TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-38755-1

Job Description: MH3 Oil Source 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
7/9/2014 10:23 AM

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07/09/2014

cc: Shane Goodnight
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: MH3 Oil Source Investigation

Report Number: 240-38755-1

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.

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

RECEIPT

The samples were received on 6/20/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples PLR058WG061914 (240-38755-1) and PLR059WG061914 (240-38755-2) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 06/26/2014 and 07/02/2014.

Methylene Chloride was detected in method blank MB 240-136351/7 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.

1,2,4-Trichlorobenzene and Carbon disulfide were detected in method blank MB 240-136351/7 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.

Methylene Chloride was detected in method blank MB 240-136964/4 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 analytical batch 136351 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 additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS

Samples PLR058WG061914 (240-38755-1) and PLR059WG061914 (240-38755-2) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015D-DRO. The samples were prepared on 06/23/2014 and analyzed on 06/25/2014.

Sample PLR058WG061914 (240-38755-1)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample PLR058WG061914 (240-38755-1) contained an unidentified mixture of hydrocarbons in the range of C16-C34. No match was identified in the laboratory's reference library.

Sample PLR059WG061914 (240-38755-2) contained an unidentified mixture of hydrocarbons that were in the range of diesel. No match

was identified in the laboratory's reference library.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples PLR058WG061914 (240-38755-1) and PLR059WG061914 (240-38755-2) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 06/26/2014 and analyzed on 06/27/2014.

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. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-38755-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-38755-1	**PLR058WG061914**					
Acetone		23		10	ug/L	8260C
2-Butanone (MEK)		4.6	J	10	ug/L	8260C
Carbon disulfide		0.29	J B	1.0	ug/L	8260C
Chloroethane		1.5		1.0	ug/L	8260C
1,1-Dichloroethane		2.9		1.0	ug/L	8260C
1,1-Dichloroethene		0.60	J	1.0	ug/L	8260C
Methylene Chloride		0.50	J B	1.0	ug/L	8260C
Toluene		0.25	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		0.25	J	1.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		31000		5400	ug/L	8015D
Oil Range Organics (C28-C40)		12000		5400	ug/L	8015D
240-38755-2	**PLR059WG061914**					
Acetone		2.8	J	10	ug/L	8260C
Carbon disulfide		2.1		1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.4		1.0	ug/L	8260C
Methylene Chloride		0.92	J B	1.0	ug/L	8260C
Toluene		0.32	J	1.0	ug/L	8260C
Trichloroethene		4.3		1.0	ug/L	8260C
Xylenes, Total		0.31	J	2.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		2700		500	ug/L	8015D
Oil Range Organics (C28-C40)		690		500	ug/L	8015D

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-38755-1

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
Diesel Range Organics (DRO) (GC)	TAL CAN	SW846 8015D	
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

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: 240-38755-1

Method	Analyst	Analyst ID
SW846 8260C	Quayle, Rick	RJQ
SW846 8015D	Bolgrin, Deborah	DEB
SW846 8082A	Hass, Lori	LSH

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-38755-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-38755-1	PLR058WG061914	Water	06/19/2014 1700	06/20/2014 0930
240-38755-2	PLR059WG061914	Water	06/19/2014 1420	06/20/2014 0930

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR058WG061914**

Lab Sample ID: 240-38755-1 Date Sampled: 06/19/2014 1700
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6520.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2036			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2036				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	23		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	4.6	J	0.57	10
Carbon disulfide	0.29	J B	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chlorodibromomethane	ND		0.18	1.0
Chloroethane	1.5		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
Cyclohexane	ND		0.12	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	2.9		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	0.60	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	0.50	J B	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	0.25	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	0.25	J	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
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR058WG061914**

Lab Sample ID: 240-38755-1 Date Sampled: 06/19/2014 1700
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6520.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2036			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2036				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 120
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	94		74 - 120

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR058WG061914**

Lab Sample ID: 240-38755-1 Date Sampled: 06/19/2014 1700
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6520.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2036			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2036				

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: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6521.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2059			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2059				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	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 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	1.4		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	0.92	J B	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	0.32	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	4.3		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6521.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2059			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2059				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Xylenes, Total	0.31	J	0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		66 - 120
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
Toluene-d8 (Surr)	93		74 - 120

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6521.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2059			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2059				

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: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944660.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1149			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1149				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbon disulfide	2.1		0.13	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 120
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	98		74 - 120

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944660.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1149			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1149				

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
3937-49-3	Cyclohexanemethanol, 4-methyl-, trans-	10.98	4.1	T J N
3937-48-2	Cyclohexanemethanol, 4-methyl-, cis-	11.25	2.8	T J N

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR058WG061914**

Lab Sample ID: 240-38755-1 Date Sampled: 06/19/2014 1700
Client Matrix: Water Date Received: 06/20/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136108	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135720	Lab File ID:	P5F62513.D
Dilution:	10			Initial Weight/Volume:	920 mL
Analysis Date:	06/25/2014 1749			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0815			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	31000		1100	5400
Oil Range Organics (C28-C40)	12000		1100	5400

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		40 - 160

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136108	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135720	Lab File ID:	P5F62512.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	06/25/2014 1719			Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0815			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	2700		100	500
Oil Range Organics (C28-C40)	690		100	500

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		40 - 160

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR058WG061914**

Lab Sample ID: 240-38755-1 Date Sampled: 06/19/2014 1700
Client Matrix: Water Date Received: 06/20/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136514	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-136227	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	06/27/2014 1839			Injection Volume:	1 uL
Prep Date:	06/26/2014 0750			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.18	0.52
Aroclor-1221	ND		0.14	0.52
Aroclor-1232	ND		0.17	0.52
Aroclor-1242	ND		0.23	0.52
Aroclor-1248	ND		0.10	0.52
Aroclor-1254	ND		0.17	0.52
Aroclor-1260	ND		0.18	0.52
Aroclor-1262	ND		0.16	0.52
Aroclor-1268	ND		0.25	0.52
Polychlorinated biphenyls, Total	ND		0.10	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		35 - 137
DCB Decachlorobiphenyl	25		10 - 140

Client: EnSafe, Inc. Job Number: 240-38755-1

Client Sample ID: **PLR059WG061914**

Lab Sample ID: 240-38755-2 Date Sampled: 06/19/2014 1420
Client Matrix: Water Date Received: 06/20/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136514	Instrument ID:	A2HP11
Prep Method:	3520C	Prep Batch:	240-136227	Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	06/27/2014 1854			Injection Volume:	1 uL
Prep Date:	06/26/2014 0750			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
Polychlorinated biphenyls, Total	ND		0.097	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		35 - 137
DCB Decachlorobiphenyl	39		10 - 140

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-38755-1

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.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-38755-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-136351					
LCS 240-136351/4	Lab Control Sample	T	Water	8260C	
MB 240-136351/7	Method Blank	T	Water	8260C	
240-38755-1	PLR058WG061914	T	Water	8260C	
240-38755-2	PLR059WG061914	T	Water	8260C	
Analysis Batch:240-136964					
LCS 240-136964/5	Lab Control Sample	T	Water	8260C	
MB 240-136964/4	Method Blank	T	Water	8260C	
240-38755-2	PLR059WG061914	T	Water	8260C	

Report Basis
T = Total

GC Semi VOA					
Prep Batch: 240-135720					
LCS 240-135720/5-A	Lab Control Sample	T	Water	3520C	
MB 240-135720/4-A	Method Blank	T	Water	3520C	
240-38755-1	PLR058WG061914	T	Water	3520C	
240-38755-2	PLR059WG061914	T	Water	3520C	
Analysis Batch:240-136108					
PB 240-136108/4	Preparation / Extraction Blank	T	Water	8015D	
LCS 240-135720/5-A	Lab Control Sample	T	Water	8015D	240-135720
MB 240-135720/4-A	Method Blank	T	Water	8015D	240-135720
240-38755-1	PLR058WG061914	T	Water	8015D	240-135720
240-38755-2	PLR059WG061914	T	Water	8015D	240-135720
Prep Batch: 240-136227					
LCS 240-136227/4-A	Lab Control Sample	T	Water	3520C	
MB 240-136227/3-A	Method Blank	T	Water	3520C	
240-38755-1	PLR058WG061914	T	Water	3520C	
240-38755-2	PLR059WG061914	T	Water	3520C	
Analysis Batch:240-136514					
LCS 240-136227/4-A	Lab Control Sample	T	Water	8082A	240-136227
MB 240-136227/3-A	Method Blank	T	Water	8082A	240-136227
240-38755-1	PLR058WG061914	T	Water	8082A	240-136227
240-38755-2	PLR059WG061914	T	Water	8082A	240-136227

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-38755-1

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
240-38755-1	PLR058WG061914	92	94	95	94
240-38755-2	PLR059WG061914	95	94	93	93
240-38755-2	PLR059WG061914	92	94	87	98
MB 240-136351/7		98	95	99	96
MB 240-136964/4		90	89	83	99
LCS 240-136351/4		101	104	101	101
LCS 240-136964/5		88	92	85	97

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-120
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-120

Client: EnSafe, Inc.

Job Number: 240-38755-1

Surrogate Recovery Report

8015D Diesel Range Organics (DRO) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec
240-38755-1	PLR058WG061914	80
240-38755-2	PLR059WG061914	89
MB 240-135720/4-A		79
LCS 240-135720/5-A		94

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	40-160

Client: EnSafe, Inc.

