chloroethoxy)methane	ND		0.039	1.0
Bis(2-chloroethyl)ether	ND		0.20	1.0
Bis(2-ethylhexyl) phthalate	ND		1.6	2.1
Butyl benzyl phthalate	ND		0.23	1.0
Carbazole	2.0		0.11	1.0
Chrysene	ND		0.036	0.21
Di-n-butyl phthalate	3.8	B	0.41	1.0
Di-n-octyl phthalate	ND		0.38	1.0
Dibenz(a,h)anthracene	ND		0.042	0.21
Dibenzofuran	0.47	J	0.14	1.0
Diethyl phthalate	ND		0.13	1.0
Dimethyl phthalate	ND		0.11	1.0
Fluoranthene	ND		0.028	0.21
Fluorene	0.73		0.035	0.21
Hexachlorobenzene	ND		0.12	1.0
Hexachlorobutadiene	ND		0.15	1.0
Hexachlorocyclopentadiene	ND		2.6	10

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-109179	Lab File ID:	1115030.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/15/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.23	1.0
Indeno[1,2,3-cd]pyrene	ND		0.050	0.21
Isophorone	ND		0.044	1.0
N-Nitrosodi-n-propylamine	ND		0.17	1.0
N-Nitrosodiphenylamine	ND		0.12	1.0
Naphthalene	4.2		0.045	0.21
Nitrobenzene	ND		0.12	1.0
Pentachlorophenol	ND		5.7	42
Phenanthrene	ND		0.032	0.21
Phenol	ND		0.16	1.0
Pyrene	ND		0.029	0.21
bis (2-chloroisopropyl) ether	ND		0.19	1.0
2,6-Dinitrotoluene	ND		0.24	5.2
4-Nitrophenol	ND		0.61	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	109		31 - 115
Phenol-d5 (Surr)	73		10 - 110
Nitrobenzene-d5 (Surr)	90		31 - 110
2-Fluorophenol (Surr)	84		15 - 110
2-Fluorobiphenyl (Surr)	71		29 - 110
2,4,6-Tribromophenol (Surr)	97		21 - 128

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1305			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0085	0.052
alpha-BHC	ND		0.0072	0.052
alpha-Chlordane	ND		0.014	0.052
beta-BHC	ND		0.0087	0.052
4,4'-DDD	ND		0.0099	0.052
4,4'-DDE	ND		0.010	0.052
4,4'-DDT	ND		0.016	0.052
delta-BHC	ND		0.0090	0.052
Dieldrin	ND		0.0077	0.052
Endosulfan I	ND		0.013	0.052
Endosulfan II	ND		0.012	0.052
Endosulfan sulfate	ND		0.011	0.052
Endrin	ND		0.011	0.052
Endrin aldehyde	ND		0.011	0.052
Endrin ketone	ND		0.0080	0.052
gamma-BHC (Lindane)	ND		0.0066	0.052
gamma-Chlordane	ND		0.012	0.052
Heptachlor	ND		0.0082	0.052
Heptachlor epoxide	ND		0.0073	0.052
Methoxychlor	ND		0.033	0.10
Toxaphene	ND		0.33	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	45		30 - 121
Tetrachloro-m-xylene	74		40 - 120

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1305			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	41		30 - 121
Tetrachloro-m-xylene	66		40 - 120

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1325			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	ND		0.0086	0.053
alpha-BHC	ND		0.0074	0.053
alpha-Chlordane	ND		0.015	0.053
beta-BHC	ND		0.0088	0.053
4,4'-DDD	ND		0.010	0.053
4,4'-DDE	ND		0.010	0.053
4,4'-DDT	ND		0.017	0.053
delta-BHC	ND		0.0092	0.053
Dieldrin	ND		0.0079	0.053
Endosulfan I	ND		0.014	0.053
Endosulfan II	ND		0.013	0.053
Endosulfan sulfate	ND		0.012	0.053
Endrin	ND		0.012	0.053
Endrin aldehyde	ND		0.012	0.053
Endrin ketone	ND		0.0082	0.053
gamma-BHC (Lindane)	ND		0.0067	0.053
gamma-Chlordane	ND		0.013	0.053
Heptachlor	ND		0.0084	0.053
Heptachlor epoxide	0.0083	J	0.0075	0.053
Methoxychlor	ND		0.034	0.11
Toxaphene	ND		0.34	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	36		30 - 121
Tetrachloro-m-xylene	69		40 - 120

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Prep Method:	3520C	Prep Batch:	240-109350	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/22/2013 1325			Injection Volume:	1 uL
Prep Date:	11/12/2013 0742			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	29	X	30 - 121
Tetrachloro-m-xylene	65		40 - 120

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-109163	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1604			Injection Volume:	1 uL
Prep Date:	11/11/2013 0750			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.072	0.21
Aroclor-1221	ND		0.055	0.21
Aroclor-1232	ND		0.067	0.21
Aroclor-1242	ND		0.093	0.21
Aroclor-1248	ND		0.042	0.21
Aroclor-1254	ND		0.067	0.21
Aroclor-1260	ND		0.072	0.21
Aroclor-1262	ND		0.063	0.21
Aroclor-1268	ND		0.10	0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	28		10 - 130
Tetrachloro-m-xylene	61		23 - 136

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-109163	Initial Weight/Volume:	950 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1604			Injection Volume:	1 uL
Prep Date:	11/11/2013 0750			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	33		10 - 130
Tetrachloro-m-xylene	53		23 - 136

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109709	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-109164	Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/14/2013 1037			Injection Volume:	1 uL
Prep Date:	11/11/2013 0755			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.18	0.53
Aroclor-1221	ND		0.14	0.53
Aroclor-1232	ND		0.17	0.53
Aroclor-1242	ND		0.23	0.53
Aroclor-1248	ND		0.11	0.53
Aroclor-1254	ND		0.17	0.53
Aroclor-1260	ND		0.18	0.53
Aroclor-1262	ND		0.16	0.53
Aroclor-1268	ND		0.26	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	24		10 - 130
Tetrachloro-m-xylene	49		23 - 136

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109709	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-109164	Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/14/2013 1037			Injection Volume:	1 uL
Prep Date:	11/11/2013 0755			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26		10 - 130
Tetrachloro-m-xylene	56		23 - 136

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW29G20131107**

Lab Sample ID: 240-31231-1 Date Sampled: 11/07/2013 1030
Client Matrix: Water Date Received: 11/08/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-110456	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-109785	Lab File ID:	I61118A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/19/2013 0048			Final Weight/Volume:	50 mL
Prep Date:	11/14/2013 0812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	5.9	J	3.2	15
Barium	160	J B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-109943	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-109576	Lab File ID:	111413B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/14/2013 1642			Final Weight/Volume:	50 mL
Prep Date:	11/13/2013 1530				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: EnSafe, Inc. Job Number: 240-31231-1

Client Sample ID: **CARMW30G20131107**

Lab Sample ID: 240-31231-2 Date Sampled: 11/07/2013 1150
Client Matrix: Water Date Received: 11/08/2013 0920

6010C Metals (ICP)-Total Recoverable

Analysis Method:	6010C	Analysis Batch:	240-110456	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-109785	Lab File ID:	I61118A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/19/2013 0023			Final Weight/Volume:	50 mL
Prep Date:	11/14/2013 0812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	20		3.2	15
Barium	540	B	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	240-109943	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-109576	Lab File ID:	111413B-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	11/14/2013 1648			Final Weight/Volume:	50 mL
Prep Date:	11/13/2013 1530				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	*	LCS or LCSD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-31231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-110821					
LCS 240-110821/4	Lab Control Sample	T	Water	8260C	
MB 240-110821/6	Method Blank	T	Water	8260C	
240-31231-1	CARMW29G20131107	T	Water	8260C	
240-31231-2	CARMW30G20131107	T	Water	8260C	
240-31231-3TB	TRIP20131107	T	Water	8260C	
GC/MS Semi VOA					
Prep Batch: 240-109179					
LCS 240-109179/10-A	Lab Control Sample	T	Water	3510C	
MB 240-109179/9-A	Method Blank	T	Water	3510C	
240-31231-1	CARMW29G20131107	T	Water	3510C	
240-31231-2	CARMW30G20131107	T	Water	3510C	
Analysis Batch:240-109956					
LCS 240-109179/10-A	Lab Control Sample	T	Water	8270D	240-109179
MB 240-109179/9-A	Method Blank	T	Water	8270D	240-109179
240-31231-1	CARMW29G20131107	T	Water	8270D	240-109179
240-31231-2	CARMW30G20131107	T	Water	8270D	240-109179

Report Basis
T = Total

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-31231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-109163					
LCS 240-109163/11-A	Lab Control Sample	T	Water	3520C	
MB 240-109163/10-A	Method Blank	T	Water	3520C	
240-31231-1	CARMW29G20131107	T	Water	3520C	
Prep Batch: 240-109164					
LCS 240-109164/22-A	Lab Control Sample	T	Water	3520C	
MB 240-109164/21-A	Method Blank	T	Water	3520C	
240-31231-2	CARMW30G20131107	T	Water	3520C	
Prep Batch: 240-109350					
LCS 240-109350/12-A	Lab Control Sample	T	Water	3520C	
MB 240-109350/11-A	Method Blank	T	Water	3520C	
240-31231-1	CARMW29G20131107	T	Water	3520C	
240-31231-2	CARMW30G20131107	T	Water	3520C	
Analysis Batch:240-109474					
PB 240-109474/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-109163/11-A	Lab Control Sample	T	Water	8082A	240-109163
MB 240-109163/10-A	Method Blank	T	Water	8082A	240-109163
240-31231-1	CARMW29G20131107	T	Water	8082A	240-109163
Analysis Batch:240-109489					
PB 240-109489/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-109164/22-A	Lab Control Sample	T	Water	8082A	240-109164
MB 240-109164/21-A	Method Blank	T	Water	8082A	240-109164
Analysis Batch:240-109709					
PB 240-109709/2	Preparation / Extraction Blank	T	Water	8082A	
240-31231-2	CARMW30G20131107	T	Water	8082A	240-109164
Analysis Batch:240-110987					
PB 240-110987/6	Preparation / Extraction Blank	T	Water	8081B	
LCS 240-109350/12-A	Lab Control Sample	T	Water	8081B	240-109350
MB 240-109350/11-A	Method Blank	T	Water	8081B	240-109350
240-31231-1	CARMW29G20131107	T	Water	8081B	240-109350
240-31231-2	CARMW30G20131107	T	Water	8081B	240-109350

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-31231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-109576					
LCS 240-109576/2-A	Lab Control Sample	T	Water	7470A	
MB 240-109576/1-A	Method Blank	T	Water	7470A	
240-31231-1	CARMW29G20131107	T	Water	7470A	
240-31231-1DU	Duplicate	T	Water	7470A	
240-31231-1MS	Matrix Spike	T	Water	7470A	
240-31231-2	CARMW30G20131107	T	Water	7470A	
Prep Batch: 240-109785					
LCS 240-109785/2-A	Lab Control Sample	R	Water	3005A	
MB 240-109785/1-A	Method Blank	R	Water	3005A	
240-31231-1	CARMW29G20131107	R	Water	3005A	
240-31231-2	CARMW30G20131107	R	Water	3005A	
240-31231-2MS	Matrix Spike	R	Water	3005A	
240-31231-2MSD	Matrix Spike Duplicate	R	Water	3005A	
Analysis Batch:240-109943					
LCS 240-109576/2-A	Lab Control Sample	T	Water	7470A	240-109576
MB 240-109576/1-A	Method Blank	T	Water	7470A	240-109576
240-31231-1	CARMW29G20131107	T	Water	7470A	240-109576
240-31231-1DU	Duplicate	T	Water	7470A	240-109576
240-31231-1MS	Matrix Spike	T	Water	7470A	240-109576
240-31231-2	CARMW30G20131107	T	Water	7470A	240-109576
Analysis Batch:240-110456					
LCS 240-109785/2-A	Lab Control Sample	R	Water	6010C	240-109785
MB 240-109785/1-A	Method Blank	R	Water	6010C	240-109785
240-31231-1	CARMW29G20131107	R	Water	6010C	240-109785
240-31231-2	CARMW30G20131107	R	Water	6010C	240-109785
240-31231-2MS	Matrix Spike	R	Water	6010C	240-109785
240-31231-2MSD	Matrix Spike Duplicate	R	Water	6010C	240-109785

Report Basis
R = Total Recoverable
T = Total

Client: EnSafe, Inc.

