Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-186502-1

Client Project/Site: 5501 Cedar Ave 1344 N. Felton

Revision: 1

For:

eurofins

EnviroSure Inc 319 S. High Street 1st Floor West Chester, Pennsylvania 19382

Attn: Chris Zeliznak

il Miller

Authorized for release by: 7/31/2019 5:06:51 PM

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----- LINKS -----

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: EnviroSure Inc Job ID: 460-186502-1

Project/Site: 5501 Cedar Ave 1344 N. Felton

Qualifiers

M	eta	Is

Qualifier **Qualifier Description**

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DΙ

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin) **EDL** Limit of Detection (DoD/DOE) LOD LOQ Limit of Quantitation (DoD/DOE)

Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit ML Minimum Level (Dioxin)

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

PQL Practical Quantitation Limit

QC **Quality Control**

Relative Error Ratio (Radiochemistry) **RER**

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: EnviroSure Inc

Project/Site: 5501 Cedar Ave 1344 N. Felton

Job ID: 460-186502-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative 460-186502-1 Revision(1)

REvision(1)

Sample #25 should have been reported from digested batch per lab manager. This report corrects that error.

Receipt

The samples were received on 7/11/2019 7:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

Metals

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

Job ID: 460-186502-1

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1 N

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Project/Site: 5501 Cedar Ave 1344 N. Felton

Lab Sample ID: 460-186502-1 Client Sample ID: 1 Date Collected: 07/10/19 07:05

Matrix: Water

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) RLMDL Unit **Analyte** Result Qualifier D Prepared Analyzed Dil Fac 2.0 07/22/19 14:44 07/25/19 02:22 Lead 0.30 J 0.053 ug/L

Client Sample ID: 2 Lab Sample ID: 460-186502-2

Date Collected: 07/10/19 07:11

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 07/22/19 14:44 07/25/19 02:25 Lead 0.29 J 2.0 0.053 ua/L

Client Sample ID: 3 Lab Sample ID: 460-186502-3

Date Collected: 07/10/19 07:14

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Result Qualifier RL **MDL** Unit Analyte D Prepared Analyzed Dil Fac 2.0 07/22/19 14:44 07/25/19 02:28 Lead 0.33 J 0.053 ug/L

Client Sample ID: 4 Lab Sample ID: 460-186502-4 **Matrix: Water**

Date Collected: 07/10/19 07:25

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Lead 1.4 J 2.0 0.053 ug/L 07/22/19 14:44 07/25/19 02:31

Client Sample ID: 5 Lab Sample ID: 460-186502-5

Date Collected: 07/10/19 07:30

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac Prepared 07/22/19 14:44 07/25/19 02:34 Lead 2.0 0.34 J 0.053 ug/L

Client Sample ID: 6 Lab Sample ID: 460-186502-6

Date Collected: 07/10/19 07:38

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac 0.32 J 2.0 0.053 ug/L 07/22/19 14:44 07/25/19 02:37 Lead

Client Sample ID: 7 Lab Sample ID: 460-186502-7

Date Collected: 07/10/19 07:38

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.0 0.053 ug/L 07/22/19 14:44 07/25/19 02:40 Lead 0.29 J

Client: EnviroSure Inc Job ID: 460-186502-1

Project/Site: 5501 Cedar Ave 1344 N. Felton

Lab Sample ID: 460-186502-8 Client Sample ID: 8 Date Collected: 07/10/19 07:52

Matrix: Water

Matrix: Water

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS	S)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:43	1

Client Sample ID: 9 Lab Sample ID: 460-186502-9

Date Collected: 07/10/19 07:53

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS	5)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:46	1

Client Sample ID: 10 Lab Sample ID: 460-186502-10 **Matrix: Water**

Date Collected: 07/10/19 07:55 Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS))									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prep	ared	Analyzed	Dil Fac
Lead	0.33	J	2.0	0.053	ug/L		07/22/1	9 14:44	07/25/19 02:55	1

Lab Sample ID: 460-186502-11 Client Sample ID: 11 Date Collected: 07/10/19 08:05 **Matrix: Water**