Job Number: 240-38755-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	DCB1 %Rec
240-38755-1	PLR058WG061914	71	25
240-38755-2	PLR059WG061914	76	39
MB 240-136227/3-A		77	83
LCS 240-136227/4-A		77	76

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	35-137
DCB = DCB Decachlorobiphenyl	10-140

Client: EnSafe, Inc. Job Number: 240-38755-1

Method Blank - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136351/7	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1754	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1754				
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	0.376	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
Cyclohexane	ND		0.12	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.80		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	0.382	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-38755-1

Method Blank - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136351/7	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1754	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1754				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	98	66 - 120
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	99	63 - 129
Toluene-d8 (Surr)	96	74 - 120

Method Blank TICs- Batch: 240-136351

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
110-54-3	Hexane	3.99	0.483	J
91-20-3	Naphthalene	12.77	0.550	J
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-38755-1

Lab Control Sample - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136351/4	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1647	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1647				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	54.9	110	43 - 136	
Benzene	25.0	27.2	109	80 - 120	
Bromoform	25.0	23.2	93	40 - 131	
Bromomethane	25.0	26.9	108	11 - 185	
2-Butanone (MEK)	50.0	56.1	112	60 - 126	
Carbon disulfide	25.0	28.3	113	62 - 142	
Carbon tetrachloride	25.0	29.5	118	66 - 128	
Chlorobenzene	25.0	27.1	108	80 - 120	
Chlorodibromomethane	25.0	27.3	109	64 - 120	
Chloroethane	25.0	24.1	96	25 - 153	
Chloroform	25.0	28.2	113	79 - 120	
Chloromethane	25.0	25.7	103	44 - 126	
cis-1,2-Dichloroethene	25.0	27.1	108	80 - 120	
cis-1,3-Dichloropropene	25.0	27.9	112	61 - 120	
Cyclohexane	25.0	28.8	115	54 - 121	
1,2-Dibromo-3-Chloropropane	25.0	25.2	101	42 - 136	
1,2-Dichlorobenzene	25.0	26.1	104	80 - 120	
1,3-Dichlorobenzene	25.0	26.4	105	80 - 120	
1,4-Dichlorobenzene	25.0	26.0	104	80 - 120	
Dichlorobromomethane	25.0	27.0	108	72 - 121	
Dichlorodifluoromethane	25.0	26.5	106	19 - 129	
1,1-Dichloroethane	25.0	27.9	112	80 - 120	
1,2-Dichloroethane	25.0	28.1	112	71 - 127	
1,1-Dichloroethene	25.0	27.6	110	78 - 131	
1,2-Dichloropropane	25.0	27.0	108	80 - 120	
Ethylbenzene	25.0	27.0	108	80 - 120	
Ethylene Dibromide	25.0	28.1	112	79 - 120	
2-Hexanone	50.0	51.1	102	55 - 133	
Isopropylbenzene	25.0	28.4	114	75 - 120	
Methyl acetate	125	129	103	58 - 131	
Methylcyclohexane	25.0	29.5	118	56 - 127	
Methylene Chloride	25.0	29.5	118	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	55.6	111	63 - 128	
Methyl tert-butyl ether	25.0	24.7	99	52 - 144	
m-Xylene & p-Xylene	25.0	27.3	109	80 - 120	
o-Xylene	25.0	27.2	109	80 - 120	
Styrene	25.0	27.3	109	79 - 120	
1,1,2,2-Tetrachloroethane	25.0	27.3	109	68 - 120	
Tetrachloroethene	25.0	29.6	118	79 - 120	
Toluene	25.0	26.2	105	80 - 120	
trans-1,2-Dichloroethene	25.0	28.5	114	80 - 120	

Client: EnSafe, Inc. Job Number: 240-38755-1

Lab Control Sample - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136351/4	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1647	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1647				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	25.0	29.0	116	58 - 120	
1,2,4-Trichlorobenzene	25.0	26.1	104	48 - 135	
1,1,1-Trichloroethane	25.0	29.4	118	74 - 120	
1,1,2-Trichloroethane	25.0	26.3	105	80 - 120	
Trichloroethene	25.0	29.8	119	76 - 120	
Trichlorofluoromethane	25.0	27.8	111	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8	115	74 - 151	
Vinyl chloride	25.0	26.3	105	53 - 127	
Xylenes, Total	50.0	54.5	109	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	101	66 - 120
Dibromofluoromethane (Surr)	104	75 - 121
1,2-Dichloroethane-d4 (Surr)	101	63 - 129
Toluene-d8 (Surr)	101	74 - 120

Client: EnSafe, Inc. Job Number: 240-38755-1

Method Blank - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136964/4	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1017	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1017				
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
Cyclohexane	ND		0.12	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.05		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

Client: EnSafe, Inc. Job Number: 240-38755-1

Method Blank - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136964/4	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1017	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1017				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	90	66 - 120
Dibromofluoromethane (Surr)	89	75 - 121
1,2-Dichloroethane-d4 (Surr)	83	63 - 129
Toluene-d8 (Surr)	99	74 - 120

Method Blank TICs- Batch: 240-136964

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
142-82-5	n-Heptane	5.28	0.609	J
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-38755-1

Lab Control Sample - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136964/5	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944654.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 0931	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 0931				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	29.2	73	43 - 136	
Benzene	20.0	21.1	106	80 - 120	
Bromoform	20.0	15.7	79	40 - 131	
Bromomethane	20.0	18.0	90	11 - 185	
2-Butanone (MEK)	40.0	32.3	81	60 - 126	
Carbon disulfide	20.0	22.3	112	62 - 142	
Carbon tetrachloride	20.0	19.6	98	66 - 128	
Chlorobenzene	20.0	19.5	97	80 - 120	
Chlorodibromomethane	20.0	19.3	96	64 - 120	
Chloroethane	20.0	18.1	91	25 - 153	
Chloroform	20.0	21.0	105	79 - 120	
Chloromethane	20.0	19.6	98	44 - 126	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
cis-1,3-Dichloropropene	20.0	21.0	105	61 - 120	
Cyclohexane	20.0	22.2	111	54 - 121	
1,2-Dibromo-3-Chloropropane	20.0	16.9	85	42 - 136	
1,2-Dichlorobenzene	20.0	18.3	91	80 - 120	
1,3-Dichlorobenzene	20.0	19.4	97	80 - 120	
1,4-Dichlorobenzene	20.0	19.0	95	80 - 120	
Dichlorobromomethane	20.0	21.2	106	72 - 121	
Dichlorodifluoromethane	20.0	15.9	80	19 - 129	
1,1-Dichloroethane	20.0	19.7	99	80 - 120	
1,2-Dichloroethane	20.0	19.9	100	71 - 127	
1,1-Dichloroethene	20.0	21.2	106	78 - 131	
1,2-Dichloropropane	20.0	20.8	104	80 - 120	
Ethylbenzene	20.0	19.5	98	80 - 120	
Ethylene Dibromide	20.0	19.1	96	79 - 120	
2-Hexanone	40.0	32.0	80	55 - 133	
Isopropylbenzene	20.0	19.9	100	75 - 120	
Methyl acetate	100	88.7	89	58 - 131	
Methylcyclohexane	20.0	21.3	107	56 - 127	
Methylene Chloride	20.0	20.8	104	66 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	36.0	90	63 - 128	
Methyl tert-butyl ether	20.0	19.1	96	52 - 144	
m-Xylene & p-Xylene	20.0	20.9	105	80 - 120	
o-Xylene	20.0	20.6	103	80 - 120	
Styrene	20.0	21.5	107	79 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	68 - 120	
Tetrachloroethene	20.0	21.7	109	79 - 120	
Toluene	20.0	20.0	100	80 - 120	
trans-1,2-Dichloroethene	20.0	21.7	108	80 - 120	

Client: EnSafe, Inc. Job Number: 240-38755-1

Lab Control Sample - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136964/5	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944654.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 0931	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 0931				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	20.0	22.6	113	58 - 120	
1,2,4-Trichlorobenzene	20.0	19.3	96	48 - 135	
1,1,1-Trichloroethane	20.0	21.4	107	74 - 120	
1,1,2-Trichloroethane	20.0	18.6	93	80 - 120	
Trichloroethene	20.0	21.0	105	76 - 120	
Trichlorofluoromethane	20.0	19.0	95	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.7	113	74 - 151	
Vinyl chloride	20.0	20.4	102	53 - 127	
Xylenes, Total	40.0	41.5	104	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	66 - 120
Dibromofluoromethane (Surr)	92	75 - 121
1,2-Dichloroethane-d4 (Surr)	85	63 - 129
Toluene-d8 (Surr)	97	74 - 120

Client: EnSafe, Inc. Job Number: 240-38755-1

Method Blank - Batch: 240-135720

Method: 8015D
Preparation: 3520C

Lab Sample ID:	MB 240-135720/4-A	Analysis Batch:	240-136108	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	240-135720	Lab File ID:	P5F62508.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/25/2014 1516	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0815			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		110	500
Oil Range Organics (C28-C40)	ND		110	500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	79	40 - 160

Lab Control Sample - Batch: 240-135720

Method: 8015D
Preparation: 3520C

Lab Sample ID:	LCS 240-135720/5-A	Analysis Batch:	240-136108	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	240-135720	Lab File ID:	P5F62509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/25/2014 1547	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/23/2014 0815			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2500	2180	87	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	94	40 - 160

Client: EnSafe, Inc. Job Number: 240-38755-1

Preparation / Extraction Blank - Batch: 240-136108

Method: 8015D
Preparation: N/A

Lab Sample ID:	PB 240-136108/4	Analysis Batch:	240-136108	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5F62504.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	06/25/2014 1313	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		21000	100000
Oil Range Organics (C28-C40)	ND		21000	100000

Surrogate	% Rec	Acceptance Limits
o-Terphenyl		

Client: EnSafe, Inc. Job Number: 240-38755-1

Method Blank - Batch: 240-136227

Method: 8082A
Preparation: 3520C

Lab Sample ID:	MB 240-136227/3-A	Analysis Batch:	240-136514	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-136227	Lab File ID:	P1100013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/27/2014 1908	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/26/2014 0750			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
Polychlorinated biphenyls, Total	ND		0.10	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	77	35 - 137
DCB Decachlorobiphenyl	83	10 - 140