Job Number: 240-31231-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-31231-1	CARMW29G20131107	93	105	101	97
240-31231-2	CARMW30G20131107	91	100	99	97
240-31231-3	TRIP20131107	91	96	96	97
MB 240-110821/6		86	92	95	94
LCS 240-110821/4		95	96	93	100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: EnSafe, Inc. Job Number: 240-31231-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-31231-1	CARMW29G20131107	106	68	86	79	79	94
240-31231-2	CARMW30G20131107	109	73	90	84	71	97
MB 240-109179/9-A		96	44	79	60	74	67
LCS 240-109179/10-A		109	62	91	76	90	90

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	31-115
PHL = Phenol-d5 (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	31-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl (Surr)	29-110
TBP = 2,4,6-Tribromophenol (Surr)	21-128

Client: EnSafe, Inc.

Job Number: 240-31231-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31231-1	CARMW29G20131107	41	45	66	74
240-31231-2	CARMW30G20131107	29X	36	65	69
MB 240-109350/11-A		89	88	85	83
LCS 240-109350/12-A		35	34	78	78

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-121
TCX = Tetrachloro-m-xylene	40-120

Client: EnSafe, Inc. Job Number: 240-31231-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31231-1	CARMW29G20131107	28	33	61	53
240-31231-2	CARMW30G20131107	26	24	56	49
MB 240-109163/10-A		53	64	59	56
MB 240-109164/21-A		85	82	87	82
LCS 240-109163/11-A		70	85	64	62
LCS 240-109164/22-A		90	87	92	80

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-110821

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-110821/6	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM2035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1024	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1024				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Dichlorobromomethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.135	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-110821

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-110821/6	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM2035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 1024	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 1024				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	86	66 - 117
Dibromofluoromethane (Surr)	92	75 - 121
1,2-Dichloroethane-d4 (Surr)	95	63 - 129
Toluene-d8 (Surr)	94	74 - 115

Method Blank TICs- Batch: 240-110821

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Control Sample - Batch: 240-110821

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-110821/4	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM2033.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 0939	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 0939				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	53.3	107	43 - 136	
Benzene	25.0	25.8	103	83 - 112	
Bromoform	25.0	20.2	81	40 - 131	
Bromomethane	25.0	19.6	78	11 - 185	
2-Butanone (MEK)	50.0	50.7	101	60 - 126	
Carbon disulfide	25.0	26.6	106	62 - 142	
Carbon tetrachloride	25.0	26.3	105	66 - 128	
Chlorobenzene	25.0	25.7	103	85 - 110	
Chlorodibromomethane	25.0	25.5	102	64 - 119	
Chloroethane	25.0	21.1	84	25 - 153	
Chloroform	25.0	26.6	106	79 - 117	
Chloromethane	25.0	23.0	92	44 - 126	
cis-1,2-Dichloroethene	25.0	25.4	102	80 - 113	
cis-1,3-Dichloropropene	25.0	25.8	103	61 - 115	
1,2-Dibromo-3-Chloropropane	25.0	21.0	84	42 - 136	
1,2-Dichlorobenzene	25.0	25.0	100	81 - 110	
1,3-Dichlorobenzene	25.0	24.9	100	80 - 110	
1,4-Dichlorobenzene	25.0	24.9	100	82 - 110	
Dichlorobromomethane	25.0	26.1	104	72 - 121	
Dichlorodifluoromethane	25.0	20.6	83	19 - 129	
1,1-Dichloroethane	25.0	27.0	108	82 - 115	
1,2-Dichloroethane	25.0	27.1	109	71 - 127	
1,1-Dichloroethene	25.0	24.9	100	78 - 131	
1,2-Dichloropropane	25.0	25.6	102	81 - 115	
Ethylbenzene	25.0	27.1	108	83 - 112	
Ethylene Dibromide	25.0	24.8	99	79 - 113	
2-Hexanone	50.0	45.1	90	55 - 133	
Isopropylbenzene	25.0	28.7	115	75 - 114	*
Methylene Chloride	25.0	21.5	86	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	46.4	93	63 - 128	
Methyl tert-butyl ether	25.0	24.4	97	52 - 144	
m-Xylene & p-Xylene	25.0	27.3	109	83 - 113	
o-Xylene	25.0	27.1	109	83 - 113	
Styrene	25.0	26.7	107	79 - 114	
1,1,2,2-Tetrachloroethane	25.0	22.4	89	68 - 118	
Tetrachloroethene	25.0	27.6	111	79 - 114	
Toluene	25.0	25.1	100	84 - 111	
trans-1,2-Dichloroethene	25.0	26.3	105	83 - 117	
trans-1,3-Dichloropropene	25.0	28.4	114	58 - 117	
1,2,4-Trichlorobenzene	25.0	25.2	101	48 - 135	
1,1,1-Trichloroethane	25.0	27.7	111	74 - 118	

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Control Sample - Batch: 240-110821

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-110821/4	Analysis Batch:	240-110821	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM2033.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	11/21/2013 0939	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	11/21/2013 0939				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	25.0	23.3	93	80 - 112	
Trichloroethene	25.0	26.4	106	76 - 117	
Trichlorofluoromethane	25.0	22.6	90	49 - 157	
Vinyl chloride	25.0	22.8	91	53 - 127	
Xylenes, Total	50.0	54.4	109	83 - 112	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	66 - 117
Dibromofluoromethane (Surr)	96	75 - 121
1,2-Dichloroethane-d4 (Surr)	93	63 - 129
Toluene-d8 (Surr)	100	74 - 115

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-109179/9-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1448	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.26	5.0
2,4,5-Trichlorophenol	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.29	2.0
2,4-Dimethylphenol	ND		0.31	2.0
2,4-Dinitrophenol	ND		6.1	40
2,4-Dinitrotoluene	ND		0.26	5.0
2-Chlorophenol	ND		0.13	1.0
2-Methylnaphthalene	ND		0.037	0.20
2-Methylphenol	ND		0.19	1.0
2-Nitroaniline	ND		0.31	2.0
2-Nitrophenol	ND		0.21	2.0
3 & 4 Methylphenol	ND		0.34	2.0
3,3'-Dichlorobenzidine	ND		0.35	5.0
3-Nitroaniline	ND		0.27	2.0
4,6-Dinitro-2-methylphenol	ND		0.53	5.0
4-Bromophenyl phenyl ether	ND		0.35	2.0
4-Chloro-3-methylphenol	ND		0.28	2.0
4-Chloroaniline	ND		0.15	2.0
4-Chlorophenyl phenyl ether	ND		0.29	2.0
4-Nitroaniline	ND		0.24	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.020	0.20
Acetophenone	ND		0.14	1.0
Anthracene	ND		0.031	0.20
Benzo[a]anthracene	ND		0.059	0.20
Benzo[a]pyrene	ND		0.030	0.20
Benzo[b]fluoranthene	ND		0.059	0.20
Benzo[g,h,i]perylene	ND		0.050	0.20
Benzo[k]fluoranthene	ND		0.048	0.20
Bis(2-chloroethoxy)methane	ND		0.037	1.0
Bis(2-chloroethyl)ether	ND		0.19	1.0
Bis(2-ethylhexyl) phthalate	ND		1.5	2.0
Butyl benzyl phthalate	ND		0.22	1.0
Carbazole	ND		0.11	1.0
Chrysene	ND		0.035	0.20
Di-n-butyl phthalate	3.75		0.40	1.0
Di-n-octyl phthalate	ND		0.37	1.0
Dibenz(a,h)anthracene	ND		0.040	0.20
Dibenzofuran	ND		0.14	1.0
Diethyl phthalate	ND		0.13	1.0
Dimethyl phthalate	ND		0.10	1.0
Fluoranthene	ND		0.027	0.20
Fluorene	ND		0.034	0.20
Hexachlorobenzene	ND		0.12	1.0
Hexachlorobutadiene	ND		0.14	1.0

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-109179/9-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1448	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		2.5	10
Hexachloroethane	ND		0.22	1.0
Indeno[1,2,3-cd]pyrene	ND		0.048	0.20
Isophorone	ND		0.042	1.0
N-Nitrosodi-n-propylamine	ND		0.16	1.0
N-Nitrosodiphenylamine	ND		0.11	1.0
Naphthalene	ND		0.043	0.20
Nitrobenzene	ND		0.12	1.0
Pentachlorophenol	ND		5.5	40
Phenanthrene	ND		0.031	0.20
Phenol	ND		0.15	1.0
Pyrene	ND		0.028	0.20
bis (2-chloroisopropyl) ether	ND		0.18	1.0
2,6-Dinitrotoluene	ND		0.24	5.0
4-Nitrophenol	ND		0.59	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	96	31 - 115
Phenol-d5 (Surr)	44	10 - 110
Nitrobenzene-d5 (Surr)	79	31 - 110
2-Fluorophenol (Surr)	60	15 - 110
2-Fluorobiphenyl (Surr)	74	29 - 110
2,4,6-Tribromophenol (Surr)	67	21 - 128

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Control Sample - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-109179/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1510	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	8.00	7.98	100	40 - 160	
2,4,5-Trichlorophenol	8.00	7.85	98	20 - 120	
2,4-Dichlorophenol	8.00	8.74	109	40 - 160	
2,4-Dimethylphenol	8.00	7.74	97	10 - 120	
2,4-Dinitrophenol	16.0	11.6	73	20 - 120	J
2,4-Dinitrotoluene	8.00	8.27	103	40 - 160	
2-Chlorophenol	8.00	8.10	101	40 - 160	
2-Methylnaphthalene	8.00	7.39	92	40 - 160	
2-Methylphenol	8.00	8.04	101	20 - 120	
2-Nitroaniline	8.00	7.96	100	40 - 160	
2-Nitrophenol	8.00	8.43	105	40 - 160	
3 & 4 Methylphenol	8.00	8.02	100	40 - 160	
3,3'-Dichlorobenzidine	16.0	10.9	68	10 - 120	
3-Nitroaniline	8.00	8.20	102	40 - 160	
4,6-Dinitro-2-methylphenol	16.0	13.2	83	40 - 160	
4-Bromophenyl phenyl ether	8.00	8.06	101	40 - 160	
4-Chloro-3-methylphenol	8.00	8.05	101	40 - 160	
4-Chloroaniline	8.00	5.24	66	10 - 120	
4-Chlorophenyl phenyl ether	8.00	7.82	98	40 - 160	
4-Nitroaniline	8.00	8.14	102	40 - 160	
Acenaphthene	8.00	7.43	93	40 - 160	
Acenaphthylene	8.00	7.37	92	40 - 160	
Acetophenone	8.00	9.12	114	40 - 160	
Anthracene	8.00	7.69	96	40 - 160	
Benzo[a]anthracene	8.00	7.91	99	40 - 160	
Benzo[a]pyrene	8.00	8.05	101	40 - 160	
Benzo[b]fluoranthene	8.00	8.20	103	40 - 160	
Benzo[g,h,i]perylene	8.00	8.32	104	40 - 160	
Benzo[k]fluoranthene	8.00	8.40	105	40 - 160	
Bis(2-chloroethoxy)methane	8.00	8.73	109	40 - 160	
Bis(2-chloroethyl)ether	8.00	8.17	102	40 - 160	
Bis(2-ethylhexyl) phthalate	8.00	9.75	122	40 - 160	
Butyl benzyl phthalate	8.00	8.48	106	40 - 160	
Carbazole	8.00	8.71	109	40 - 160	
Chrysene	8.00	7.99	100	40 - 160	
Di-n-butyl phthalate	8.00	12.1	151	40 - 160	
Di-n-octyl phthalate	8.00	8.43	105	40 - 160	
Dibenz(a,h)anthracene	8.00	8.23	103	40 - 160	
Dibenzofuran	8.00	7.55	94	40 - 160	
Diethyl phthalate	8.00	8.51	106	40 - 160	
Dimethyl phthalate	8.00	8.29	104	40 - 160	