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.89 J 2.0 0.053 ug/L 07/22/19 14:44 07/25/19 02:58

Client Sample ID: 12 Lab Sample ID: 460-186502-12 **Matrix: Water**

Date Collected: 07/10/19 08:15 Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS	S)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.27	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 03:01	1

Client Sample ID: 13 Lab Sample ID: 460-186502-13 Date Collected: 07/10/19 08:16 **Matrix: Water**

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS	5)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.27	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 03:04	1

Client Sample ID: 14 Lab Sample ID: 460-186502-14 **Matrix: Water**

Date Collected: 07/10/19 08:22 Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS	S)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.5	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 03:07	1

Matrix: Water

Matrix: Water

Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 15 Lab Sample ID: 460-186502-15

Date Collected: 07/10/19 08:23 **Matrix: Water**

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) RLMDL Unit **Analyte** Result Qualifier D Prepared Analyzed Dil Fac 2.0 07/18/19 17:45 07/24/19 22:42 Lead 0.31 J 0.053 ug/L

Client Sample ID: 16 Lab Sample ID: 460-186502-16

Date Collected: 07/10/19 08:26

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac Lead 1.0 J 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 22:48

Client Sample ID: 17 Lab Sample ID: 460-186502-17

Date Collected: 07/10/19 08:35

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Result Qualifier RL **MDL** Unit Analyte D Dil Fac Prepared Analyzed 2.0 07/18/19 17:45 07/24/19 23:49 Lead 2.1 0.053 ug/L

Client Sample ID: 18 Lab Sample ID: 460-186502-18 **Matrix: Water**

Date Collected: 07/10/19 08:37

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Lead 3.4 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:52

Client Sample ID: 19 Lab Sample ID: 460-186502-19 **Matrix: Water**

Date Collected: 07/10/19 08:39 Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac Prepared Lead 2.1 2.0 07/18/19 17:45 07/24/19 23:06 0.053 ug/L

Client Sample ID: 20 Lab Sample ID: 460-186502-20 **Matrix: Water**

Date Collected: 07/10/19 08:40

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 0.25 J 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:09 Lead

Client Sample ID: 21 Lab Sample ID: 460-186502-21 **Matrix: Water**

Date Collected: 07/10/19 08:41 Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:13 Lead 0.27 J

Client: EnviroSure Inc Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 22

Date Collected: 07/10/19 08:44 Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-22

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

RLMDL Unit **Analyte** Result Qualifier D Prepared Analyzed Dil Fac 2.0 07/18/19 17:45 07/24/19 23:16 Lead 0.15 J 0.053 ug/L

Client Sample ID: 23 Lab Sample ID: 460-186502-23

Date Collected: 07/10/19 08:45

Matrix: Water

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.14 J 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:19

Client Sample ID: 24

Date Collected: 07/10/19 09:22 Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-24 **Matrix: Water**

Method: 200.8 - Metals (ICP/MS) Result Qualifier RL **MDL** Unit Analyte D Dil Fac Prepared Analyzed 2.0 07/18/19 17:45 07/24/19 23:22 Lead 5.4 0.053 ug/L

Client Sample ID: 25 Lab Sample ID: 460-186502-25

Date Collected: 07/10/19 09:23 Date Received: 07/11/19 19:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Lead 3.8 2.0 0.053 ug/L 07/24/19 11:09 07/27/19 01:14

Client Sample ID: 26 Lab Sample ID: 460-186502-26

Date Collected: 07/10/19 09:30 Date Received: 07/11/19 19:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac Prepared Lead 2.0 07/18/19 17:45 07/24/19 23:28 0.73 J 0.053 ug/L

Client Sample ID: 27 Lab Sample ID: 460-186502-27

Date Collected: 07/10/19 09:32

Matrix: Water

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:31 Lead 4.9

Client Sample ID: 28 Lab Sample ID: 460-186502-28

Date Collected: 07/10/19 09:35 Date Received: 07/11/19 19:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:34 Lead 2.0