Lab Control Sample - Batch: 240-136227

Method: 8082A
Preparation: 3520C

Lab Sample ID:	LCS 240-136227/4-A	Analysis Batch:	240-136514	Instrument ID:	A2HP11
Client Matrix:	Water	Prep Batch:	240-136227	Lab File ID:	P1100014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/27/2014 1922	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/26/2014 0750			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

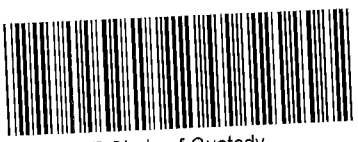
Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.19	84	56 - 130	
Aroclor-1260	5.00	4.44	89	43 - 126	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	77	35 - 137
DCB Decachlorobiphenyl	76	10 - 140

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS


240-38755 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

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

COC No. | Page of

ENSAFE

EnSafe Inc. 800-588-7962

Project Name: MH3 Oil Source Investigation | PO No. | Project No. | Phase | Task

Site Location: UTC - Carrier - Syracuse | Lab Name

Sampler/Site Phone#

Sample Analysis Requested (Fill in the number of containers for each test)

Sampler: M. Crawford 315.283.8871

Send Results To: Shane Goodnight Email: s.goodnight@ensafe.com

Data Shipping Address:

Sample ID (sys_samp_code)	Location ID (sys_loc_code)	Date (mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers	VOC's	PCB's	TPH - DRO	TPH - ORO							<--Preservative Type (3) Remarks
PLR058WG061914	PLR058	6-19-14	1700	WG	N	N	6	X	X	X	X							
PLR059WG061914	PLR059	6-19-14	1420	WG	N	N	8	X	X	X	X							

Turnaround Time(specify): **Final** _____ days **Email** (if applicable) _____ days

Email Results(check): Yes____ No____

Deliverable (check): Level 2___ Level 3___ Level 4___ TX TRRP-13___

***Field* Comments:**

***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	M. D. Crawford	6-19-14	1810	Alexander Perry TA SYR	6-19-14	1610
2	Alexander Perry	6-19-14	1900		6-20-2014	930
3						

(1) Matrix Code: **AA**=Air, **AQ**=Air Quality Control Matrix, **DC**=Drill Cuttings, **GS**=Soil Gas, **LD**=Drilling Fluid, **LF**=Free Product, **LH**=Liquid Waste, **Oil**=Oil, **SB**=Bentonite, **SC**=Cement, **SE**=Sediment, **SF**=Filter Sandpack, **SL**=Sludge, **SN**=Miscellaneous Solid/Building Materials, **SO**=Soil, **SQ**=Soil/Solid Quality Control Matrix, **ST**=Solid Waste, **SW**=Swab/Wipe, **TA**=Animal Tissue, **TP**=Plant Tissue, **TQ**=Tissue Quality Control Matrix, **U**=Unknown, **WA**=Aqueous Drill Cuttings, **WE**=Estuary, **WG**=Ground Water, **WL**=Leachate, **WO**=Ocean Water, **WP**=Drinking Water, **WQ**=Water Quality Control Matrix, **WS**=Surface 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. 06/05

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 38755**
Canton Facility

Client Ensafe Site Name _____ Cooler unpacked by:

Cooler Received on 6-20-14 Opened on 6-20-14

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 +2 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF -2 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +0 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +0 °C)	Observed Cooler Temp. 3.4 °C	Corrected Cooler Temp. 3.4 °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# HC302587
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: 240-38788-1

Job Description: MH3 Oil Source 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
7/7/2014 10:53 AM

Amy L McCormick, Project Manager II
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
07/07/2014

cc: Shane Goodnight
Final Data Tracking

CASE NARRATIVE

Client: EnSafe, Inc.

Project: MH3 Oil Source Investigation

Report Number: 240-38788-1

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.

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

RECEIPT

The samples were received on 6/21/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.4º C, 1.4º C, 1.6º C and 1.8º C.

Sample ID changed from MW62WG062014 to MW53WG062014 as instructed by Shane Goodnight on June 26, 2014.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples PLR061WG062014 (240-38788-1), PLR060WG062014 (240-38788-2), PLR057WG062014 (240-38788-3), PLR056WG062014 (240-38788-4), MW51WG062014 (240-38788-5), MW52WG062014 (240-38788-6), MW53WG062014 (240-38788-7) and PLR063WG062014 (240-38788-8) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 06/26/2014 and 07/02/2014.

Samples PLR061WG062014 (240-38788-1)[1250X], PLR056WG062014 (240-38788-4)[4X], MW51WG062014 (240-38788-5)[1.25X], MW52WG062014 (240-38788-6)[33.33X], MW53WG062014 (240-38788-7)[416.67X] and PLR063WG062014 (240-38788-8)[14.29X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Methylene Chloride was detected in method blank MB 240-136351/7 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.

1,2,4-Trichlorobenzene and Carbon disulfide were detected in method blank MB 240-136351/7 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.

Methylene Chloride was detected in method blank MB 240-136964/4 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 analytical batch 136351 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 additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS

Samples PLR061WG062014 (240-38788-1), PLR060WG062014 (240-38788-2), PLR057WG062014 (240-38788-3), MW51WG062014

(240-38788-5), MW52WG062014 (240-38788-6), MW53WG062014 (240-38788-7) and PLR063WG062014 (240-38788-8) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015D-DRO. The samples were prepared on 06/24/2014 and analyzed on 06/26/2014 and 06/27/2014.

Sample PLR063WG062014 (240-38788-8)[200X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples PLR061WG062014 (240-38788-1) and PLR063WG062014 (240-38788-8) contained an unidentified mixture of hydrocarbons in the range of C16-C34. No match was identified in the laboratory's reference library.

Samples PLR060WG062014 (240-38788-2), PLR057WG062014 (240-38788-3), and MW51WG062014 (240-38788-5) were reported as ND or J values so no identifiable petroleum product was present.

Samples MW52WG062014 (240-38788-6) and MW53WG062014 (240-38788-7) contained an unidentified mixture of hydrocarbons that eluted in the approximate range of C16-C28. No match was identified in the laboratory's reference library.

o-Terphenyl failed the surrogate recovery criteria high for PLR063WG062014 (240-38788-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples PLR061WG062014 (240-38788-1), PLR060WG062014 (240-38788-2), PLR057WG062014 (240-38788-3), MW51WG062014 (240-38788-5), MW52WG062014 (240-38788-6), MW53WG062014 (240-38788-7) and PLR063WG062014 (240-38788-8) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 06/24/2014 and analyzed on 06/25/2014 and 06/26/2014.

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. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

Sample PLR063WG062014 (240-38788-8)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample MW52WG062014 (240-38788-6) required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

Sample PLR063WG062014 (240-38788-8) appears to contain polychlorinated biphenyls (PCBs). The sample has been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result. The best overall pattern match was used for identification and quantitation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-38788-1	**PLR061WG062014**					
cis-1,2-Dichloroethene		17000		1300	ug/L	8260C
Methylene Chloride		490	J B	1300	ug/L	8260C
Trichloroethene		64000		1300	ug/L	8260C
Diesel Range Organics [C10 - C28]		570		480	ug/L	8015D
Oil Range Organics (C28-C40)		210	J	480	ug/L	8015D
240-38788-2	**PLR060WG062014**					
Acetone		3.2	J	10	ug/L	8260C
Benzene		0.22	J	1.0	ug/L	8260C
Carbon disulfide		0.56	J B	1.0	ug/L	8260C
Chloroform		1.1		1.0	ug/L	8260C
cis-1,2-Dichloroethene		0.59	J	1.0	ug/L	8260C
Methylene Chloride		1.6	B	1.0	ug/L	8260C
Toluene		0.35	J	1.0	ug/L	8260C
Trichloroethene		16		1.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		280	J	480	ug/L	8015D
Oil Range Organics (C28-C40)		240	J	480	ug/L	8015D
240-38788-3	**PLR057WG062014**					
Acetone		1.7	J	10	ug/L	8260C
Carbon disulfide		0.39	J B	1.0	ug/L	8260C
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260C
1,1-Dichloroethane		0.19	J	1.0	ug/L	8260C
Methylene Chloride		1.4	B	1.0	ug/L	8260C
Styrene		0.11	J	1.0	ug/L	8260C
Toluene		0.13	J	1.0	ug/L	8260C
Trichloroethene		0.59	J	1.0	ug/L	8260C
Diesel Range Organics [C10 - C28]		450	J	480	ug/L	8015D
Oil Range Organics (C28-C40)		190	J	480	ug/L	8015D
240-38788-4	**PLR056WG062014**					
cis-1,2-Dichloroethene		150		4.0	ug/L	8260C
1,1-Dichloroethane		1.1	J	4.0	ug/L	8260C
1,1-Dichloroethene		1.2	J	4.0	ug/L	8260C
Methylene Chloride		7.5	B	4.0	ug/L	8260C
Toluene		0.52	J	4.0	ug/L	8260C
trans-1,2-Dichloroethene		7.0		4.0	ug/L	8260C
Trichloroethene		310		4.0	ug/L	8260C
Vinyl chloride		4.9		4.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-38788-5	**MW51WG062014**					
Carbon disulfide		0.27	J B	1.3	ug/L	8260C
Chloroethane		0.56	J	1.3	ug/L	8260C
Chloroform		0.79	J	1.3	ug/L	8260C
cis-1,2-Dichloroethene		50		1.3	ug/L	8260C
1,1-Dichloroethane		8.9		1.3	ug/L	8260C
1,1-Dichloroethene		2.4		1.3	ug/L	8260C
Methylene Chloride		2.9	B	1.3	ug/L	8260C
trans-1,2-Dichloroethene		1.2	J	1.3	ug/L	8260C
1,1,1-Trichloroethane		5.9		1.3	ug/L	8260C
Trichloroethene		77		1.3	ug/L	8260C
240-38788-6	**MW52WG062014**					
Carbon disulfide		8.4	J B	33	ug/L	8260C
cis-1,2-Dichloroethene		1300		33	ug/L	8260C
Methylene Chloride		71	B	33	ug/L	8260C
Diesel Range Organics [C10 - C28]		3100		480	ug/L	8015D
Oil Range Organics (C28-C40)		730		480	ug/L	8015D
240-38788-7	**MW53WG062014**					
cis-1,2-Dichloroethene		7100		420	ug/L	8260C
Vinyl chloride		740		420	ug/L	8260C
Diesel Range Organics [C10 - C28]		1100		480	ug/L	8015D
Oil Range Organics (C28-C40)		520		480	ug/L	8015D
240-38788-8	**PLR063WG062014**					
Acetone		23	J	140	ug/L	8260C
cis-1,2-Dichloroethene		310		14	ug/L	8260C
Methylene Chloride		5.2	J B	14	ug/L	8260C
Vinyl chloride		44		14	ug/L	8260C
Diesel Range Organics [C10 - C28]		630000		100000	ug/L	8015D
Oil Range Organics (C28-C40)		100000		100000	ug/L	8015D
Aroclor-1254		5.0		1.0	ug/L	8082A
Polychlorinated biphenyls, Total		5.0		1.0	ug/L	8082A