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Control Sample - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-109179/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1510	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	8.00	8.01	100	40 - 160	
Fluorene	8.00	7.90	99	40 - 160	
Hexachlorobenzene	8.00	7.60	95	40 - 160	
Hexachlorobutadiene	8.00	5.99	75	40 - 160	
Hexachlorocyclopentadiene	8.00	4.85	61	40 - 160	J
Hexachloroethane	8.00	5.84	73	40 - 160	
Indeno[1,2,3-cd]pyrene	8.00	8.06	101	40 - 160	
Isophorone	8.00	9.34	117	40 - 160	
N-Nitrosodi-n-propylamine	8.00	9.22	115	40 - 160	
N-Nitrosodiphenylamine	16.0	16.1	101	40 - 160	
Naphthalene	8.00	7.14	89	40 - 160	
Nitrobenzene	8.00	8.09	101	40 - 160	
Pentachlorophenol	16.0	11.6	72	10 - 120	J
Phenanthrene	8.00	7.85	98	40 - 160	
Phenol	8.00	5.58	70	10 - 120	
Pyrene	8.00	7.99	100	40 - 160	
bis (2-chloroisopropyl) ether	8.00	7.94	99	40 - 160	
2,6-Dinitrotoluene	8.00	8.90	111	40 - 160	
4-Nitrophenol	16.0	10.7	67	10 - 120	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	109	31 - 115
Phenol-d5 (Surr)	62	10 - 110
Nitrobenzene-d5 (Surr)	91	31 - 110
2-Fluorophenol (Surr)	76	15 - 110
2-Fluorobiphenyl (Surr)	90	29 - 110
2,4,6-Tribromophenol (Surr)	90	21 - 128

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-109350

Method: 8081B
Preparation: 3520C

Lab Sample ID:	MB 240-109350/11-A	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-109350	Lab File ID:	P3112124.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/22/2013 0519	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2013 0742			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.0082	0.050
alpha-BHC	ND		0.0070	0.050
alpha-Chlordane	ND		0.014	0.050
beta-BHC	ND		0.0084	0.050
4,4'-DDD	ND		0.0096	0.050
4,4'-DDE	ND		0.0097	0.050
4,4'-DDT	ND		0.016	0.050
delta-BHC	ND		0.0087	0.050
Dieldrin	ND		0.0075	0.050
Endosulfan I	ND		0.013	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.011	0.050
Endrin	ND		0.011	0.050
Endrin aldehyde	ND		0.011	0.050
Endrin ketone	ND		0.0078	0.050
gamma-BHC (Lindane)	ND		0.0064	0.050
gamma-Chlordane	ND		0.012	0.050
Heptachlor	ND		0.0080	0.050
Heptachlor epoxide	ND		0.0071	0.050
Methoxychlor	ND		0.032	0.10
Toxaphene	ND		0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	30 - 121
Tetrachloro-m-xylene	83	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	30 - 121
Tetrachloro-m-xylene	85	40 - 120

Client: EnSafe, Inc. Job Number: 240-31231-1

Lab Control Sample - Batch: 240-109350

Method: 8081B
Preparation: 3520C

Lab Sample ID:	LCS 240-109350/12-A	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	240-109350	Lab File ID:	P3112125.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/22/2013 0539	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2013 0742			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.483	97	40 - 155	
alpha-BHC	0.500	0.525	105	52 - 160	
alpha-Chlordane	0.500	0.501	100	44 - 160	
beta-BHC	0.500	0.475	95	60 - 160	
4,4'-DDD	0.500	0.590	118	61 - 160	
4,4'-DDE	0.500	0.523	105	50 - 160	
4,4'-DDT	0.500	0.521	104	43 - 158	
delta-BHC	0.500	0.546	109	55 - 167	
Dieldrin	0.500	0.478	96	62 - 160	
Endosulfan I	0.500	0.349	70	58 - 154	
Endosulfan II	0.500	0.315	63	56 - 145	
Endosulfan sulfate	0.500	0.458	92	64 - 151	
Endrin	0.500	0.479	96	59 - 156	
Endrin aldehyde	0.500	0.390	78	58 - 136	
Endrin ketone	0.500	0.403	81	51 - 138	
gamma-BHC (Lindane)	0.500	0.500	100	65 - 158	
gamma-Chlordane	0.500	0.490	98	58 - 160	
Heptachlor	0.500	0.373	75	40 - 143	
Heptachlor epoxide	0.500	0.492	98	61 - 160	
Methoxychlor	0.500	0.536	107	44 - 144	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	34	30 - 121
Tetrachloro-m-xylene	78	40 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	35	30 - 121
Tetrachloro-m-xylene	78	40 - 120

Client: EnSafe, Inc. Job Number: 240-31231-1

Preparation / Extraction Blank - Batch: 240-110987

Method: 8081B
Preparation: N/A

Lab Sample ID:	PB 240-110987/6	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3112106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2013 2315	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31231-1

Preparation / Extraction Blank - Batch: 240-110987 **Method: 8081B**
Preparation: N/A

Lab Sample ID:	PB 240-110987/6	Analysis Batch:	240-110987	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3112106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2013 2315	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		1.6	10
alpha-BHC	ND		1.4	10
alpha-Chlordane	ND		2.8	10
beta-BHC	ND		1.7	10
4,4'-DDD	ND		1.9	10
4,4'-DDE	ND		1.9	10
4,4'-DDT	ND		3.2	10
delta-BHC	ND		1.7	10
Dieldrin	ND		1.5	10
Endosulfan I	ND		2.6	10
Endosulfan II	ND		2.4	10
Endosulfan sulfate	ND		2.2	10
Endrin	ND		2.2	10
Endrin aldehyde	ND		2.2	10
Endrin ketone	ND		1.6	10
gamma-BHC (Lindane)	ND		1.3	10
gamma-Chlordane	ND		2.4	10
Heptachlor	ND		1.6	10
Heptachlor epoxide	ND		1.4	10
Methoxychlor	ND		6.4	20
Toxaphene	ND		64	400

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Method Blank - Batch: 240-109163 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	MB 240-109163/10-A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-109163	Lab File ID:	P1100008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1537	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/11/2013 0750			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.068	0.20
Aroclor-1221	ND		0.052	0.20
Aroclor-1232	ND		0.064	0.20
Aroclor-1242	ND		0.088	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.064	0.20
Aroclor-1260	ND		0.068	0.20
Aroclor-1262	ND		0.060	0.20
Aroclor-1268	ND		0.096	0.20

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	53	10 - 130
Tetrachloro-m-xylene	59	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	10 - 130
Tetrachloro-m-xylene	56	23 - 136

Lab Control Sample - Batch: 240-109163 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	LCS 240-109163/11-A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-109163	Lab File ID:	P1100015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1713	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/11/2013 0750			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	2.50	1.96	78	66 - 120	
Aroclor-1260	2.50	2.15	86	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	70	10 - 130
Tetrachloro-m-xylene	64	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	10 - 130
Tetrachloro-m-xylene	62	23 - 136

Method Blank - Batch: 240-109164 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	MB 240-109164/21-A	Analysis Batch:	240-109489	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-109164	Lab File ID:	P1300013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1734	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0755			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.17	0.50
Aroclor-1221	ND		0.13	0.50
Aroclor-1232	ND		0.16	0.50
Aroclor-1242	ND		0.22	0.50
Aroclor-1248	ND		0.10	0.50
Aroclor-1254	ND		0.16	0.50
Aroclor-1260	ND		0.17	0.50
Aroclor-1262	ND		0.15	0.50
Aroclor-1268	ND		0.24	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	10 - 130
Tetrachloro-m-xylene	82	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	10 - 130
Tetrachloro-m-xylene	87	23 - 136

Lab Control Sample - Batch: 240-109164 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	LCS 240-109164/22-A	Analysis Batch:	240-109489	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-109164	Lab File ID:	P1300024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 2018	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0755			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.14	83	66 - 120	
Aroclor-1260	5.00	4.41	88	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	10 - 130
Tetrachloro-m-xylene	80	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	10 - 130
Tetrachloro-m-xylene	92	23 - 136

Client: EnSafe, Inc. Job Number: 240-31231-1

Preparation / Extraction Blank - Batch: 240-109474

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109474/2	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1100002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 1414	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31231-1

Preparation / Extraction Blank - Batch: 240-109489

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109489/2	Analysis Batch:	240-109489	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 1450	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31231-1

Preparation / Extraction Blank - Batch: 240-109709

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109709/2	Analysis Batch:	240-109709	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/14/2013 0908	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-109785

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-109785/1-A	Analysis Batch:	240-110456	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-109785	Lab File ID:	I61118A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/18/2013 2358	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/14/2013 0812				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	ND		3.2	15
Barium	1.04	J	0.67	200
Cadmium	ND		0.66	5.0
Chromium	ND		2.2	10
Lead	ND		1.9	10
Selenium	ND		4.1	20
Silver	ND		2.2	10

Lab Control Sample - Batch: 240-109785

Method: 6010C
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-109785/2-A	Analysis Batch:	240-110456	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-109785	Lab File ID:	I61118A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/19/2013 0017	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/14/2013 0812				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	2060	103	80 - 120	
Barium	2000	2120	106	80 - 120	
Cadmium	50.0	48.4	97	80 - 120	
Chromium	200	201	101	80 - 120	
Lead	500	488	98	80 - 120	
Selenium	2000	1960	98	80 - 120	
Silver	50.0	51.3	103	80 - 120	

Client: EnSafe, Inc. Job Number: 240-31231-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-109785

Method: 6010C
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-31231-2	Analysis Batch:	240-110456	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-109785	Lab File ID:	I61118A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/19/2013 0035			Final Weight/Volume:	50 mL
Prep Date:	11/14/2013 0812				
Leach Date:	N/A				

MSD Lab Sample ID:	240-31231-2	Analysis Batch:	240-110456	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-109785	Lab File ID:	I61118A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/19/2013 0041			Final Weight/Volume:	50 mL
Prep Date:	11/14/2013 0812				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	113	104	75 - 125	8	20		
Barium	117	103	75 - 125	10	20		
Cadmium	103	95	75 - 125	8	20		
Chromium	109	99	75 - 125	9	20		
Lead	104	96	75 - 125	7	20		
Selenium	107	99	75 - 125	8	20		
Silver	115	107	75 - 125	7	20		

Client: EnSafe, Inc. Job Number: 240-31231-1

Method Blank - Batch: 240-109576

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-109576/1-A	Analysis Batch:	240-109943	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-109576	Lab File ID:	111413B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/14/2013 1639	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/13/2013 1530				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-109576

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-109576/2-A	Analysis Batch:	240-109943	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-109576	Lab File ID:	111413B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/14/2013 1641	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/13/2013 1530				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.73	95	81 - 123	

Matrix Spike - Batch: 240-109576

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-31231-1	Analysis Batch:	240-109943	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-109576	Lab File ID:	111413B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/14/2013 1645	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/13/2013 1530				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	ND	1.00	0.980	98	69 - 134	

Client: EnSafe, Inc. Job Number: 240-31231-1

Duplicate - Batch: 240-109576

Method: 7470A
Preparation: 7470A

Lab Sample ID:	240-31231-1	Analysis Batch:	240-109943	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-109576	Lab File ID:	111413B-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	11/14/2013 1644	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/13/2013 1530				
Leach Date:	N/A				

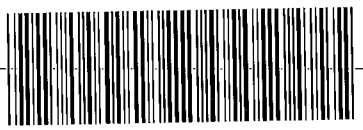
Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY AND RECEIVING DOCUMENTS