Client Sample Results

Client: EnviroSure Inc Job ID: 460-186502-1

Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 29 Lab Sample ID: 460-186502-29

Date Collected: 07/10/19 09:46 East Sample 15: 455-155552 25

Date Received: 07/11/19 19:00

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Lead
 Qualifier
 RL J
 MDL Unit ug/L
 D 07/18/19 17:45
 Prepared 07/18/19 17:45
 Analyzed 07/24/19 23:43
 Dil Fac 07/18/19 17:45

Lead 1.8 J 2.0 0.053 ug/L 07/18/19 17:45 07/24/19 23:43 1

Client Sample ID: 30 Lab Sample ID: 460-186502-30

Date Collected: 07/10/19 09:47

Date Received: 07/11/19 19:00

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Lead
 Qualifier Qualifier
 RL Qualifier Q

Client Sample ID: 31 Lab Sample ID: 460-186502-31

Date Collected: 07/10/19 09:49

Date Received: 07/11/19 19:00

Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Lead
 Qualifier
 RL
 MDL unit
 D unit
 D or/18/19 19:37
 Analyzed An

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Matrix: Water

Matrix: Water

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Client: EnviroSure Inc

Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 1 Lab Sample ID: 460-186502-1

Matrix: Water

Job ID: 460-186502-1

Date Collected: 07/10/19 07:05 Date Received: 07/11/19 19:00

Date Collected: 07/10/19 07:11

Date Received: 07/11/19 19:00

ı		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
	Total/NA	Analysis	200.8		1	627112	07/25/19 02:22	VAD	TAL EDI

Lab Sample ID: 460-186502-2 Client Sample ID: 2

Matrix: Water

Batch **Batch** Dilution Batch **Prepared Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 200 626319 07/22/19 14:44 VAD TAL EDI Total/NA Analysis 200.8 627112 07/25/19 02:25 VAD TAL EDI

Lab Sample ID: 460-186502-3 Client Sample ID: 3

Date Collected: 07/10/19 07:14 **Matrix: Water**

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:28	VAD	TAL EDI

Client Sample ID: 4 Lab Sample ID: 460-186502-4

Date Collected: 07/10/19 07:25 **Matrix: Water**

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:31	VAD	TAL EDI

Client Sample ID: 5 Lab Sample ID: 460-186502-5

Date Collected: 07/10/19 07:30 **Matrix: Water**

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:34	VAD	TAL EDI

Lab Sample ID: 460-186502-6 Client Sample ID: 6

Date Collected: 07/10/19 07:38 **Matrix: Water**

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:37	VAD	TAL EDI

Client: EnviroSure Inc

Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 7 Lab Sample ID: 460-186502-7

Date Collected: 07/10/19 07:38 Date Received: 07/11/19 19:00

Matrix: Water

Job ID: 460-186502-1

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:40	VAD	TAL EDI

Lab Sample ID: 460-186502-8 Client Sample ID: 8

Date Collected: 07/10/19 07:52 Date Received: 07/11/19 19:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:43	VAD	TAL EDI

Client Sample ID: 9 Lab Sample ID: 460-186502-9

Date Collected: 07/10/19 07:53 Date Received: 07/11/19 19:00

Matrix: Water

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:46	VAD	TAL EDI

Client Sample ID: 10 Lab Sample ID: 460-186502-10 Date Collected: 07/10/19 07:55

Matrix: Water

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:55	VAD	TAL EDI

Client Sample ID: 11 Lab Sample ID: 460-186502-11

Date Collected: 07/10/19 08:05

Matrix: Water

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 02:58	VAD	TAL EDI

Client Sample ID: 12 Lab Sample ID: 460-186502-12

Date Collected: 07/10/19 08:15

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 03:01	VAD	TAL EDI

Client Sample ID: 13

Date Collected: 07/10/19 08:16 Date Received: 07/11/19 19:00 Lab Sample ID: 460-186502-13

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 03:04	VAD	TAL EDI

Client Sample ID: 14 Lab Sample ID: 460-186502-14

Date Collected: 07/10/19 08:22
Date Received: 07/11/19 19:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			626319	07/22/19 14:44	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 03:07	VAD	TAL EDI