METHOD SUMMARY

Client: EnSafe, Inc. Job Number: 240-38788-1

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
Diesel Range Organics (DRO) (GC)	TAL CAN	SW846 8015D	
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

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: 240-38788-1

Method	Analyst	Analyst ID
SW846 8260C	Quayle, Rick	RJQ
SW846 8015D	Bolgrin, Deborah	DEB
SW846 8082A	Bosworth, Heather M	HMB

SAMPLE SUMMARY

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-38788-1	PLR061WG062014	Water	06/20/2014 0730	06/21/2014 0930
240-38788-2	PLR060WG062014	Water	06/20/2014 1000	06/21/2014 0930
240-38788-3	PLR057WG062014	Water	06/20/2014 1100	06/21/2014 0930
240-38788-4	PLR056WG062014	Water	06/20/2014 1200	06/21/2014 0930
240-38788-5	MW51WG062014	Water	06/20/2014 1300	06/21/2014 0930
240-38788-6	MW52WG062014	Water	06/20/2014 1410	06/21/2014 0930
240-38788-7	MW53WG062014	Water	06/20/2014 1535	06/21/2014 0930
240-38788-8	PLR063WG062014	Water	06/20/2014 1630	06/21/2014 0930

SAMPLE RESULTS

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR061WG062014**

Lab Sample ID: 240-38788-1 Date Sampled: 06/20/2014 0730
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944658.D
Dilution:	1250			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1103			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1103				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1400	13000
Benzene	ND		160	1300
Bromoform	ND		800	1300
Bromomethane	ND		510	1300
2-Butanone (MEK)	ND		710	13000
Carbon disulfide	ND		160	1300
Carbon tetrachloride	ND		160	1300
Chlorobenzene	ND		190	1300
Chlorodibromomethane	ND		230	1300
Chloroethane	ND		360	1300
Chloroform	ND		200	1300
Chloromethane	ND		380	1300
cis-1,2-Dichloroethene	17000		210	1300
cis-1,3-Dichloropropene	ND		180	1300
Cyclohexane	ND		150	1300
1,2-Dibromo-3-Chloropropane	ND		840	2500
1,2-Dichlorobenzene	ND		160	1300
1,3-Dichlorobenzene	ND		180	1300
1,4-Dichlorobenzene	ND		160	1300
Dichlorobromomethane	ND		190	1300
Dichlorodifluoromethane	ND		390	1300
1,1-Dichloroethane	ND		190	1300
1,2-Dichloroethane	ND		280	1300
1,1-Dichloroethene	ND		240	1300
1,2-Dichloropropane	ND		230	1300
Ethylbenzene	ND		210	1300
Ethylene Dibromide	ND		300	1300
2-Hexanone	ND		510	13000
Isopropylbenzene	ND		160	1300
Methyl acetate	ND		480	13000
Methylcyclohexane	ND		160	1300
Methylene Chloride	490	J B	410	1300
4-Methyl-2-pentanone (MIBK)	ND		400	13000
Methyl tert-butyl ether	ND		210	1300
Styrene	ND		140	1300
1,1,2,2-Tetrachloroethane	ND		230	1300
Tetrachloroethene	ND		360	1300
Toluene	ND		160	1300
trans-1,2-Dichloroethene	ND		240	1300
trans-1,3-Dichloropropene	ND		240	1300
1,2,4-Trichlorobenzene	ND		190	1300
1,1,1-Trichloroethane	ND		280	1300
1,1,2-Trichloroethane	ND		340	1300
Trichloroethene	64000		210	1300
Trichlorofluoromethane	ND		260	1300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		350	1300

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR061WG062014**

Lab Sample ID: 240-38788-1 Date Sampled: 06/20/2014 0730
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944658.D
Dilution:	1250			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1103			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1103				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		280	1300
Xylenes, Total	ND		180	2500

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 120
Dibromofluoromethane (Surr)	88		75 - 121
1,2-Dichloroethane-d4 (Surr)	84		63 - 129
Toluene-d8 (Surr)	98		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR061WG062014**

Lab Sample ID: 240-38788-1 Date Sampled: 06/20/2014 0730
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944658.D
Dilution:	1250			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1103			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1103				

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: 240-38788-1

Client Sample ID: **PLR060WG062014**

Lab Sample ID: 240-38788-2 Date Sampled: 06/20/2014 1000
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6523.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2143			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2143				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.1	10
Benzene	0.22	J	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	0.56	J B	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	1.1		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.59	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.6	B	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	0.35	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	16		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR060WG062014**

Lab Sample ID: 240-38788-2 Date Sampled: 06/20/2014 1000
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6523.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2143			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2143				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	98		66 - 120
Dibromofluoromethane (Surr)	96		75 - 121
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
Toluene-d8 (Surr)	98		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR060WG062014**

Lab Sample ID: 240-38788-2 Date Sampled: 06/20/2014 1000
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6523.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2143			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2143				

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: 240-38788-1

Client Sample ID: **PLR057WG062014**

Lab Sample ID: 240-38788-3 Date Sampled: 06/20/2014 1100
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6525.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2228			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.7	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	0.39	J B	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	0.26	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	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	0.19	J	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.4	B	0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	1.0
Styrene	0.11	J	0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.13	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	0.59	J	0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR057WG062014**

Lab Sample ID: 240-38788-3 Date Sampled: 06/20/2014 1100
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6525.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2228			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 120
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	92		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR057WG062014**

Lab Sample ID: 240-38788-3 Date Sampled: 06/20/2014 1100
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6525.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2228			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2228				

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: 240-38788-1

Client Sample ID: **PLR056WG062014**

Lab Sample ID: 240-38788-4 Date Sampled: 06/20/2014 1200
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6526.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2250			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2250				

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	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	ND		0.64	4.0
Chloromethane	ND		1.2	4.0
cis-1,2-Dichloroethene	150		0.68	4.0
cis-1,3-Dichloropropene	ND		0.56	4.0
Cyclohexane	ND		0.48	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	1.1	J	0.60	4.0
1,2-Dichloroethane	ND		0.88	4.0
1,1-Dichloroethene	1.2	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
Methyl acetate	ND		1.5	40
Methylcyclohexane	ND		0.52	4.0
Methylene Chloride	7.5	B	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	0.52	J	0.52	4.0
trans-1,2-Dichloroethene	7.0		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	310		0.68	4.0
Trichlorofluoromethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	4.0

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR056WG062014**

Lab Sample ID: 240-38788-4 Date Sampled: 06/20/2014 1200
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6526.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2250			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	4.9		0.88	4.0
Xylenes, Total	ND		0.56	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	98		66 - 120
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
Toluene-d8 (Surr)	97		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR056WG062014**

Lab Sample ID: 240-38788-4 Date Sampled: 06/20/2014 1200
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6526.D
Dilution:	4.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2250			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2250				

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: 240-38788-1

Client Sample ID: **MW51WG062014**

Lab Sample ID: 240-38788-5 Date Sampled: 06/20/2014 1300
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6527.D
Dilution:	1.25			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2312			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2312				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.4	13
Benzene	ND		0.16	1.3
Bromoform	ND		0.80	1.3
Bromomethane	ND		0.51	1.3
2-Butanone (MEK)	ND		0.71	13
Carbon disulfide	0.27	J B	0.16	1.3
Carbon tetrachloride	ND		0.16	1.3
Chlorobenzene	ND		0.19	1.3
Chlorodibromomethane	ND		0.23	1.3
Chloroethane	0.56	J	0.36	1.3
Chloroform	0.79	J	0.20	1.3
Chloromethane	ND		0.38	1.3
cis-1,2-Dichloroethene	50		0.21	1.3
cis-1,3-Dichloropropene	ND		0.18	1.3
Cyclohexane	ND		0.15	1.3
1,2-Dibromo-3-Chloropropane	ND		0.84	2.5
1,2-Dichlorobenzene	ND		0.16	1.3
1,3-Dichlorobenzene	ND		0.18	1.3
1,4-Dichlorobenzene	ND		0.16	1.3
Dichlorobromomethane	ND		0.19	1.3
Dichlorodifluoromethane	ND		0.39	1.3
1,1-Dichloroethane	8.9		0.19	1.3
1,2-Dichloroethane	ND		0.28	1.3
1,1-Dichloroethene	2.4		0.24	1.3
1,2-Dichloropropane	ND		0.23	1.3
Ethylbenzene	ND		0.21	1.3
Ethylene Dibromide	ND		0.30	1.3
2-Hexanone	ND		0.51	13
Isopropylbenzene	ND		0.16	1.3
Methyl acetate	ND		0.48	13
Methylcyclohexane	ND		0.16	1.3
Methylene Chloride	2.9	B	0.41	1.3
4-Methyl-2-pentanone (MIBK)	ND		0.40	13
Methyl tert-butyl ether	ND		0.21	1.3
Styrene	ND		0.14	1.3
1,1,2,2-Tetrachloroethane	ND		0.23	1.3
Tetrachloroethene	ND		0.36	1.3
Toluene	ND		0.16	1.3
trans-1,2-Dichloroethene	1.2	J	0.24	1.3
trans-1,3-Dichloropropene	ND		0.24	1.3
1,2,4-Trichlorobenzene	ND		0.19	1.3
1,1,1-Trichloroethane	5.9		0.28	1.3
1,1,2-Trichloroethane	ND		0.34	1.3
Trichloroethene	77		0.21	1.3
Trichlorofluoromethane	ND		0.26	1.3
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.35	1.3