240-31231 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

2.6 → 3.6 1.8 → 2.8

ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. 20131107C Page 1 of 1

Project Name: Carrier Syracuse PO No. Project No. 14332 Phase 04

Site Location: Syracuse, NY

Send Results To: Shane Goodnight

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone# J Matthews (901) 212-6408

Lab Name: Test America Turnaround Time(specify): STD

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	(3)→ Total No. of Containers	VOC	PCB (1L)	SVOC (250ml)	Pest (250 ml)	PCB's (Poly metals (250ml)						Extra Volume for MS/MSD	HOLD
	CARMW29G20131107	MW29	11/7/13	1030	WG	N	N	10	3	2	2	2	1							
	CARMW30G20131107	MW30	11/7/13	1150	WG	N	N	10	3	2	2	2	1							
	TRIP20131107	TRIP	11/7/13	—	WQ	TB	N	1	1											

Field **Comments:**

Lab **Comments:**

Sample Shipment and Delivery Details

Number of coolers in shipment:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1		11/7/13	1730	TA SYR		
2		11-7-13	1900	RE English	11-7-13	17:30
3					11-8-13	920

Samples Iced?(check) Yes_____ No_____

Method of Shipment:

Airbill No:

Date Shipped:

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev 12/12

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 51231

Client Ensafe Site Name

Cooler unpacked by:

Cooler Received on 11-8-13 Opened on 11-8-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +5 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	
IR GUN# 4	(CF -1 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	☐ See Multiple Cooler Form
IR GUN# 5	(CF +1 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	
IR GUN# 8	(CF +1 °C) Observed Cooler Temp. 2-6 °C	Corrected Cooler Temp. 3-6 °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other
Concerning ____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container.
Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.
Time preserved: ____ Preservative(s) added/Lot number(s): ____

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
CARMW29G20131107	240-31231-H-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
CARMW30G20131107	240-31231-H-2	Plastic 500ml - with Nitric Acid	<2	_____	_____

TestAmerica
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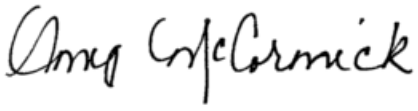
ANALYTICAL REPORT

Job Number: 240-31234-1

Job Description: Former TR-1 Sub-Slab Investigation

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
12/16/2013 12:12 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
12/16/2013
Revision: 1

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE
REVISED

Client: EnSafe, Inc.

Project: Former TR-1 Sub-Slab Investigation

Report Number: 240-31234-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report has been revised to incorporate lower method detection limits for 8270C-LVI.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/08/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.8 C.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Sample CARSSIPZ03G20131107 (240-31234-1) was analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/11/2013 and analyzed on 11/15/2013.

Di-n-butyl phthalate was detected in method blank MB 240-109179/9-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the SVOCs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample CARSSIPZ03G20131107 (240-31234-1) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/11/2013 and analyzed on 11/12/2013.

No difficulties were encountered during the PCBs analysis.

All control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-31234-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-31234-1	**CARSSIPZ03G20131107**					
Bis(2-ethylhexyl) phthalate		1.7	J	2.2	ug/L	8270D
Di-n-butyl phthalate		4.3	B	1.1	ug/L	8270D

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-31234-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Liquid-Liquid Extraction (Continuous)	TAL CAN		SW846 3520C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-31234-1

Method	Analyst	Analyst ID
SW846 8270D	Hula, Tom	TMH
SW846 8082A	Hass, Lori	LSH

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-31234-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-31234-1	CARSSIPZ03G20131107	Water	11/07/2013 1000	11/08/2013 0920

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-31234-1

Client Sample ID: **CARSSIPZ03G20131107**

Lab Sample ID: 240-31234-1 Date Sampled: 11/07/2013 1000
Client Matrix: Water Date Received: 11/08/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-109179	Lab File ID:	1115031.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	11/15/2013 2107			Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,6-Trichlorophenol	ND		0.28	5.4
2,4,5-Trichlorophenol	ND		0.40	5.4
2,4-Dichlorophenol	ND		0.32	2.2
2,4-Dimethylphenol	ND		0.34	2.2
2,4-Dinitrophenol	ND		6.7	43
2,4-Dinitrotoluene	ND		0.28	5.4
2-Chlorophenol	ND		0.14	1.1
2-Methylnaphthalene	ND		0.040	0.22
2-Methylphenol	ND		0.20	1.1
2-Nitroaniline	ND		0.33	2.2
2-Nitrophenol	ND		0.23	2.2
3 & 4 Methylphenol	ND		0.37	2.2
3,3'-Dichlorobenzidine	ND		0.38	5.4
3-Nitroaniline	ND		0.29	2.2
4,6-Dinitro-2-methylphenol	ND		0.57	5.4
4-Bromophenyl phenyl ether	ND		0.38	2.2
4-Chloro-3-methylphenol	ND		0.30	2.2
4-Chloroaniline	ND		0.16	2.2
4-Chlorophenyl phenyl ether	ND		0.32	2.2
4-Nitroaniline	ND		0.26	2.2
Acenaphthene	ND		0.048	0.22
Acenaphthylene	ND		0.022	0.22
Acetophenone	ND		0.15	1.1
Anthracene	ND		0.034	0.22
Benzo[a]anthracene	ND		0.064	0.22
Benzo[a]pyrene	ND		0.033	0.22
Benzo[b]fluoranthene	ND		0.064	0.22
Benzo[g,h,i]perylene	ND		0.054	0.22
Benzo[k]fluoranthene	ND		0.052	0.22
Bis(2-chloroethoxy)methane	ND		0.040	1.1
Bis(2-chloroethyl)ether	ND		0.21	1.1
Bis(2-ethylhexyl) phthalate	1.7	J	1.7	2.2
Butyl benzyl phthalate	ND		0.23	1.1
Carbazole	ND		0.11	1.1
Chrysene	ND		0.038	0.22
Di-n-butyl phthalate	4.3	B	0.43	1.1
Di-n-octyl phthalate	ND		0.40	1.1
Dibenz(a,h)anthracene	ND		0.043	0.22
Dibenzofuran	ND		0.15	1.1
Diethyl phthalate	ND		0.14	1.1
Dimethyl phthalate	ND		0.11	1.1
Fluoranthene	ND		0.029	0.22
Fluorene	ND		0.037	0.22
Hexachlorobenzene	ND		0.13	1.1
Hexachlorobutadiene	ND		0.15	1.1
Hexachlorocyclopentadiene	ND		2.7	11

Client: EnSafe, Inc. Job Number: 240-31234-1

Client Sample ID: **CARSSIPZ03G20131107**

Lab Sample ID: 240-31234-1 Date Sampled: 11/07/2013 1000
Client Matrix: Water Date Received: 11/08/2013 0920

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Prep Method:	3510C	Prep Batch:	240-109179	Lab File ID:	1115031.D
Dilution:	1.0			Initial Weight/Volume:	230 mL
Analysis Date:	11/15/2013 2107			Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachloroethane	ND		0.24	1.1
Indeno[1,2,3-cd]pyrene	ND		0.052	0.22
Isophorone	ND		0.046	1.1
N-Nitrosodi-n-propylamine	ND		0.17	1.1
N-Nitrosodiphenylamine	ND		0.12	1.1
Naphthalene	ND		0.047	0.22
Nitrobenzene	ND		0.13	1.1
Pentachlorophenol	ND		5.9	43
Phenanthrene	ND		0.034	0.22
Phenol	ND		0.16	1.1
Pyrene	ND		0.030	0.22
bis (2-chloroisopropyl) ether	ND		0.20	1.1
2,6-Dinitrotoluene	ND		0.26	5.4
4-Nitrophenol	ND		0.64	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	101		31 - 115
Phenol-d5 (Surr)	68		10 - 110
Nitrobenzene-d5 (Surr)	85		31 - 110
2-Fluorophenol (Surr)	80		15 - 110
2-Fluorobiphenyl (Surr)	74		29 - 110
2,4,6-Tribromophenol (Surr)	88		21 - 128

Client: EnSafe, Inc. Job Number: 240-31234-1

Client Sample ID: **CARSSIPZ03G20131107**

Lab Sample ID: 240-31234-1 Date Sampled: 11/07/2013 1000
Client Matrix: Water Date Received: 11/08/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-109163	Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1632			Injection Volume:	1 uL
Prep Date:	11/11/2013 0750			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.072	0.21
Aroclor-1221	ND		0.055	0.21
Aroclor-1232	ND		0.068	0.21
Aroclor-1242	ND		0.094	0.21
Aroclor-1248	ND		0.043	0.21
Aroclor-1254	ND		0.068	0.21
Aroclor-1260	ND		0.072	0.21
Aroclor-1262	ND		0.064	0.21
Aroclor-1268	ND		0.10	0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	22		10 - 130
Tetrachloro-m-xylene	67		23 - 136

Client: EnSafe, Inc. Job Number: 240-31234-1

Client Sample ID: **CARSSIPZ03G20131107**

Lab Sample ID: 240-31234-1 Date Sampled: 11/07/2013 1000
Client Matrix: Water Date Received: 11/08/2013 0920

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-109163	Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/12/2013 1632			Injection Volume:	1 uL
Prep Date:	11/11/2013 0750			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	26		10 - 130
Tetrachloro-m-xylene	42		23 - 136

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-31234-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-31234-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-109179					
LCS 240-109179/10-A	Lab Control Sample	T	Water	3510C	
MB 240-109179/9-A	Method Blank	T	Water	3510C	
240-31234-1	CARSSIPZ03G20131107	T	Water	3510C	
Analysis Batch:240-109956					
LCS 240-109179/10-A	Lab Control Sample	T	Water	8270D	240-109179
MB 240-109179/9-A	Method Blank	T	Water	8270D	240-109179
240-31234-1	CARSSIPZ03G20131107	T	Water	8270D	240-109179

Report Basis
T = Total

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-109163					
LCS 240-109163/11-A	Lab Control Sample	T	Water	3520C	
MB 240-109163/10-A	Method Blank	T	Water	3520C	
240-31234-1	CARSSIPZ03G20131107	T	Water	3520C	
Analysis Batch:240-109474					
PB 240-109474/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-109163/11-A	Lab Control Sample	T	Water	8082A	240-109163
MB 240-109163/10-A	Method Blank	T	Water	8082A	240-109163
240-31234-1	CARSSIPZ03G20131107	T	Water	8082A	240-109163

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-31234-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TPH %Rec	PHL %Rec	NBZ %Rec	2FP %Rec	FBP %Rec	TBP %Rec
240-31234-1	CARSSIPZ03G20131 107	101	68	85	80	74	88
MB 240-109179/9-A		96	44	79	60	74	67
LCS 240-109179/10-A		109	62	91	76	90	90

Surrogate	Acceptance Limits
TPH = Terphenyl-d14 (Surr)	31-115
PHL = Phenol-d5 (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	31-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl (Surr)	29-110
TBP = 2,4,6-Tribromophenol (Surr)	21-128

Client: EnSafe, Inc.