Client Sample ID: 15 Lab Sample ID: 460-186502-15

Date Collected: 07/10/19 08:23 Matrix: Water

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 22:42	VAD	TAL EDI

Client Sample ID: 16 Lab Sample ID: 460-186502-16

Date Collected: 07/10/19 08:26 Matrix: Water

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 22:48	VAD	TAL EDI

Client Sample ID: 17 Lab Sample ID: 460-186502-17

Date Collected: 07/10/19 08:35 Matrix: Water

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:49	VAD	TAL EDI

Client Sample ID: 18 Lab Sample ID: 460-186502-18

Date Collected: 07/10/19 08:37 Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:52	VAD	TAL EDI

Client: EnviroSure Inc

Project/Site: 5501 Cedar Ave 1344 N. Felton

Lab Sample ID: 460-186502-19

Motrice Water

Matrix: Water

Job ID: 460-186502-1

Client Sample ID: 19

Date Collected: 07/10/19 08:39 Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:06	VAD	TAL EDI

Client Sample ID: 20 Lab Sample ID: 460-186502-20

Date Collected: 07/10/19 08:40

Matrix: Water

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:09	VAD	TAL EDI

Client Sample ID: 21 Lab Sample ID: 460-186502-21

Date Collected: 07/10/19 08:41

Date Received: 07/11/19 19:00

Lab Sample ID: 460-166502-21

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:13	VAD	TAL EDI

Client Sample ID: 22 Lab Sample ID: 460-186502-22

Date Collected: 07/10/19 08:44

Date Received: 07/11/19 19:00

Lab Sample	יטו:	460-186502-22
		Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:16	VAD	TAL EDI

Client Sample ID: 23 Lab Sample ID: 460-186502-23

Date Collected: 07/10/19 08:45

Date Received: 07/11/19 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:19	VAD	TAL EDI

Client Sample ID: 24 Lab Sample ID: 460-186502-24

Date Collected: 07/10/19 09:22

Lä	ib Sample ID: 460-186502-24
	Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:22	VAD	TAL EDI

Client: EnviroSure Inc

Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 25

Date Collected: 07/10/19 09:23

Lab Sample ID: 460-186502-25

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Job ID: 460-186502-1

Date Received: 07/11/19 19:00

ı		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			626871	07/24/19 11:09	QZY	TAL EDI
	Total/NA	Analysis	200.8		1	628309	07/27/19 01:14	VAD	TAL EDI

Client Sample ID: 26 Lab Sample ID: 460-186502-26

Date Collected: 07/10/19 09:30 Date Received: 07/11/19 19:00

Batch **Batch** Dilution Batch **Prepared Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 200 625589 07/18/19 17:45 VAD TAL EDI Total/NA 200.8 TAL EDI Analysis 627112 07/24/19 23:28 VAD

Client Sample ID: 27 Lab Sample ID: 460-186502-27

Date Collected: 07/10/19 09:32 Date Received: 07/11/19 19:00 Lab Sample ID: 460-186502-27

Matrix: Water

Batch Dilution Batch **Prepared** Batch Method **Prep Type** Туре Run Factor Number or Analyzed Analyst Lab Total/NA 200 625589 07/18/19 17:45 VAD TAL EDI Prep Total/NA Analysis 200.8 627112 07/24/19 23:31 VAD TAL EDI

Client Sample ID: 28 Lab Sample ID: 460-186502-28

Date Collected: 07/10/19 09:35 Date Received: 07/11/19 19:00

Batch Batch Dilution Batch Prepared

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:34	VAD	TAL EDI

Client Sample ID: 29 Lab Sample ID: 460-186502-29

Date Collected: 07/10/19 09:46

Date Received: 07/11/19 19:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:43	VAD	TAL EDI

Client Sample ID: 30 Lab Sample ID: 460-186502-30

Date Collected: 07/10/19 09:47

Date Received: 07/11/19 19:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625589	07/18/19 17:45	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/24/19 23:46	VAD	TAL EDI