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW51WG062014**

Lab Sample ID: 240-38788-5 Date Sampled: 06/20/2014 1300
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6527.D
Dilution:	1.25			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2312			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2312				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.28	1.3
Xylenes, Total	ND		0.18	2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		66 - 120
Dibromofluoromethane (Surr)	101		75 - 121
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
Toluene-d8 (Surr)	98		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW51WG062014**

Lab Sample ID: 240-38788-5 Date Sampled: 06/20/2014 1300
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6527.D
Dilution:	1.25			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2312			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2312				

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: 240-38788-1

Client Sample ID: **MW52WG062014**

Lab Sample ID: 240-38788-6 Date Sampled: 06/20/2014 1410
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6528.D
Dilution:	33.33			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2334			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2334				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		37	330
Benzene	ND		4.3	33
Bromoform	ND		21	33
Bromomethane	ND		14	33
2-Butanone (MEK)	ND		19	330
Carbon disulfide	8.4	J B	4.3	33
Carbon tetrachloride	ND		4.3	33
Chlorobenzene	ND		5.0	33
Chlorodibromomethane	ND		6.0	33
Chloroethane	ND		9.7	33
Chloroform	ND		5.3	33
Chloromethane	ND		10	33
cis-1,2-Dichloroethene	1300		5.7	33
cis-1,3-Dichloropropene	ND		4.7	33
Cyclohexane	ND		4.0	33
1,2-Dibromo-3-Chloropropane	ND		22	67
1,2-Dichlorobenzene	ND		4.3	33
1,3-Dichlorobenzene	ND		4.7	33
1,4-Dichlorobenzene	ND		4.3	33
Dichlorobromomethane	ND		5.0	33
Dichlorodifluoromethane	ND		10	33
1,1-Dichloroethane	ND		5.0	33
1,2-Dichloroethane	ND		7.3	33
1,1-Dichloroethene	ND		6.3	33
1,2-Dichloropropane	ND		6.0	33
Ethylbenzene	ND		5.7	33
Ethylene Dibromide	ND		8.0	33
2-Hexanone	ND		14	330
Isopropylbenzene	ND		4.3	33
Methyl acetate	ND		13	330
Methylcyclohexane	ND		4.3	33
Methylene Chloride	71	B	11	33
4-Methyl-2-pentanone (MIBK)	ND		11	330
Methyl tert-butyl ether	ND		5.7	33
Styrene	ND		3.7	33
1,1,2,2-Tetrachloroethane	ND		6.0	33
Tetrachloroethene	ND		9.7	33
Toluene	ND		4.3	33
trans-1,2-Dichloroethene	ND		6.3	33
trans-1,3-Dichloropropene	ND		6.3	33
1,2,4-Trichlorobenzene	ND		5.0	33
1,1,1-Trichloroethane	ND		7.3	33
1,1,2-Trichloroethane	ND		9.0	33
Trichloroethene	ND		5.7	33
Trichlorofluoromethane	ND		7.0	33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.3	33

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW52WG062014**

Lab Sample ID: 240-38788-6 Date Sampled: 06/20/2014 1410
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6528.D
Dilution:	33.33			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2334			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2334				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		7.3	33
Xylenes, Total	ND		4.7	67

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	99		66 - 120
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
Toluene-d8 (Surr)	100		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW52WG062014**

Lab Sample ID: 240-38788-6 Date Sampled: 06/20/2014 1410
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM6528.D
Dilution:	33.33			Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 2334			Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 2334				

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: 240-38788-1

Client Sample ID: **MW53WG062014**

Lab Sample ID: 240-38788-7 Date Sampled: 06/20/2014 1535
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944665.D
Dilution:	416.67			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1344			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		460	4200
Benzene	ND		54	420
Bromoform	ND		270	420
Bromomethane	ND		170	420
2-Butanone (MEK)	ND		240	4200
Carbon disulfide	ND		54	420
Carbon tetrachloride	ND		54	420
Chlorobenzene	ND		63	420
Chlorodibromomethane	ND		75	420
Chloroethane	ND		120	420
Chloroform	ND		67	420
Chloromethane	ND		130	420
cis-1,2-Dichloroethene	7100		71	420
cis-1,3-Dichloropropene	ND		58	420
Cyclohexane	ND		50	420
1,2-Dibromo-3-Chloropropane	ND		280	830
1,2-Dichlorobenzene	ND		54	420
1,3-Dichlorobenzene	ND		58	420
1,4-Dichlorobenzene	ND		54	420
Dichlorobromomethane	ND		63	420
Dichlorodifluoromethane	ND		130	420
1,1-Dichloroethane	ND		63	420
1,2-Dichloroethane	ND		92	420
1,1-Dichloroethene	ND		79	420
1,2-Dichloropropane	ND		75	420
Ethylbenzene	ND		71	420
Ethylene Dibromide	ND		100	420
2-Hexanone	ND		170	4200
Isopropylbenzene	ND		54	420
Methyl acetate	ND		160	4200
Methylcyclohexane	ND		54	420
Methylene Chloride	ND		140	420
4-Methyl-2-pentanone (MIBK)	ND		130	4200
Methyl tert-butyl ether	ND		71	420
Styrene	ND		46	420
1,1,2,2-Tetrachloroethane	ND		75	420
Tetrachloroethene	ND		120	420
Toluene	ND		54	420
trans-1,2-Dichloroethene	ND		79	420
trans-1,3-Dichloropropene	ND		79	420
1,2,4-Trichlorobenzene	ND		63	420
1,1,1-Trichloroethane	ND		92	420
1,1,2-Trichloroethane	ND		110	420
Trichloroethene	ND		71	420
Trichlorofluoromethane	ND		88	420
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		120	420

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW53WG062014**

Lab Sample ID: 240-38788-7 Date Sampled: 06/20/2014 1535
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944665.D
Dilution:	416.67			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1344			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	740		92	420
Xylenes, Total	ND		58	830

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 120
Dibromofluoromethane (Surr)	93		75 - 121
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
Toluene-d8 (Surr)	97		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW53WG062014**

Lab Sample ID: 240-38788-7 Date Sampled: 06/20/2014 1535
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944665.D
Dilution:	416.67			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1344			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1344				

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: 240-38788-1

Client Sample ID: **PLR063WG062014**

Lab Sample ID: 240-38788-8 Date Sampled: 06/20/2014 1630
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944666.D
Dilution:	14.29			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1407			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	23	J	16	140
Benzene	ND		1.9	14
Bromoform	ND		9.1	14
Bromomethane	ND		5.9	14
2-Butanone (MEK)	ND		8.1	140
Carbon disulfide	ND		1.9	14
Carbon tetrachloride	ND		1.9	14
Chlorobenzene	ND		2.1	14
Chlorodibromomethane	ND		2.6	14
Chloroethane	ND		4.1	14
Chloroform	ND		2.3	14
Chloromethane	ND		4.3	14
cis-1,2-Dichloroethene	310		2.4	14
cis-1,3-Dichloropropene	ND		2.0	14
Cyclohexane	ND		1.7	14
1,2-Dibromo-3-Chloropropane	ND		9.6	29
1,2-Dichlorobenzene	ND		1.9	14
1,3-Dichlorobenzene	ND		2.0	14
1,4-Dichlorobenzene	ND		1.9	14
Dichlorobromomethane	ND		2.1	14
Dichlorodifluoromethane	ND		4.4	14
1,1-Dichloroethane	ND		2.1	14
1,2-Dichloroethane	ND		3.1	14
1,1-Dichloroethene	ND		2.7	14
1,2-Dichloropropane	ND		2.6	14
Ethylbenzene	ND		2.4	14
Ethylene Dibromide	ND		3.4	14
2-Hexanone	ND		5.9	140
Isopropylbenzene	ND		1.9	14
Methyl acetate	ND		5.4	140
Methylcyclohexane	ND		1.9	14
Methylene Chloride	5.2	J B	4.7	14
4-Methyl-2-pentanone (MIBK)	ND		4.6	140
Methyl tert-butyl ether	ND		2.4	14
Styrene	ND		1.6	14
1,1,2,2-Tetrachloroethane	ND		2.6	14
Tetrachloroethene	ND		4.1	14
Toluene	ND		1.9	14
trans-1,2-Dichloroethene	ND		2.7	14
trans-1,3-Dichloropropene	ND		2.7	14
1,2,4-Trichlorobenzene	ND		2.1	14
1,1,1-Trichloroethane	ND		3.1	14
1,1,2-Trichloroethane	ND		3.9	14
Trichloroethene	ND		2.4	14
Trichlorofluoromethane	ND		3.0	14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	14