Job Number: 240-31234-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
240-31234-1	CARSSIPZ03G20131107	22	26	67	42
MB 240-109163/10-A		53	64	59	56
LCS 240-109163/11-A		70	85	64	62

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-130
TCX = Tetrachloro-m-xylene	23-136

Client: EnSafe, Inc. Job Number: 240-31234-1

Method Blank - Batch: 240-109179 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	MB 240-109179/9-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1448	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2,4,6-Trichlorophenol	ND		0.26	5.0
2,4,5-Trichlorophenol	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.29	2.0
2,4-Dimethylphenol	ND		0.31	2.0
2,4-Dinitrophenol	ND		6.1	40
2,4-Dinitrotoluene	ND		0.26	5.0
2-Chlorophenol	ND		0.13	1.0
2-Methylnaphthalene	ND		0.037	0.20
2-Methylphenol	ND		0.19	1.0
2-Nitroaniline	ND		0.31	2.0
2-Nitrophenol	ND		0.21	2.0
3 & 4 Methylphenol	ND		0.34	2.0
3,3'-Dichlorobenzidine	ND		0.35	5.0
3-Nitroaniline	ND		0.27	2.0
4,6-Dinitro-2-methylphenol	ND		0.53	5.0
4-Bromophenyl phenyl ether	ND		0.35	2.0
4-Chloro-3-methylphenol	ND		0.28	2.0
4-Chloroaniline	ND		0.15	2.0
4-Chlorophenyl phenyl ether	ND		0.29	2.0
4-Nitroaniline	ND		0.24	2.0
Acenaphthene	ND		0.044	0.20
Acenaphthylene	ND		0.020	0.20
Acetophenone	ND		0.14	1.0
Anthracene	ND		0.031	0.20
Benzo[a]anthracene	ND		0.059	0.20
Benzo[a]pyrene	ND		0.030	0.20
Benzo[b]fluoranthene	ND		0.059	0.20
Benzo[g,h,i]perylene	ND		0.050	0.20
Benzo[k]fluoranthene	ND		0.048	0.20
Bis(2-chloroethoxy)methane	ND		0.037	1.0
Bis(2-chloroethyl)ether	ND		0.19	1.0
Bis(2-ethylhexyl) phthalate	ND		1.5	2.0
Butyl benzyl phthalate	ND		0.22	1.0
Carbazole	ND		0.11	1.0
Chrysene	ND		0.035	0.20
Di-n-butyl phthalate	3.75		0.40	1.0
Di-n-octyl phthalate	ND		0.37	1.0
Dibenz(a,h)anthracene	ND		0.040	0.20
Dibenzofuran	ND		0.14	1.0
Diethyl phthalate	ND		0.13	1.0
Dimethyl phthalate	ND		0.10	1.0
Fluoranthene	ND		0.027	0.20
Fluorene	ND		0.034	0.20
Hexachlorobenzene	ND		0.12	1.0
Hexachlorobutadiene	ND		0.14	1.0

Client: EnSafe, Inc. Job Number: 240-31234-1

Method Blank - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 240-109179/9-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1448	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorocyclopentadiene	ND		2.5	10
Hexachloroethane	ND		0.22	1.0
Indeno[1,2,3-cd]pyrene	ND		0.048	0.20
Isophorone	ND		0.042	1.0
N-Nitrosodi-n-propylamine	ND		0.16	1.0
N-Nitrosodiphenylamine	ND		0.11	1.0
Naphthalene	ND		0.043	0.20
Nitrobenzene	ND		0.12	1.0
Pentachlorophenol	ND		5.5	40
Phenanthrene	ND		0.031	0.20
Phenol	ND		0.15	1.0
Pyrene	ND		0.028	0.20
bis (2-chloroisopropyl) ether	ND		0.18	1.0
2,6-Dinitrotoluene	ND		0.24	5.0
4-Nitrophenol	ND		0.59	5.0

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	96	31 - 115
Phenol-d5 (Surr)	44	10 - 110
Nitrobenzene-d5 (Surr)	79	31 - 110
2-Fluorophenol (Surr)	60	15 - 110
2-Fluorobiphenyl (Surr)	74	29 - 110
2,4,6-Tribromophenol (Surr)	67	21 - 128

Client: EnSafe, Inc. Job Number: 240-31234-1

Lab Control Sample - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-109179/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1510	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	8.00	7.98	100	40 - 160	
2,4,5-Trichlorophenol	8.00	7.85	98	20 - 120	
2,4-Dichlorophenol	8.00	8.74	109	40 - 160	
2,4-Dimethylphenol	8.00	7.74	97	10 - 120	
2,4-Dinitrophenol	16.0	11.6	73	20 - 120	J
2,4-Dinitrotoluene	8.00	8.27	103	40 - 160	
2-Chlorophenol	8.00	8.10	101	40 - 160	
2-Methylnaphthalene	8.00	7.39	92	40 - 160	
2-Methylphenol	8.00	8.04	101	20 - 120	
2-Nitroaniline	8.00	7.96	100	40 - 160	
2-Nitrophenol	8.00	8.43	105	40 - 160	
3 & 4 Methylphenol	8.00	8.02	100	40 - 160	
3,3'-Dichlorobenzidine	16.0	10.9	68	10 - 120	
3-Nitroaniline	8.00	8.20	102	40 - 160	
4,6-Dinitro-2-methylphenol	16.0	13.2	83	40 - 160	
4-Bromophenyl phenyl ether	8.00	8.06	101	40 - 160	
4-Chloro-3-methylphenol	8.00	8.05	101	40 - 160	
4-Chloroaniline	8.00	5.24	66	10 - 120	
4-Chlorophenyl phenyl ether	8.00	7.82	98	40 - 160	
4-Nitroaniline	8.00	8.14	102	40 - 160	
Acenaphthene	8.00	7.43	93	40 - 160	
Acenaphthylene	8.00	7.37	92	40 - 160	
Acetophenone	8.00	9.12	114	40 - 160	
Anthracene	8.00	7.69	96	40 - 160	
Benzo[a]anthracene	8.00	7.91	99	40 - 160	
Benzo[a]pyrene	8.00	8.05	101	40 - 160	
Benzo[b]fluoranthene	8.00	8.20	103	40 - 160	
Benzo[g,h,i]perylene	8.00	8.32	104	40 - 160	
Benzo[k]fluoranthene	8.00	8.40	105	40 - 160	
Bis(2-chloroethoxy)methane	8.00	8.73	109	40 - 160	
Bis(2-chloroethyl)ether	8.00	8.17	102	40 - 160	
Bis(2-ethylhexyl) phthalate	8.00	9.75	122	40 - 160	
Butyl benzyl phthalate	8.00	8.48	106	40 - 160	
Carbazole	8.00	8.71	109	40 - 160	
Chrysene	8.00	7.99	100	40 - 160	
Di-n-butyl phthalate	8.00	12.1	151	40 - 160	
Di-n-octyl phthalate	8.00	8.43	105	40 - 160	
Dibenz(a,h)anthracene	8.00	8.23	103	40 - 160	
Dibenzofuran	8.00	7.55	94	40 - 160	
Diethyl phthalate	8.00	8.51	106	40 - 160	
Dimethyl phthalate	8.00	8.29	104	40 - 160	

Client: EnSafe, Inc. Job Number: 240-31234-1

Lab Control Sample - Batch: 240-109179

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 240-109179/10-A	Analysis Batch:	240-109956	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-109179	Lab File ID:	1115015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/15/2013 1510	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/11/2013 0824			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Fluoranthene	8.00	8.01	100	40 - 160	
Fluorene	8.00	7.90	99	40 - 160	
Hexachlorobenzene	8.00	7.60	95	40 - 160	
Hexachlorobutadiene	8.00	5.99	75	40 - 160	
Hexachlorocyclopentadiene	8.00	4.85	61	40 - 160	J
Hexachloroethane	8.00	5.84	73	40 - 160	
Indeno[1,2,3-cd]pyrene	8.00	8.06	101	40 - 160	
Isophorone	8.00	9.34	117	40 - 160	
N-Nitrosodi-n-propylamine	8.00	9.22	115	40 - 160	
N-Nitrosodiphenylamine	16.0	16.1	101	40 - 160	
Naphthalene	8.00	7.14	89	40 - 160	
Nitrobenzene	8.00	8.09	101	40 - 160	
Pentachlorophenol	16.0	11.6	72	10 - 120	J
Phenanthrene	8.00	7.85	98	40 - 160	
Phenol	8.00	5.58	70	10 - 120	
Pyrene	8.00	7.99	100	40 - 160	
bis (2-chloroisopropyl) ether	8.00	7.94	99	40 - 160	
2,6-Dinitrotoluene	8.00	8.90	111	40 - 160	
4-Nitrophenol	16.0	10.7	67	10 - 120	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	109	31 - 115
Phenol-d5 (Surr)	62	10 - 110
Nitrobenzene-d5 (Surr)	91	31 - 110
2-Fluorophenol (Surr)	76	15 - 110
2-Fluorobiphenyl (Surr)	90	29 - 110
2,4,6-Tribromophenol (Surr)	90	21 - 128

Method Blank - Batch: 240-109163 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	MB 240-109163/10-A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-109163	Lab File ID:	P1100008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1537	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/11/2013 0750			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		0.068	0.20
Aroclor-1221	ND		0.052	0.20
Aroclor-1232	ND		0.064	0.20
Aroclor-1242	ND		0.088	0.20
Aroclor-1248	ND		0.040	0.20
Aroclor-1254	ND		0.064	0.20
Aroclor-1260	ND		0.068	0.20
Aroclor-1262	ND		0.060	0.20
Aroclor-1268	ND		0.096	0.20

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	53	10 - 130
Tetrachloro-m-xylene	59	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	10 - 130
Tetrachloro-m-xylene	56	23 - 136

Lab Control Sample - Batch: 240-109163 **Method: 8082A**
Preparation: 3520C

Lab Sample ID:	LCS 240-109163/11-A	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-109163	Lab File ID:	P1100015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2013 1713	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/11/2013 0750			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	2.50	1.96	78	66 - 120	
Aroclor-1260	2.50	2.15	86	55 - 120	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	70	10 - 130
Tetrachloro-m-xylene	64	23 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	10 - 130
Tetrachloro-m-xylene	62	23 - 136

Client: EnSafe, Inc. Job Number: 240-31234-1

Preparation / Extraction Blank - Batch: 240-109474

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-109474/2	Analysis Batch:	240-109474	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1100002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/12/2013 1414	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		34	100
Aroclor-1221	ND		26	100
Aroclor-1232	ND		32	100
Aroclor-1242	ND		44	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		32	100
Aroclor-1260	ND		34	100
Aroclor-1262	ND		30	100
Aroclor-1268	ND		48	100

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl		
Tetrachloro-m-xylene		

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2.6 → 3.6 1.8 → 2.8

ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. 20131107A | Page 1 of 1

Project Name: Carrier Syracuse TR-1 Subslab | PO No. | Project No. 14332 | Phase 04

Site Location: Syracuse, NY

Send Results To: Shane Goodnight

Sampler/Site Phone# J. Matthews (901) 212-6408

Lab Name: Test America | Turnaround Time(specify): STD

Sample Analysis Requested (*Enter number of containers for each test*)

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	(3)→ Total No. of Containers	PCB (1Q)	SVOC (Store)								Extra Volume for MS/MSD	HOLD
	CARSSLPZ03620131107	SSLPZ03	11/7/13	1000	WG	N	N	2	2	2									

Field **Comments:**

Lab **Comments:**
Resample 30764

Sample Shipment and Delivery Details
Number of coolers in shipment:
Samples Iced?(check) Yes____ No____
Method of Shipment:
Airbill No:
Date Shipped:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1	[signature]	11/7/13	1730	RE Hulick, TA Syr	11-7-13	17:30
2	RE	11-7-13	1900	[signature]	11-8-13	920
3						

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **OIl**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev 10/12

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 31234

Client Ensafe Site Name

Cooler unpacked by:

Cooler Received on 11-8-13 Opened on 11-8-13

FedEx: 1st Grd ~~Exp~~ UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box (Client Cooler) Box Other

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +5 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	
IR GUN# 4	(CF -1 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	☐ See Multiple Cooler Form
IR GUN# 5	(CF +1 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	
IR GUN# 8	(CF +1 °C) Observed Cooler Temp. 1.8 °C	Corrected Cooler Temp. 2.8 °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes (No)
12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other
Concerning ____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container.
Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.
Time preserved: ____ Preservative(s) added/Lot number(s): ____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-32156-1

Job Description: TR1 Free Phase Product

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin

Approved for release.
Amy L McCormick
Project Manager II
12/16/2013 3:43 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
12/16/2013

cc: Shane Goodnight
Brian Ham
Anne Kathain
Final Data Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: TR1 Free Phase Product

Report Number: 240-32156-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 12/06/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.8 C.

DIESEL RANGE ORGANICS

Samples MW25LF120513 (240-32156-1) and SSIPZ04LF120513 (240-32156-3) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 12/06/2013 and analyzed on 12/09/2013.