Lab Chronicle

Client: EnviroSure Inc Job ID: 460-186502-1

Project/Site: 5501 Cedar Ave 1344 N. Felton

Client Sample ID: 31 Lab Sample ID: 460-186502-31

Date Collected: 07/10/19 09:49

Date Received: 07/11/19 19:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			625592	07/18/19 19:37	VAD	TAL EDI
Total/NA	Analysis	200.8		1	627112	07/25/19 01:30	VAD	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: EnviroSure Inc Job ID: 460-186502-1

Project/Site: 5501 Cedar Ave 1344 N. Felton

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State		PH-0200	09-30-20
Connecticut	State Program	1	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-19
New Jersey	NELAP	2	12028	06-30-20
New Jersey	NELAP		12028	06-30-20
New York	NELAP	2	11452	04-01-20
New York	NELAP		11452	04-01-20
Pennsylvania	NELAP	3	68-00522	02-28-20
Pennsylvania	NELAP		68-00522	02-28-20
Rhode Island	State		LAO00132	12-30-19
Rhode Island	State Program	1	LAO00132	12-30-19
USDA	Federal		NJCA-003-08	05-03-21
USDA	US Federal Programs		P330-18-00135	05-03-21

Method Summary

Client: EnviroSure Inc

Project/Site: 5501 Cedar Ave 1344 N. Felton

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL EDI
200	Preparation, Metals	EPA	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Job ID: 460-186502-1

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Sample Summary

Client: EnviroSure Inc

Job ID: 460-186502-1 Project/Site: 5501 Cedar Ave 1344 N. Felton

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-186502-1	1	Water	07/10/19 07:05	07/11/19 19:00	
460-186502-2	2	Water	07/10/19 07:11	07/11/19 19:00	
460-186502-3	3	Water	07/10/19 07:14	07/11/19 19:00	
460-186502-4	4	Water	07/10/19 07:25	07/11/19 19:00	
460-186502-5	5	Water	07/10/19 07:30	07/11/19 19:00	
160-186502-6	6	Water	07/10/19 07:38	07/11/19 19:00	
160-186502-7	7	Water	07/10/19 07:38	07/11/19 19:00	
160-186502-8	8	Water	07/10/19 07:52	07/11/19 19:00	
160-186502-9	9	Water	07/10/19 07:53	07/11/19 19:00	
160-186502-10	10	Water	07/10/19 07:55	07/11/19 19:00	
160-186502-11	11	Water	07/10/19 08:05	07/11/19 19:00	
460-186502-12	12	Water	07/10/19 08:15	07/11/19 19:00	
160-186502-13	13	Water	07/10/19 08:16	07/11/19 19:00	
160-186502-14	14	Water	07/10/19 08:22	07/11/19 19:00	
60-186502-15	15	Water	07/10/19 08:23	07/11/19 19:00	
160-186502-16	16	Water	07/10/19 08:26	07/11/19 19:00	
160-186502-17	17	Water	07/10/19 08:35	07/11/19 19:00	
160-186502-18	18	Water	07/10/19 08:37	07/11/19 19:00	
160-186502-19	19	Water	07/10/19 08:39	07/11/19 19:00	
160-186502-20	20	Water	07/10/19 08:40	07/11/19 19:00	
160-186502-21	21	Water	07/10/19 08:41	07/11/19 19:00	
60-186502-22	22	Water	07/10/19 08:44	07/11/19 19:00	
160-186502-23	23	Water	07/10/19 08:45	07/11/19 19:00	
160-186502-24	24	Water	07/10/19 09:22	07/11/19 19:00	
160-186502-25	25	Water	07/10/19 09:23	07/11/19 19:00	
60-186502-26	26	Water	07/10/19 09:30	07/11/19 19:00	
60-186502-27	27	Water	07/10/19 09:32	07/11/19 19:00	
60-186502-28	28	Water	07/10/19 09:35	07/11/19 19:00	
60-186502-29	29	Water	07/10/19 09:46	07/11/19 19:00	
160-186502-30	30	Water	07/10/19 09:47	07/11/19 19:00	
460-186502-31	31	Water	07/10/19 09:49	07/11/19 19:00	