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR063WG062014**

Lab Sample ID: 240-38788-8 Date Sampled: 06/20/2014 1630
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944666.D
Dilution:	14.29			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1407			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	44		3.1	14
Xylenes, Total	ND		2.0	29

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		66 - 120
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	95		74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR063WG062014**

Lab Sample ID: 240-38788-8 Date Sampled: 06/20/2014 1630
Client Matrix: Water Date Received: 06/21/2014 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UX944666.D
Dilution:	14.29			Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1407			Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 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: 240-38788-1

Client Sample ID: **PLR061WG062014**

Lab Sample ID: 240-38788-1 Date Sampled: 06/20/2014 0730
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136492	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62709.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/27/2014 1846			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	570		100	480
Oil Range Organics (C28-C40)	210	J	100	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR060WG062014**

Lab Sample ID: 240-38788-2 Date Sampled: 06/20/2014 1000
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62615.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/26/2014 2349			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	280	J	100	480
Oil Range Organics (C28-C40)	240	J	100	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR057WG062014**

Lab Sample ID: 240-38788-3 Date Sampled: 06/20/2014 1100
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62616.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/27/2014 0019			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	450	J	100	480
Oil Range Organics (C28-C40)	190	J	100	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW51WG062014**

Lab Sample ID: 240-38788-5 Date Sampled: 06/20/2014 1300
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62610.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/26/2014 2117			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	ND		100	480
Oil Range Organics (C28-C40)	ND		100	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW52WG062014**

Lab Sample ID: 240-38788-6 Date Sampled: 06/20/2014 1410
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62611.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/26/2014 2147			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	3100		100	480
Oil Range Organics (C28-C40)	730		100	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	91		40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW53WG062014**

Lab Sample ID: 240-38788-7 Date Sampled: 06/20/2014 1535
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62612.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/26/2014 2217			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	1100		100	480
Oil Range Organics (C28-C40)	520		100	480

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	88		40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR063WG062014**

Lab Sample ID: 240-38788-8 Date Sampled: 06/20/2014 1630
Client Matrix: Water Date Received: 06/21/2014 0930

8015D Diesel Range Organics (DRO) (GC)

Analysis Method:	8015D	Analysis Batch:	240-136492	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-135865	Lab File ID:	P5F62708.D
Dilution:	200			Initial Weight/Volume:	1000 mL
Analysis Date:	06/27/2014 1816			Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10 - C28]	630000		21000	100000
Oil Range Organics (C28-C40)	100000		21000	100000

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	588	X	40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR061WG062014**

Lab Sample ID: 240-38788-1 Date Sampled: 06/20/2014 0730
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	900 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1502			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			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		0.071	0.22
Aroclor-1242	ND		0.098	0.22
Aroclor-1248	ND		0.044	0.22
Aroclor-1254	ND		0.071	0.22
Aroclor-1260	ND		0.076	0.22
Aroclor-1262	ND		0.067	0.22
Aroclor-1268	ND		0.11	0.22
Polychlorinated biphenyls, Total	ND		0.044	0.22

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	54		23 - 136
DCB Decachlorobiphenyl	28		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR061WG062014**

Lab Sample ID: 240-38788-1 Date Sampled: 06/20/2014 0730
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	900 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1502			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		23 - 136
DCB Decachlorobiphenyl	27		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR060WG062014**

Lab Sample ID: 240-38788-2 Date Sampled: 06/20/2014 1000
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1517			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.065	0.19
Aroclor-1221	ND		0.050	0.19
Aroclor-1232	ND		0.061	0.19
Aroclor-1242	ND		0.084	0.19
Aroclor-1248	ND		0.038	0.19
Aroclor-1254	ND		0.061	0.19
Aroclor-1260	ND		0.065	0.19
Aroclor-1262	ND		0.057	0.19
Aroclor-1268	ND		0.091	0.19
Polychlorinated biphenyls, Total	ND		0.038	0.19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		23 - 136
DCB Decachlorobiphenyl	13		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR060WG062014**

Lab Sample ID: 240-38788-2 Date Sampled: 06/20/2014 1000
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1517			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	60		23 - 136
DCB Decachlorobiphenyl	15		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR057WG062014**

Lab Sample ID: 240-38788-3 Date Sampled: 06/20/2014 1100
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1532			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.065	0.19
Aroclor-1221	ND		0.050	0.19
Aroclor-1232	ND		0.061	0.19
Aroclor-1242	ND		0.084	0.19
Aroclor-1248	ND		0.038	0.19
Aroclor-1254	ND		0.061	0.19
Aroclor-1260	ND		0.065	0.19
Aroclor-1262	ND		0.057	0.19
Aroclor-1268	ND		0.091	0.19
Polychlorinated biphenyls, Total	ND		0.038	0.19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	54		23 - 136
DCB Decachlorobiphenyl	21		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR057WG062014**

Lab Sample ID: 240-38788-3 Date Sampled: 06/20/2014 1100
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1532			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	55		23 - 136
DCB Decachlorobiphenyl	25		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW51WG062014**

Lab Sample ID: 240-38788-5 Date Sampled: 06/20/2014 1300
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1401			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.065	0.19
Aroclor-1221	ND		0.050	0.19
Aroclor-1232	ND		0.061	0.19
Aroclor-1242	ND		0.084	0.19
Aroclor-1248	ND		0.038	0.19
Aroclor-1254	ND		0.061	0.19
Aroclor-1260	ND		0.065	0.19
Aroclor-1262	ND		0.057	0.19
Aroclor-1268	ND		0.091	0.19
Polychlorinated biphenyls, Total	ND		0.038	0.19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		23 - 136
DCB Decachlorobiphenyl	57		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW51WG062014**

Lab Sample ID: 240-38788-5 Date Sampled: 06/20/2014 1300
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1401			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		23 - 136
DCB Decachlorobiphenyl	62		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW52WG062014**

Lab Sample ID: 240-38788-6 Date Sampled: 06/20/2014 1410
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136343	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/26/2014 1430			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.065	0.19
Aroclor-1221	ND		0.050	0.19
Aroclor-1232	ND		0.061	0.19
Aroclor-1242	ND		0.084	0.19
Aroclor-1248	ND		0.038	0.19
Aroclor-1254	ND		0.061	0.19
Aroclor-1260	ND		0.065	0.19
Aroclor-1262	ND		0.057	0.19
Aroclor-1268	ND		0.091	0.19
Polychlorinated biphenyls, Total	ND		0.038	0.19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		23 - 136
DCB Decachlorobiphenyl	22		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW52WG062014**

Lab Sample ID: 240-38788-6 Date Sampled: 06/20/2014 1410
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136343	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/26/2014 1430			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		23 - 136
DCB Decachlorobiphenyl	24		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW53WG062014**

Lab Sample ID: 240-38788-7 Date Sampled: 06/20/2014 1535
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1431			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.065	0.19
Aroclor-1221	ND		0.050	0.19
Aroclor-1232	ND		0.061	0.19
Aroclor-1242	ND		0.084	0.19
Aroclor-1248	ND		0.038	0.19
Aroclor-1254	ND		0.061	0.19
Aroclor-1260	ND		0.065	0.19
Aroclor-1262	ND		0.057	0.19
Aroclor-1268	ND		0.091	0.19
Polychlorinated biphenyls, Total	ND		0.038	0.19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62		23 - 136
DCB Decachlorobiphenyl	41		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **MW53WG062014**

Lab Sample ID: 240-38788-7 Date Sampled: 06/20/2014 1535
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1431			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62		23 - 136
DCB Decachlorobiphenyl	43		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR063WG062014**

Lab Sample ID: 240-38788-8 Date Sampled: 06/20/2014 1630
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	960 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1446			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor-1016	ND		0.35	1.0
Aroclor-1221	ND		0.27	1.0
Aroclor-1232	ND		0.33	1.0
Aroclor-1242	ND		0.46	1.0
Aroclor-1248	ND		0.21	1.0
Aroclor-1254	5.0		0.33	1.0
Aroclor-1260	ND		0.35	1.0
Aroclor-1262	ND		0.31	1.0
Aroclor-1268	ND		0.50	1.0
Polychlorinated biphenyls, Total	5.0		0.21	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	37		23 - 136
DCB Decachlorobiphenyl	11		10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Client Sample ID: **PLR063WG062014**

Lab Sample ID: 240-38788-8 Date Sampled: 06/20/2014 1630
Client Matrix: Water Date Received: 06/21/2014 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Prep Method:	3520C	Prep Batch:	240-135869	Initial Weight/Volume:	960 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	06/25/2014 1446			Injection Volume:	1 uL
Prep Date:	06/24/2014 0734			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	40		23 - 136
DCB Decachlorobiphenyl	4	p X	10 - 130

DATA REPORTING QUALIFIERS

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Section	Qualifier	Description
GC/MS 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
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

QUALITY CONTROL RESULTS

Client: EnSafe, Inc. Job Number: 240-38788-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-136351					
LCS 240-136351/4	Lab Control Sample	T	Water	8260C	
MB 240-136351/7	Method Blank	T	Water	8260C	
240-38788-2	PLR060WG062014	T	Water	8260C	
240-38788-3	PLR057WG062014	T	Water	8260C	
240-38788-4	PLR056WG062014	T	Water	8260C	
240-38788-5	MW51WG062014	T	Water	8260C	
240-38788-6	MW52WG062014	T	Water	8260C	
Analysis Batch:240-136964					
LCS 240-136964/5	Lab Control Sample	T	Water	8260C	
MB 240-136964/4	Method Blank	T	Water	8260C	
240-38788-1	PLR061WG062014	T	Water	8260C	
240-38788-7	MW53WG062014	T	Water	8260C	
240-38788-8	PLR063WG062014	T	Water	8260C	