Samples MW25LF120513 (240-32156-1)[500X] and SSIPZ04LF120513 (240-32156-3)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples MW25LF120513 (240-32156-1) and SSIPZ04LF120513 (240-32156-3) contained a petroleum product which most closely resembles the hydraulic fluid reference sample run for comparison.

o-Terphenyl (Surr) failed the surrogate recovery criteria high for SSIPZ04LF120513MS (240-32156-3MS).

Diesel Range Organics [C10 - C28] failed the recovery criteria high for the MS/MSD of sample SSIPZ04LF120513MS/MSD (240-32156-3) in batch 240-112929.

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Sample DCDPZ04LF120513 (240-32156-4) was analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 12/11/2013 and analyzed on 12/13/2013.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Sample DCDPZ04LF120513 (240-32156-4)[1000X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample DCDPZ04LF120513 (240-32156-4) contained a mixture of petroleum products. The main component most closely resembles the mineral spirits reference sample run for comparison.

o-Terphenyl (Surr) failed the surrogate recovery criteria high for DCDPZ04LF120513 (240-32156-4).

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples MW25LF120513 (240-32156-1), DCDPZ04LF120513 (240-32156-2) and SSIPZ04LF120513 (240-32156-3) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 12/06/2013 and analyzed on 12/10/2013.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Samples MW25LF120513 (240-32156-1)[500X] and SSIPZ04LF120513 (240-32156-3)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW25LF120513 (240-32156-1).

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-32156-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-32156-1	**MW25LF120513**					
Diesel Range Organics [C10 - C28]		490000		99000	mg/Kg	8015C
Aroclor-1260		1300000		480000	ug/Kg	8082
240-32156-3	**SSIPZ04LF120513**					
Diesel Range Organics [C10 - C28]		480000		98000	mg/Kg	8015C
Aroclor-1260		8900		5000	ug/Kg	8082
240-32156-4	**DCDPZ04LF120513**					
Diesel Range Organics [C10 - C28]		6100000		500000	ug/L	8015C

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-32156-1

Description	Lab Location	Method	Preparation Method
Matrix: Waste			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Waste Dilution	TAL CAN		SW846 3580A
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082	
Waste Dilution	TAL CAN		SW846 3580A
Matrix: Water			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CAN		SW846 3510C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-32156-1

Method	Analyst	Analyst ID
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8082	Hass, Lori	LSH

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-32156-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-32156-1	MW25LF120513	Waste	12/05/2013 1530	12/06/2013 1000
240-32156-2	DCDPZ04LF120513	Waste	12/05/2013 1500	12/06/2013 1000
240-32156-3	SSIPZ04LF120513	Waste	12/05/2013 1600	12/06/2013 1000
240-32156-4	DCDPZ04LF120513	Water	12/05/2013 1500	12/06/2013 1000

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **MW25LF120513**

Lab Sample ID: 240-32156-1 Date Sampled: 12/05/2013 1530
Client Matrix: Waste Date Received: 12/06/2013 1000

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Prep Method:	3580A	Prep Batch:	240-112664	Initial Weight/Volume:	1.01 g
Dilution:	500			Final Weight/Volume:	2 mL
Analysis Date:	12/09/2013 1905			Injection Volume:	1 uL
Prep Date:	12/06/2013 1513			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]		490000		4600	99000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	138		40 - 160

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **SSIPZ04LF120513**

Lab Sample ID: 240-32156-3 Date Sampled: 12/05/2013 1600
Client Matrix: Waste Date Received: 12/06/2013 1000

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Prep Method:	3580A	Prep Batch:	240-112664	Initial Weight/Volume:	1.02 g
Dilution:	500			Final Weight/Volume:	2 mL
Analysis Date:	12/09/2013 1935			Injection Volume:	1 uL
Prep Date:	12/06/2013 1513			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]		480000		4500	98000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	121		40 - 160

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **DCDPZ04LF120513**

Lab Sample ID: 240-32156-4 Date Sampled: 12/05/2013 1500
Client Matrix: Water Date Received: 12/06/2013 1000

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-113559	Instrument ID:	A2HP14F
Prep Method:	3510C	Prep Batch:	240-113194	Initial Weight/Volume:	250 mL
Dilution:	1000			Final Weight/Volume:	5 mL
Analysis Date:	12/13/2013 1248			Injection Volume:	1 uL
Prep Date:	12/11/2013 1003			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	6100000		240000	500000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	994	X	40 - 160

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **MW25LF120513**

Lab Sample ID: 240-32156-1 Date Sampled: 12/05/2013 1530
Client Matrix: Waste Date Received: 12/06/2013 1000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Prep Method:	3580A	Prep Batch:	240-112655	Initial Weight/Volume:	1.04 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	12/10/2013 0533			Injection Volume:	1 uL
Prep Date:	12/06/2013 1453			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		91000	480000
Aroclor-1221		ND		110000	480000
Aroclor-1232		ND		82000	480000
Aroclor-1242		ND		140000	480000
Aroclor-1248		ND		96000	480000
Aroclor-1254		ND		58000	480000
Aroclor-1260		1300000		63000	480000
Aroclor-1262		ND		67000	480000
Aroclor-1268		ND		16000	480000

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	X	29 - 173
DCB Decachlorobiphenyl	0	X	13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **MW25LF120513**

Lab Sample ID: 240-32156-1 Date Sampled: 12/05/2013 1530
Client Matrix: Waste Date Received: 12/06/2013 1000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Prep Method:	3580A	Prep Batch:	240-112655	Initial Weight/Volume:	1.04 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	12/10/2013 0533			Injection Volume:	1 uL
Prep Date:	12/06/2013 1453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	X	29 - 173
DCB Decachlorobiphenyl	0	X	13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **DCDPZ04LF120513**

Lab Sample ID: 240-32156-2 Date Sampled: 12/05/2013 1500
Client Matrix: Waste Date Received: 12/06/2013 1000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Prep Method:	3580A	Prep Batch:	240-112655	Initial Weight/Volume:	1.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/10/2013 0547			Injection Volume:	1 uL
Prep Date:	12/06/2013 1453			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		190	990
Aroclor-1221		ND		220	990
Aroclor-1232		ND		170	990
Aroclor-1242		ND		290	990
Aroclor-1248		ND		200	990
Aroclor-1254		ND		120	990
Aroclor-1260		ND		130	990
Aroclor-1262		ND		140	990
Aroclor-1268		ND		33	990

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	118		29 - 173
DCB Decachlorobiphenyl	82		13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **DCDPZ04LF120513**

Lab Sample ID: 240-32156-2 Date Sampled: 12/05/2013 1500
Client Matrix: Waste Date Received: 12/06/2013 1000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Prep Method:	3580A	Prep Batch:	240-112655	Initial Weight/Volume:	1.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/10/2013 0547			Injection Volume:	1 uL
Prep Date:	12/06/2013 1453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	136		29 - 173
DCB Decachlorobiphenyl	74		13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **SSIPZ04LF120513**

Lab Sample ID: 240-32156-3 Date Sampled: 12/05/2013 1600
Client Matrix: Waste Date Received: 12/06/2013 1000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	240-113002	Instrument ID:	A2HP11
Prep Method:	3580A	Prep Batch:	240-112655	Initial Weight/Volume:	1.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	12/10/2013 1045			Injection Volume:	1 uL
Prep Date:	12/06/2013 1453			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		940	5000
Aroclor-1221		ND		1100	5000
Aroclor-1232		ND		840	5000
Aroclor-1242		ND		1400	5000
Aroclor-1248		ND		990	5000
Aroclor-1254		ND		590	5000
Aroclor-1260		8900		640	5000
Aroclor-1262		ND		690	5000
Aroclor-1268		ND		160	5000

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	117		29 - 173
DCB Decachlorobiphenyl	98		13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Client Sample ID: **SSIPZ04LF120513**

Lab Sample ID: 240-32156-3 Date Sampled: 12/05/2013 1600
Client Matrix: Waste Date Received: 12/06/2013 1000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	240-113002	Instrument ID:	A2HP11
Prep Method:	3580A	Prep Batch:	240-112655	Initial Weight/Volume:	1.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	12/10/2013 1045			Injection Volume:	1 uL
Prep Date:	12/06/2013 1453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	111		29 - 173
DCB Decachlorobiphenyl	90		13 - 185

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-32156-1

Lab Section	Qualifier	Description
GC Semi VOA		
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	X	Surrogate is outside control limits

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-32156-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-112655					
LCS 240-112655/7-A	Lab Control Sample	T	Waste	3580A	
MB 240-112655/6-A	Method Blank	T	Waste	3580A	
240-32156-1	MW25LF120513	T	Waste	3580A	
240-32156-2	DCDPZ04LF120513	T	Waste	3580A	
240-32156-3	SSIPZ04LF120513	T	Waste	3580A	
240-32156-3MS	Matrix Spike	T	Waste	3580A	
240-32156-3MSD	Matrix Spike Duplicate	T	Waste	3580A	
Prep Batch: 240-112664					
LCS 240-112664/7-A	Lab Control Sample	T	Waste	3580A	
MB 240-112664/6-A	Method Blank	T	Waste	3580A	
240-32156-1	MW25LF120513	T	Waste	3580A	
240-32156-3	SSIPZ04LF120513	T	Waste	3580A	
240-32156-3MS	Matrix Spike	T	Waste	3580A	
240-32156-3MSD	Matrix Spike Duplicate	T	Waste	3580A	
Analysis Batch:240-112929					
PB 240-112929/2	Preparation / Extraction Blank	T	Waste	8015C	
LCS 240-112664/7-A	Lab Control Sample	T	Waste	8015C	240-112664
MB 240-112664/6-A	Method Blank	T	Waste	8015C	240-112664
240-32156-1	MW25LF120513	T	Waste	8015C	240-112664
240-32156-3	SSIPZ04LF120513	T	Waste	8015C	240-112664
240-32156-3MS	Matrix Spike	T	Waste	8015C	240-112664
240-32156-3MSD	Matrix Spike Duplicate	T	Waste	8015C	240-112664
Analysis Batch:240-112933					
PB 240-112933/2	Preparation / Extraction Blank	T	Waste	8082	
LCS 240-112655/7-A	Lab Control Sample	T	Waste	8082	240-112655
MB 240-112655/6-A	Method Blank	T	Waste	8082	240-112655
240-32156-1	MW25LF120513	T	Waste	8082	240-112655
240-32156-2	DCDPZ04LF120513	T	Waste	8082	240-112655
Analysis Batch:240-113002					
PB 240-113002/2	Preparation / Extraction Blank	T	Waste	8082	
240-32156-3	SSIPZ04LF120513	T	Waste	8082	240-112655
240-32156-3MS	Matrix Spike	T	Waste	8082	240-112655
240-32156-3MSD	Matrix Spike Duplicate	T	Waste	8082	240-112655
Prep Batch: 240-113194					
LCS 240-113194/15-A	Lab Control Sample	T	Water	3510C	
MB 240-113194/14-A	Method Blank	T	Water	3510C	
240-32156-4	DCDPZ04LF120513	T	Water	3510C	

Client: EnSafe, Inc. Job Number: 240-32156-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-113559					
PB 240-113559/3	Preparation / Extraction Blank	T	Water	8015C	
LCS 240-113194/15-A	Lab Control Sample	T	Water	8015C	240-113194
MB 240-113194/14-A	Method Blank	T	Water	8015C	240-113194
240-32156-4	DCDPZ04LF120513	T	Water	8015C	240-113194

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-32156-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Waste

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-32156-1	MW25LF120513	138
240-32156-3	SSIPZ04LF120513	121
MB 240-112664/6-A		102
LCS 240-112664/7-A		115
240-32156-3 MS	SSIPZ04LF120513 MS	163X
240-32156-3 MSD	SSIPZ04LF120513 MSD	133

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: EnSafe, Inc. Job Number: 240-32156-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-32156-4	DCDPZ04LF120513	994X
MB 240-113194/14-A		81
LCS 240-113194/15-A		84

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: EnSafe, Inc. Job Number: 240-32156-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Waste