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-38788-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-135865					
LCS 240-135865/9-A	Lab Control Sample	T	Water	3520C	
MB 240-135865/8-A	Method Blank	T	Water	3520C	
240-38788-1	PLR061WG062014	T	Water	3520C	
240-38788-2	PLR060WG062014	T	Water	3520C	
240-38788-3	PLR057WG062014	T	Water	3520C	
240-38788-5	MW51WG062014	T	Water	3520C	
240-38788-6	MW52WG062014	T	Water	3520C	
240-38788-7	MW53WG062014	T	Water	3520C	
240-38788-8	PLR063WG062014	T	Water	3520C	
Prep Batch: 240-135869					
LCS 240-135869/9-A	Lab Control Sample	T	Water	3520C	
MB 240-135869/8-A	Method Blank	T	Water	3520C	
240-38788-1	PLR061WG062014	T	Water	3520C	
240-38788-2	PLR060WG062014	T	Water	3520C	
240-38788-3	PLR057WG062014	T	Water	3520C	
240-38788-5	MW51WG062014	T	Water	3520C	
240-38788-6	MW52WG062014	T	Water	3520C	
240-38788-7	MW53WG062014	T	Water	3520C	
240-38788-8	PLR063WG062014	T	Water	3520C	
Analysis Batch:240-136157					
PB 240-136157/2	Preparation / Extraction Blank	T	Water	8082A	
LCS 240-135869/9-A	Lab Control Sample	T	Water	8082A	240-135869
MB 240-135869/8-A	Method Blank	T	Water	8082A	240-135869
240-38788-1	PLR061WG062014	T	Water	8082A	240-135869
240-38788-2	PLR060WG062014	T	Water	8082A	240-135869
240-38788-3	PLR057WG062014	T	Water	8082A	240-135869
240-38788-5	MW51WG062014	T	Water	8082A	240-135869
240-38788-7	MW53WG062014	T	Water	8082A	240-135869
240-38788-8	PLR063WG062014	T	Water	8082A	240-135869
Analysis Batch:240-136343					
PB 240-136343/2	Preparation / Extraction Blank	T	Water	8082A	
240-38788-6	MW52WG062014	T	Water	8082A	240-135869
Analysis Batch:240-136368					
PB 240-136368/4	Preparation / Extraction Blank	T	Water	8015D	
LCS 240-135865/9-A	Lab Control Sample	T	Water	8015D	240-135865
MB 240-135865/8-A	Method Blank	T	Water	8015D	240-135865
240-38788-2	PLR060WG062014	T	Water	8015D	240-135865
240-38788-3	PLR057WG062014	T	Water	8015D	240-135865
240-38788-5	MW51WG062014	T	Water	8015D	240-135865
240-38788-6	MW52WG062014	T	Water	8015D	240-135865
240-38788-7	MW53WG062014	T	Water	8015D	240-135865

Client: EnSafe, Inc. Job Number: 240-38788-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-136492					
PB 240-136492/4	Preparation / Extraction Blank	T	Water	8015D	
240-38788-1	PLR061WG062014	T	Water	8015D	240-135865
240-38788-8	PLR063WG062014	T	Water	8015D	240-135865

Report Basis
T = Total

Client: EnSafe, Inc. Job Number: 240-38788-1

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
240-38788-1	PLR061WG062014	91	88	84	98
240-38788-2	PLR060WG062014	98	96	93	98
240-38788-3	PLR057WG062014	91	97	94	92
240-38788-4	PLR056WG062014	98	101	99	97
240-38788-5	MW51WG062014	96	101	96	98
240-38788-6	MW52WG062014	99	99	95	100
240-38788-7	MW53WG062014	90	93	86	97
240-38788-8	PLR063WG062014	89	94	87	95
MB 240-136351/7		98	95	99	96
MB 240-136964/4		90	89	83	99
LCS 240-136351/4		101	104	101	101
LCS 240-136964/5		88	92	85	97

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-120
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-120

Client: EnSafe, Inc.

Job Number: 240-38788-1

Surrogate Recovery Report

8015D Diesel Range Organics (DRO) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec
240-38788-1	PLR061WG062014	84
240-38788-2	PLR060WG062014	87
240-38788-3	PLR057WG062014	97
240-38788-5	MW51WG062014	80
240-38788-6	MW52WG062014	91
240-38788-7	MW53WG062014	88
240-38788-8	PLR063WG062014	588X
MB 240-135865/8-A		84
LCS 240-135865/9-A		97

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	40-160

Client: EnSafe, Inc. Job Number: 240-38788-1

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
240-38788-1	PLR061WG062014	54	57	28	27
240-38788-2	PLR060WG062014	63	60	13	15
240-38788-3	PLR057WG062014	54	55	21	25
240-38788-5	MW51WG062014	69	68	57	62
240-38788-6	MW52WG062014	63	67	22	24
240-38788-7	MW53WG062014	62	62	41	43
240-38788-8	PLR063WG062014	37	40	11	4p X
MB 240-135869/8-A		66	63	63	68
LCS 240-135869/9-A		64	60	64	69

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	23-136
DCB = DCB Decachlorobiphenyl	10-130

Client: EnSafe, Inc. Job Number: 240-38788-1

Method Blank - Batch: 240-136351 **Method: 8260C**
Preparation: 5030C

Lab Sample ID:	MB 240-136351/7	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1754	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1754				
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	0.376	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
Cyclohexane	ND		0.12	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.80		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	0.382	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0

Client: EnSafe, Inc. Job Number: 240-38788-1

Method Blank - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136351/7	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1754	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1754				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	98	66 - 120
Dibromofluoromethane (Surr)	95	75 - 121
1,2-Dichloroethane-d4 (Surr)	99	63 - 129
Toluene-d8 (Surr)	96	74 - 120

Method Blank TICs- Batch: 240-136351

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
110-54-3	Hexane	3.99	0.483	J
91-20-3	Naphthalene	12.77	0.550	J
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Control Sample - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136351/4	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1647	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1647				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	50.0	54.9	110	43 - 136	
Benzene	25.0	27.2	109	80 - 120	
Bromoform	25.0	23.2	93	40 - 131	
Bromomethane	25.0	26.9	108	11 - 185	
2-Butanone (MEK)	50.0	56.1	112	60 - 126	
Carbon disulfide	25.0	28.3	113	62 - 142	
Carbon tetrachloride	25.0	29.5	118	66 - 128	
Chlorobenzene	25.0	27.1	108	80 - 120	
Chlorodibromomethane	25.0	27.3	109	64 - 120	
Chloroethane	25.0	24.1	96	25 - 153	
Chloroform	25.0	28.2	113	79 - 120	
Chloromethane	25.0	25.7	103	44 - 126	
cis-1,2-Dichloroethene	25.0	27.1	108	80 - 120	
cis-1,3-Dichloropropene	25.0	27.9	112	61 - 120	
Cyclohexane	25.0	28.8	115	54 - 121	
1,2-Dibromo-3-Chloropropane	25.0	25.2	101	42 - 136	
1,2-Dichlorobenzene	25.0	26.1	104	80 - 120	
1,3-Dichlorobenzene	25.0	26.4	105	80 - 120	
1,4-Dichlorobenzene	25.0	26.0	104	80 - 120	
Dichlorobromomethane	25.0	27.0	108	72 - 121	
Dichlorodifluoromethane	25.0	26.5	106	19 - 129	
1,1-Dichloroethane	25.0	27.9	112	80 - 120	
1,2-Dichloroethane	25.0	28.1	112	71 - 127	
1,1-Dichloroethene	25.0	27.6	110	78 - 131	
1,2-Dichloropropane	25.0	27.0	108	80 - 120	
Ethylbenzene	25.0	27.0	108	80 - 120	
Ethylene Dibromide	25.0	28.1	112	79 - 120	
2-Hexanone	50.0	51.1	102	55 - 133	
Isopropylbenzene	25.0	28.4	114	75 - 120	
Methyl acetate	125	129	103	58 - 131	
Methylcyclohexane	25.0	29.5	118	56 - 127	
Methylene Chloride	25.0	29.5	118	66 - 131	
4-Methyl-2-pentanone (MIBK)	50.0	55.6	111	63 - 128	
Methyl tert-butyl ether	25.0	24.7	99	52 - 144	
m-Xylene & p-Xylene	25.0	27.3	109	80 - 120	
o-Xylene	25.0	27.2	109	80 - 120	
Styrene	25.0	27.3	109	79 - 120	
1,1,2,2-Tetrachloroethane	25.0	27.3	109	68 - 120	
Tetrachloroethene	25.0	29.6	118	79 - 120	
Toluene	25.0	26.2	105	80 - 120	
trans-1,2-Dichloroethene	25.0	28.5	114	80 - 120	

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Control Sample - Batch: 240-136351

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136351/4	Analysis Batch:	240-136351	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM6510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/26/2014 1647	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/26/2014 1647				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	25.0	29.0	116	58 - 120	
1,2,4-Trichlorobenzene	25.0	26.1	104	48 - 135	
1,1,1-Trichloroethane	25.0	29.4	118	74 - 120	
1,1,2-Trichloroethane	25.0	26.3	105	80 - 120	
Trichloroethene	25.0	29.8	119	76 - 120	
Trichlorofluoromethane	25.0	27.8	111	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8	115	74 - 151	
Vinyl chloride	25.0	26.3	105	53 - 127	
Xylenes, Total	50.0	54.5	109	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	101	66 - 120
Dibromofluoromethane (Surr)	104	75 - 121
1,2-Dichloroethane-d4 (Surr)	101	63 - 129
Toluene-d8 (Surr)	101	74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Method Blank - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136964/4	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1017	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1017				
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
Cyclohexane	ND		0.12	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
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.05		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

Client: EnSafe, Inc. Job Number: 240-38788-1

Method Blank - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-136964/4	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 1017	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 1017				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	90	66 - 120
Dibromofluoromethane (Surr)	89	75 - 121
1,2-Dichloroethane-d4 (Surr)	83	63 - 129
Toluene-d8 (Surr)	99	74 - 120

Method Blank TICs- Batch: 240-136964

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
142-82-5	n-Heptane	5.28	0.609	J
	Tentatively Identified Compound		None	

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Control Sample - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136964/5	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944654.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 0931	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 0931				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	29.2	73	43 - 136	
Benzene	20.0	21.1	106	80 - 120	
Bromoform	20.0	15.7	79	40 - 131	
Bromomethane	20.0	18.0	90	11 - 185	
2-Butanone (MEK)	40.0	32.3	81	60 - 126	
Carbon disulfide	20.0	22.3	112	62 - 142	
Carbon tetrachloride	20.0	19.6	98	66 - 128	
Chlorobenzene	20.0	19.5	97	80 - 120	
Chlorodibromomethane	20.0	19.3	96	64 - 120	
Chloroethane	20.0	18.1	91	25 - 153	
Chloroform	20.0	21.0	105	79 - 120	
Chloromethane	20.0	19.6	98	44 - 126	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
cis-1,3-Dichloropropene	20.0	21.0	105	61 - 120	
Cyclohexane	20.0	22.2	111	54 - 121	
1,2-Dibromo-3-Chloropropane	20.0	16.9	85	42 - 136	
1,2-Dichlorobenzene	20.0	18.3	91	80 - 120	
1,3-Dichlorobenzene	20.0	19.4	97	80 - 120	
1,4-Dichlorobenzene	20.0	19.0	95	80 - 120	
Dichlorobromomethane	20.0	21.2	106	72 - 121	
Dichlorodifluoromethane	20.0	15.9	80	19 - 129	
1,1-Dichloroethane	20.0	19.7	99	80 - 120	
1,2-Dichloroethane	20.0	19.9	100	71 - 127	
1,1-Dichloroethene	20.0	21.2	106	78 - 131	
1,2-Dichloropropane	20.0	20.8	104	80 - 120	
Ethylbenzene	20.0	19.5	98	80 - 120	
Ethylene Dibromide	20.0	19.1	96	79 - 120	
2-Hexanone	40.0	32.0	80	55 - 133	
Isopropylbenzene	20.0	19.9	100	75 - 120	
Methyl acetate	100	88.7	89	58 - 131	
Methylcyclohexane	20.0	21.3	107	56 - 127	
Methylene Chloride	20.0	20.8	104	66 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	36.0	90	63 - 128	
Methyl tert-butyl ether	20.0	19.1	96	52 - 144	
m-Xylene & p-Xylene	20.0	20.9	105	80 - 120	
o-Xylene	20.0	20.6	103	80 - 120	
Styrene	20.0	21.5	107	79 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	68 - 120	
Tetrachloroethene	20.0	21.7	109	79 - 120	
Toluene	20.0	20.0	100	80 - 120	
trans-1,2-Dichloroethene	20.0	21.7	108	80 - 120	

Client: EnSafe, Inc. Job Number: 240-38788-1

Lab Control Sample - Batch: 240-136964

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-136964/5	Analysis Batch:	240-136964	Instrument ID:	A3UX9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UX944654.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2014 0931	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/02/2014 0931				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	20.0	22.6	113	58 - 120	
1,2,4-Trichlorobenzene	20.0	19.3	96	48 - 135	
1,1,1-Trichloroethane	20.0	21.4	107	74 - 120	
1,1,2-Trichloroethane	20.0	18.6	93	80 - 120	
Trichloroethene	20.0	21.0	105	76 - 120	
Trichlorofluoromethane	20.0	19.0	95	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.7	113	74 - 151	
Vinyl chloride	20.0	20.4	102	53 - 127	
Xylenes, Total	40.0	41.5	104	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	66 - 120
Dibromofluoromethane (Surr)	92	75 - 121
1,2-Dichloroethane-d4 (Surr)	85	63 - 129
Toluene-d8 (Surr)	97	74 - 120

Client: EnSafe, Inc. Job Number: 240-38788-1

Method Blank - Batch: 240-135865

Method: 8015D
Preparation: 3520C

Lab Sample ID:	MB 240-135865/8-A	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	240-135865	Lab File ID:	P5F62608.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/26/2014 2016	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		110	500
Oil Range Organics (C28-C40)	ND		110	500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	40 - 160

Lab Control Sample - Batch: 240-135865

Method: 8015D
Preparation: 3520C

Lab Sample ID:	LCS 240-135865/9-A	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	240-135865	Lab File ID:	P5F62609.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/26/2014 2046	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2014 0730			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10 - C28]	2500	2290	92	40 - 124	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	97	40 - 160

Client: EnSafe, Inc. Job Number: 240-38788-1

Preparation / Extraction Blank - Batch: 240-136368

Method: 8015D
Preparation: N/A

Lab Sample ID:	PB 240-136368/4	Analysis Batch:	240-136368	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5F62604.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	06/26/2014 1814	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		21000	100000
Oil Range Organics (C28-C40)	ND		21000	100000

Surrogate	% Rec	Acceptance Limits
o-Terphenyl		

Client: EnSafe, Inc. Job Number: 240-38788-1

Preparation / Extraction Blank - Batch: 240-136492

Method: 8015D
Preparation: N/A

Lab Sample ID:	PB 240-136492/4	Analysis Batch:	240-136492	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5F62704.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	06/27/2014 1614	Units:	ug/L	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10 - C28]	ND		21000	100000
Oil Range Organics (C28-C40)	ND		21000	100000

Surrogate	% Rec	Acceptance Limits
o-Terphenyl		

Method Blank - Batch: 240-135869

Method: 8082A
Preparation: 3520C

Lab Sample ID:	MB 240-135869/8-A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Client Matrix:	Water	Prep Batch:	240-135869	Lab File ID:	P1000011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/25/2014 1548	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/24/2014 0734			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
Polychlorinated biphenyls, Total	ND		0.040	0.20

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	66	23 - 136
DCB Decachlorobiphenyl	63	10 - 130

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	63	23 - 136
DCB Decachlorobiphenyl	68	10 - 130

Lab Control Sample - Batch: 240-135869

Method: 8082A
Preparation: 3520C

Lab Sample ID:	LCS 240-135869/9-A	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Client Matrix:	Water	Prep Batch:	240-135869	Lab File ID:	P1000012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/25/2014 1603	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/24/2014 0734			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	2.50	2.17	87	66 - 120	
Aroclor-1260	2.50	1.91	76	55 - 120	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	64	23 - 136
DCB Decachlorobiphenyl	64	10 - 130

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	60	23 - 136
DCB Decachlorobiphenyl	69	10 - 130

Client: EnSafe, Inc. Job Number: 240-38788-1

Preparation / Extraction Blank - Batch: 240-136157

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-136157/2	Analysis Batch:	240-136157	Instrument ID:	A2HP10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1000002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	06/25/2014 1330	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
Polychlorinated biphenyls, Total	ND		20	100

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

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

Client: EnSafe, Inc. Job Number: 240-38788-1

Preparation / Extraction Blank - Batch: 240-136343

Method: 8082A
Preparation: N/A

Lab Sample ID:	PB 240-136343/2	Analysis Batch:	240-136343	Instrument ID:	A2HP10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1000002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	06/26/2014 1400	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
Polychlorinated biphenyls, Total	ND		20	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


240-38788 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

1.4, 1.6, 1.8, 1.4

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

ENSAFE

EnSafe Inc.
800-588-7962

COC No. | Page of

Project Name: MH3 Oil Source Investigation | PO No. | Project No. | Phase

Site Location: UTC - Carrier - Syracuse

Send Results To: Sgoodnight@ensafe.com

Sampler/Site Phone#: M. Crawford 315.283.8871

Lab Name: TA - N. Canton | Turnaround Time(specify): Standard

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	VOC's	PCB's	TPH-DRO	TPH-ORO							Extra Volume for MS/MSD	HOLD
	PLR061WG062014	PLR061	6-20-14	0730	WG	N	N	6	X	X	X	X								
	PLR060WG062014	PLR060	"	1000	"	"	"	7	X	X	X	X								
	PLR057WG062014	PLR057	"	1100	"	"	"	8	X	X	X	X								
	PLR056WG062014	PLR056	"	1200	"	"	"	3	X											
	MW51WG062014	MW51	"	1300	"	"	"	8	X	X	X	X								
	MW52WG062014	MW52	"	1410	"	"	"	8	X	X	X	X								
	MW62WG062014	MW62	"	1535	"	"	"	7	X	X	X	X								
*	PLR063WG062014	PLR063	"	1630	"	"	"	6	X	X	X	X								

Field **Comments:**
* PLR063 has visible product in sample

Lab **Comments:**

Sample Shipment and Delivery Details
Number of coolers in shipment:

Relinquished by (signature)	Date	Time	Received by (signature)	Date	Time
1	6-20-14	17:45	1 RE Highlight	6-20-14	17:45
2 RE Highlight	6-20-14	19:00	2 Corey Burns	6/21/14	0930
3			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 # : 36798
Canton Facility

Client ENSAFE Site Name MH301 Source

Cooler unpacked by: Terry Burns

Cooler Received on 6/21/14 Opened on 6/21/14

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other Multiple

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 -2 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	☑ See Multiple Cooler Form
IR GUN# 5	(CF +0 °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 1 each 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? JB 6/21 Yes No NA pH Strip Lot# HC302587
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
Canton Facility

Login # : 38788

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	8	1.4	1.4	ICE
↓	↓	1.6	1.6	↓
		1.8	1.8	
		1.4	1.4	