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-32156-1	MW25LF120513	0X	0X	0X	0X
240-32156-2	DCDPZ04LF120513	136	118	74	82
240-32156-3	SSIPZ04LF120513	111	117	90	98
MB 240-112655/6-A		139	121	74	112
LCS 240-112655/7-A		160	143	116	147
240-32156-3 MS	SSIPZ04LF120513 MS	123	150	111	139
240-32156-3 MSD	SSIPZ04LF120513 MSD	120	119	128	151

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	29-173
DCB = DCB Decachlorobiphenyl	13-185

Client: EnSafe, Inc. Job Number: 240-32156-1

Method Blank - Batch: 240-112664

Method: 8015C
Preparation: 3580A

Lab Sample ID:	MB 240-112664/6-A	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-112664	Lab File ID:	P5F20913.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	12/09/2013 1807	Units:	mg/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/06/2013 1513			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		9.3	200

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	102	40 - 160

Lab Control Sample - Batch: 240-112664

Method: 8015C
Preparation: 3580A

Lab Sample ID:	LCS 240-112664/7-A	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-112664	Lab File ID:	P5F20914.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	12/09/2013 1836	Units:	mg/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/06/2013 1513			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	1250	1370	110	52 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	115	40 - 160

Client: EnSafe, Inc. Job Number: 240-32156-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-112664

Method: 8015C
Preparation: 3580A

MS Lab Sample ID:	240-32156-3	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-112664	Lab File ID:	P5F20917.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	12/09/2013 2004			Final Weight/Volume:	2 mL
Prep Date:	12/06/2013 1513			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-32156-3	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-112664	Lab File ID:	P5F20918.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	1.07 g
Analysis Date:	12/09/2013 2034			Final Weight/Volume:	2 mL
Prep Date:	12/06/2013 1513			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10 - C28]	12627	3261	10 - 124	20	40	4	4

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
o-Terphenyl (Surr)	163	X	133	40 - 160

Client: EnSafe, Inc. Job Number: 240-32156-1

Preparation / Extraction Blank - Batch: 240-112929

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-112929/2	Analysis Batch:	240-112929	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	N/A	Lab File ID:	P5F20902.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/09/2013 1126	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		4.6	100

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-32156-1

Method Blank - Batch: 240-113194

Method: 8015C
Preparation: 3510C

Lab Sample ID:	MB 240-113194/14-A	Analysis Batch:	240-113559	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	240-113194	Lab File ID:	P14F121307.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/13/2013 1309	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/11/2013 1003			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		240	500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	81	40 - 160

Lab Control Sample - Batch: 240-113194

Method: 8015C
Preparation: 3510C

Lab Sample ID:	LCS 240-113194/15-A	Analysis Batch:	240-113559	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	240-113194	Lab File ID:	P14F121308.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/13/2013 1330	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/11/2013 1003			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2000	1660	83	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	84	40 - 160

Client: EnSafe, Inc. Job Number: 240-32156-1

Preparation / Extraction Blank - Batch: 240-113559

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-113559/3	Analysis Batch:	240-113559	Instrument ID:	A2HP14F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P14F121303.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/13/2013 1146	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		12000	25000

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)		

Method Blank - Batch: 240-112655 **Method: 8082**
Preparation: 3580A

Lab Sample ID:	MB 240-112655/6-A	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Client Matrix:	Waste	Prep Batch:	240-112655	Lab File ID:	P1200016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	12/10/2013 0645	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/06/2013 1453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		190	1000
Aroclor-1221	ND		220	1000
Aroclor-1232	ND		170	1000
Aroclor-1242	ND		290	1000
Aroclor-1248	ND		200	1000
Aroclor-1254	ND		120	1000
Aroclor-1260	ND		130	1000
Aroclor-1262	ND		140	1000
Aroclor-1268	ND		33	1000

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	121	29 - 173
DCB Decachlorobiphenyl	112	13 - 185

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	139	29 - 173
DCB Decachlorobiphenyl	74	13 - 185

Lab Control Sample - Batch: 240-112655 **Method: 8082**
Preparation: 3580A

Lab Sample ID:	LCS 240-112655/7-A	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Client Matrix:	Waste	Prep Batch:	240-112655	Lab File ID:	P1200017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	12/10/2013 0659	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/06/2013 1453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	10000	11600	116	66 - 149	
Aroclor-1260	10000	13100	131	50 - 155	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	143	29 - 173
DCB Decachlorobiphenyl	147	13 - 185

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	160	29 - 173
DCB Decachlorobiphenyl	116	13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-112655

Method: 8082
Preparation: 3580A

MS Lab Sample ID:	240-32156-3	Analysis Batch:	240-113002	Instrument ID:	A2HP11
Client Matrix:	Waste	Prep Batch:	240-112655	Lab File ID:	P1100005.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	12/10/2013 1059			Final Weight/Volume:	10 mL
Prep Date:	12/06/2013 1453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-32156-3	Analysis Batch:	240-113002	Instrument ID:	A2HP11
Client Matrix:	Waste	Prep Batch:	240-112655	Lab File ID:	P1100006.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	12/10/2013 1113			Final Weight/Volume:	10 mL
Prep Date:	12/06/2013 1453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	104	97	10 - 178	10	30		
Aroclor-1260	99	97	26 - 143	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	150	119	29 - 173
DCB Decachlorobiphenyl	139	151	13 - 185

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	123	120	29 - 173
DCB Decachlorobiphenyl	111	128	13 - 185

Client: EnSafe, Inc. Job Number: 240-32156-1

Preparation / Extraction Blank - Batch: 240-112933 **Method: 8082**
Preparation: N/A

Lab Sample ID:	PB 240-112933/2	Analysis Batch:	240-112933	Instrument ID:	A2HP12
Client Matrix:	Waste	Prep Batch:	N/A	Lab File ID:	P1200002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2013 0324	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		19	100
Aroclor-1221	ND		22	100
Aroclor-1232	ND		17	100
Aroclor-1242	ND		29	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		12	100
Aroclor-1260	ND		13	100
Aroclor-1262	ND		14	100
Aroclor-1268	ND		3.3	100

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene		
DCB Decachlorobiphenyl		

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene		
DCB Decachlorobiphenyl		

Client: EnSafe, Inc. Job Number: 240-32156-1

Preparation / Extraction Blank - Batch: 240-113002 **Method: 8082**
Preparation: N/A

Lab Sample ID:	PB 240-113002/2	Analysis Batch:	240-113002	Instrument ID:	A2HP11
Client Matrix:	Waste	Prep Batch:	N/A	Lab File ID:	P1100002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2013 1017	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		19	100
Aroclor-1221	ND		22	100
Aroclor-1232	ND		17	100
Aroclor-1242	ND		29	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		12	100
Aroclor-1260	ND		13	100
Aroclor-1262	ND		14	100
Aroclor-1268	ND		3.3	100

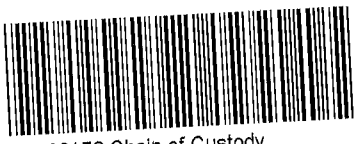
Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene		
DCB Decachlorobiphenyl		

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene		
DCB Decachlorobiphenyl		

TestAmerica
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TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS


240-32156 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

! 3 Day TAT ! North Canton 4.8

ENSAFE

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. — Page 1 of 1

Project Name: UTC Carrier - TR1 Free Phase Product
PO No. — Project No. 14332 Phase 98

Site Location: UTC Carrier / Syracuse

Send Results To: Shane Goodnight

Sampler/Site Phone#

Lab Name: Turnaround Time(specify):

Sample Analysis Requested (*Enter number of containers for each test*)

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	(3)→	X	X									Extra Volume for MS/MSD	HOLD
										DRO 8015C	PCB 8082										
	MW25LF120513	MW-25	12/5/13	~~1530~~ 1530	LF	N	N	1		X	X										
	DCDP204LF120513	DCD-P204	↓	~~1600~~ 1530 1500	LF	N	N	1		X	X										
	SSIP204LF120513	SSIP204	↓	1600																	

Fingerprint Re-sample

Field **Comments:** Only Partial oil/H2O mix as DCDP204 went Dry

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:
Samples Iced?(check) Yes_____ No_____
Method of Shipment:
Airbill No:
Date Shipped:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1	D. [illegible]	12/5/13	1645	RENGLISH, TASYR	12-05-13	1650
2	RENGLISH	12-5-13	1900	[illegible]	12-6-13	1000
3						

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water

(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank

(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative Login # : 32156
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by:

Cooler Received on 12-6-13 Opened on 12-6-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C)	Observed Cooler Temp. 4.8 °C	Corrected Cooler Temp. 4.8 °C	
IR GUN# 4	(CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form
IR GUN# 5	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes (No)
12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: CL

No tests marked for SSIPZ04LF120513 on COC. Bottles = DRO+PCB. Will log tests per bottle.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

ANALYTICAL REPORT

Job Number: 240-33444-1

Job Description: UTC/Carrier

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228

Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager II
1/22/2014 5:06 PM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
01/22/2014

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

CASE NARRATIVE

Client: EnSafe, Inc.

Project: UTC/Carrier

Report Number: 240-33444-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Aroclor-1262 and Aroclor-1268 are not included in our New York certification.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 01/18/2014; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.6 C.

DIESEL RANGE ORGANICS

Sample DCDPZ0420141 (240-33444-1) was analyzed for diesel range organics in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared and analyzed on 01/20/2014.

Sample DCDPZ0420141 (240-33444-1)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample DCDPZ0420141 (240-33444-1) contained a petroleum product which most closely resembles the jet fuel reference sample used for comparison.

o-Terphenyl (Surr) failed the surrogate recovery criteria low for DCDPZ0420141 (240-33444-1), DCDPZ0420141MS (240-33444-1MS), and DCDPZ0420141MSD (240-33444-1MSD).

Diesel Range Organics [C10 - C28] failed the recovery criteria high for the MS/MSD of sample DCDPZ0420141MS/MSD (240-33444-1) in batch 240-117111.

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample DCDPZ0420141 (240-33444-1) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 01/20/2014.

Sample DCDPZ0420141 (240-33444-1)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples DCDPZ0420141 (240-33444-1), DCDPZ0420141MS (240-33444-1MS), and DCDPZ0420141MSD (240-33444-1MSD) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for DCDPZ0420141 (240-33444-1),

DCDPZ0420141MS (240-33444-1MS), and DCDPZ0420141MSD (240-33444-1MSD).

Aroclor-1260 failed the recovery criteria low for the MS/MSD of sample DCDPZ0420141MS/MSD (240-33444-1) in batch 240-117136.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-33444-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-33444-1	**DCDPZ0420141**					
Diesel Range Organics [C10 - C28]		420000		97000	mg/Kg	8015C
Aroclor-1254		53000	J	95000	ug/Kg	8082A

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-33444-1

Description	Lab Location	Method	Preparation Method
Matrix: Waste			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Waste Dilution	TAL CAN		SW846 3580A
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Waste Dilution	TAL CAN		SW846 3580A

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: EnSafe, Inc. Job Number: 240-33444-1

Method	Analyst	Analyst ID
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8082A	Hass, Lori	LSH

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-33444-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-33444-1	DCDPZ0420141	Waste	01/17/2014 1030	01/18/2014 0950

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-33444-1

Client Sample ID: **DCDPZ0420141**

Lab Sample ID: 240-33444-1 Date Sampled: 01/17/2014 1030
Client Matrix: Waste Date Received: 01/18/2014 0950

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-117111	Instrument ID:	A2HP5F
Prep Method:	3580A	Prep Batch:	240-117095	Initial Weight/Volume:	1.03 g
Dilution:	500			Final Weight/Volume:	2 mL
Analysis Date:	01/20/2014 1734			Injection Volume:	1 uL
Prep Date:	01/20/2014 1105			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]		420000		4500	97000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	2	X	40 - 160

Client: EnSafe, Inc. Job Number: 240-33444-1

Client Sample ID: **DCDPZ0420141**

Lab Sample ID: 240-33444-1 Date Sampled: 01/17/2014 1030
Client Matrix: Waste Date Received: 01/18/2014 0950

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Prep Method:	3580A	Prep Batch:	240-117096	Initial Weight/Volume:	1.05 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	01/20/2014 1651			Injection Volume:	1 uL
Prep Date:	01/20/2014 1107			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		ND		18000	95000
Aroclor-1221		ND		21000	95000
Aroclor-1232		ND		16000	95000
Aroclor-1242		ND		28000	95000
Aroclor-1248		ND		19000	95000
Aroclor-1254		53000	J	11000	95000
Aroclor-1260		ND		12000	95000
Aroclor-1262		ND		13000	95000
Aroclor-1268		ND		3100	95000

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	X	29 - 173
DCB Decachlorobiphenyl	0	X	13 - 185

Client: EnSafe, Inc. Job Number: 240-33444-1

Client Sample ID: **DCDPZ0420141**

Lab Sample ID: 240-33444-1 Date Sampled: 01/17/2014 1030
Client Matrix: Waste Date Received: 01/18/2014 0950

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Prep Method:	3580A	Prep Batch:	240-117096	Initial Weight/Volume:	1.05 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	01/20/2014 1651			Injection Volume:	1 uL
Prep Date:	01/20/2014 1107			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	X	29 - 173
DCB Decachlorobiphenyl	0	X	13 - 185

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-33444-1

Lab Section	Qualifier	Description
GC Semi VOA		
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-33444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-117095					
LCS 240-117095/6-A	Lab Control Sample	T	Waste	3580A	
MB 240-117095/5-A	Method Blank	T	Waste	3580A	
240-33444-1	DCDPZ0420141	T	Waste	3580A	
240-33444-1MS	Matrix Spike	T	Waste	3580A	
240-33444-1MSD	Matrix Spike Duplicate	T	Waste	3580A	
Prep Batch: 240-117096					
LCS 240-117096/6-A	Lab Control Sample	T	Waste	3580A	
MB 240-117096/5-A	Method Blank	T	Waste	3580A	
240-33444-1	DCDPZ0420141	T	Waste	3580A	
240-33444-1MS	Matrix Spike	T	Waste	3580A	
240-33444-1MSD	Matrix Spike Duplicate	T	Waste	3580A	
Analysis Batch:240-117111					
PB 240-117111/4	Preparation / Extraction Blank	T	Waste	8015C	
LCS 240-117095/6-A	Lab Control Sample	T	Waste	8015C	240-117095
MB 240-117095/5-A	Method Blank	T	Waste	8015C	240-117095
240-33444-1	DCDPZ0420141	T	Waste	8015C	240-117095
240-33444-1MS	Matrix Spike	T	Waste	8015C	240-117095
240-33444-1MSD	Matrix Spike Duplicate	T	Waste	8015C	240-117095
Analysis Batch:240-117136					
PB 240-117136/2	Preparation / Extraction Blank	T	Waste	8082A	
LCS 240-117096/6-A	Lab Control Sample	T	Waste	8082A	240-117096
MB 240-117096/5-A	Method Blank	T	Waste	8082A	240-117096
240-33444-1	DCDPZ0420141	T	Waste	8082A	240-117096
240-33444-1MS	Matrix Spike	T	Waste	8082A	240-117096
240-33444-1MSD	Matrix Spike Duplicate	T	Waste	8082A	240-117096

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-33444-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Waste

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-33444-1	DCDPZ0420141	2X
MB 240-117095/5-A		95
LCS 240-117095/6-A		100
240-33444-1 MS	DCDPZ0420141 MS	7X
240-33444-1 MSD	DCDPZ0420141 MSD	4X

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: EnSafe, Inc. Job Number: 240-33444-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Waste

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-33444-1	DCDPZ0420141	0X	0X	0X	0X
MB 240-117096/5-A		105	135	91	126
LCS 240-117096/6-A		120	154	123	149
240-33444-1 MS	DCDPZ0420141 MS	0X	0X	0X	0X
240-33444-1 MSD	DCDPZ0420141 MSD	0X	0X	0X	0X

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	29-173
DCB = DCB Decachlorobiphenyl	13-185

Client: EnSafe, Inc. Job Number: 240-33444-1

Method Blank - Batch: 240-117095

Method: 8015C
Preparation: 3580A

Lab Sample ID:	MB 240-117095/5-A	Analysis Batch:	240-117111	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-117095	Lab File ID:	P5F12007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/20/2014 1601	Units:	mg/Kg	Final Weight/Volume:	2 mL
Prep Date:	01/20/2014 1105			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		9.3	200

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	95	40 - 160

Lab Control Sample - Batch: 240-117095

Method: 8015C
Preparation: 3580A

Lab Sample ID:	LCS 240-117095/6-A	Analysis Batch:	240-117111	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-117095	Lab File ID:	P5F12008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/20/2014 1632	Units:	mg/Kg	Final Weight/Volume:	2 mL
Prep Date:	01/20/2014 1105			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	1250	1330	106	52 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	100	40 - 160

Client: EnSafe, Inc. Job Number: 240-33444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-117095

Method: 8015C
Preparation: 3580A

MS Lab Sample ID:	240-33444-1	Analysis Batch:	240-117111	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-117095	Lab File ID:	P5F12011.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	1.12 g
Analysis Date:	01/20/2014 1805			Final Weight/Volume:	2 mL
Prep Date:	01/20/2014 1105			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-33444-1	Analysis Batch:	240-117111	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	240-117095	Lab File ID:	P5F12012.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	1.08 g
Analysis Date:	01/20/2014 1835			Final Weight/Volume:	2 mL
Prep Date:	01/20/2014 1105			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10 - C28]	9667	5047	10 - 124	10	40	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl (Surr)	7	X	4	X	40 - 160

Client: EnSafe, Inc. Job Number: 240-33444-1

Preparation / Extraction Blank - Batch: 240-117111

Method: 8015C
Preparation: N/A

Lab Sample ID:	PB 240-117111/4	Analysis Batch:	240-117111	Instrument ID:	A2HP5F
Client Matrix:	Waste	Prep Batch:	N/A	Lab File ID:	P5F12004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/20/2014 1431	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		4.6	100

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)		

Client: EnSafe, Inc. Job Number: 240-33444-1

Method Blank - Batch: 240-117096

Method: 8082A
Preparation: 3580A

Lab Sample ID:	MB 240-117096/5-A	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Client Matrix:	Waste	Prep Batch:	240-117096	Lab File ID:	P1000011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/20/2014 1837	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	01/20/2014 1107			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		190	1000
Aroclor-1221	ND		220	1000
Aroclor-1232	ND		170	1000
Aroclor-1242	ND		290	1000
Aroclor-1248	ND		200	1000
Aroclor-1254	ND		120	1000
Aroclor-1260	ND		130	1000
Aroclor-1262	ND		140	1000
Aroclor-1268	ND		33	1000

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	105	29 - 173
DCB Decachlorobiphenyl	91	13 - 185

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	135	29 - 173
DCB Decachlorobiphenyl	126	13 - 185

Lab Control Sample - Batch: 240-117096

Method: 8082A
Preparation: 3580A

Lab Sample ID:	LCS 240-117096/6-A	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Client Matrix:	Waste	Prep Batch:	240-117096	Lab File ID:	P1000012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/20/2014 1852	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	01/20/2014 1107			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	10000	10300	103	66 - 149	
Aroclor-1260	10000	10900	109	50 - 155	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	120	29 - 173
DCB Decachlorobiphenyl	123	13 - 185

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	154	29 - 173
DCB Decachlorobiphenyl	149	13 - 185

Client: EnSafe, Inc. Job Number: 240-33444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-117096

Method: 8082A
Preparation: 3580A

MS Lab Sample ID:	240-33444-1	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Client Matrix:	Waste	Prep Batch:	240-117096	Lab File ID:	P1000005.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/20/2014 1706			Final Weight/Volume:	10 mL
Prep Date:	01/20/2014 1107			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-33444-1	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Client Matrix:	Waste	Prep Batch:	240-117096	Lab File ID:	P1000006.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/20/2014 1721			Final Weight/Volume:	10 mL
Prep Date:	01/20/2014 1107			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	NC	NC	10 - 178	NC	30		
Aroclor-1260	NC	NC	26 - 143	9	30	J	J

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	0	X	0	X	29 - 173
DCB Decachlorobiphenyl	0	X	0	X	13 - 185

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	0	X	0	X	29 - 173
DCB Decachlorobiphenyl	0	X	0	X	13 - 185

Client: EnSafe, Inc. Job Number: 240-33444-1

Preparation / Extraction Blank - Batch: 240-117136

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-117136/2	Analysis Batch:	240-117136	Instrument ID:	A2HP10
Client Matrix:	Waste	Prep Batch:	N/A	Lab File ID:	P1000002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/20/2014 1620	Units:	ug/Kg	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	ND		19	100
Aroclor-1221	ND		22	100
Aroclor-1232	ND		17	100
Aroclor-1242	ND		29	100
Aroclor-1248	ND		20	100
Aroclor-1254	ND		12	100
Aroclor-1260	ND		13	100
Aroclor-1262	ND		14	100
Aroclor-1268	ND		3.3	100

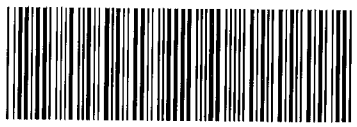
Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene		
DCB Decachlorobiphenyl		

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene		
DCB Decachlorobiphenyl		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-33444 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

3.4 N. Canton 48 HR TAT Oil Analysis Only

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. NA | Page 1 of 1

ENSAFE
EnSafe Inc.
800-588-7962

Project Name: UTC/Carrier | PO No. 15641 | Project No. 14322 | Phase —

Site Location: Syracuse

Send Results To: May Heflin

Sample Analysis Requested (*Enter number of containers for each test*)

Sampler/Site Phone#: M. Crawford 315. 283. 8871

Lab Name: TA - N. Canton | Turnaround Time(specify):

(3)→

Lab ID	Sample ID (sys_samp_code)	Location ID (sys_loc_code)	(mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	8015B DRO	Fingerprint	8082 Total PCB									Extra Volume for MS/MSD	HOLD
	DCDP204 20141	DCDP204	1/17/14	1030	LF	N	N	1	X	X	X										

Field **Comments:**
*Fingerprint Analysis to be compared to library.

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:
Samples Iced?(check) Yes_____ No_____
Method of Shipment:
Airbill No:
Date Shipped:

	Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1	[signature]	1/17/14	1030	[signature] TACSys	1-17-14	10:30
2	[signature] TACSys	1-17-14	9:50	[signature] Bonar	1/18/14	9:50
3						

(1) Matrix Code: **AA**=Air, **AQ**=Air QC Matrix, **CK**=Caulk, **GS**=Soil Gas, **LF**=Free Product, **LH**=Liquid Waste, **MS**=Mastic, **Oil**=Oil, **PT**=Paint, **SC**=Cement/Concrete, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid QC Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water QC Matrix, **WS**=Surface Water, **SU**=Storm Water, **WW**=Waste Water
(2) Sample Type: **AB**=Ambient Blank, **EB**=Equipment Blank, **FB**=Field Blank, **FD**=Field Duplicate Sample, **FR**=Field Replicate, **MB**=Material Blank, **N**=Normal Environmental Sample, **RB**=Material Rinse Blank, **TB**=Trip Blank
(3) Preservative added: **HA**=Hydrochloric Acid, **NI**=Nitric Acid, **SH**=Sodium Hydroxide, **SA**=Sulfuric Acid, **AA**=Ascorbic Acid, **HX**=Hexane, **ME**=Methanol, **SB**=sodium bisulfate, **ST**=Sodium Thiosulfate, If **NO preservative** added leave blank

Rev. 12/12

TestAmerica Canton Sample Receipt Form/Narrative Login # : _____
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by: Jessie Boner

Cooler Received on 1/18/14 Opened on 1/18/14

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C) Observed Cooler Temp. 3.0 °C	Corrected Cooler Temp. 3.0 °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF -1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   - Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   - Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes (No)
12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____