450-KOP

Chain of Custody Record

356222

<u>TestAmerica</u>

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: DW DW NPDES RCRA Other: TAL-8210 (0713) COC No: 1 Project Manager: ("hristonner Zelizmak Site Contact: C. | Zelizmak | Date: 07/10 119 **Client Contact** Carrier: TA Courier COCs Company Name: Environment Inc of Tel/Fax: 610 -696-8980 Lab Contact: (1st Floor) Sampler: As hku Dellinger **Analysis Turnaround Time** 200.8-10P Motals Single E X WORKING DAYS For Lab Use Only: O CALENDAR DAYS City/State/Zip: \\\ \(\cdot \) Chester, PA 19382 Walk-in Client: 610-696-8980 TAT if different from Below Lab Sampling: 1010-696-8984 2 weeks Project Name: 12100 1 week 5501 Cedar Ave Job / SDG No.: 2 days PO# 12.100 1 day Sample Type Sample Sample (C=Comp, Sample Specific Notes: Time Date G=Grab) Matrix Cont. Sample Identification Grab 3 10 H Preservation Used: #1=1ce 2=HCl: 3=H2SO4: 4=HNO3: 5=NaOH; 6= Other Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. Unknown Disposal by Lab Archive for Months Non-Hazard Flammable Skin Irritant Poison B Return to Client Special Instructions/QC Requirements & Comments: Cooler Temp. (°C): Obs'd: Therm ID No.: Custody Seal No.: **Custody Seals Intact:** Yes Received by: Date/Time: Envirosure Inc 7/11/19/13 12 Date/Time: Relinguished b Company: Received in Laboratory by:

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING TestAmerica Laboratories, Inc.

	Regul	atory Progra	m: 🗀 🗀] wd	NPDES		RCR										TAL-8210 (0713)
Client Contact		anager: (hr i							Zoliz	naK	Date:					COC No: Z	
Company Name: Envirosure Inc.	Tel/Fax:	410-691	<u>1- 8</u>	<u>980</u>		Lab	Cont		<u> </u>		Carrie	71	<u> </u>	<u>ur</u>	ser	of	
Address: 319 S. High St (1st Floor)		Analysis Turna					정	<u> </u>					1 1		11	Sampler: AS	iley Dellinge
City/State/Zip: West Chester, PA 19382 Phone: (a) O - (a) 10 - 89 PO		DAR DAYS	7	KING DAY	S 1	_	Metal Single	"		1 1]	1 1			For Lab Use C Walk-in Client:	
Phone: (010 - 696 - 8984	4	ı τα αιπετεπτ trom Be					≱াই	1 1				1 1		ľ		Lab Sampling:	<u></u>
Project Name: 12100		1 week	-			2	니컬									Lab Gampling.	
Site: 5501 Ccdar AVC 344 N Felton		2 days				ple (Y	S 2						1 1	1		Job / SDG No.	100
PO# 12100		1 day					~ .	-	111				11				186502
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Sample Identification	Date	. (0-		Matrix	Cont.	File										Sample	Specific Notes:
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Preservation Used: 1=1ce, 2= HCl; 3='H2SO4; 4=HNO3;	E-Maouri	1.44	- 1 	13 11 10 11 12 12 12 12 12 12 12 12 12 12 12 12		SO 12 St	CMP CLEMANA	man me	a a decorate datas	OTA NAMO TO A POST NEW	entrois voini	a desirente pro-		ound and	SOMMAN ON MAIN	a waxa karangan sanakan ka	LY.
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Pleas Comments Section if the lab is to dispose of the sample.						7 8	Sampl	e Dispos	al (A fe	e may be	assess	sed if s	sample	es are	retaine	d longer than 1	month)
Non-Hazard Flammable Skin Irritant	Poison	8 [Unkno	wn		┥	□ p	teturn to Cl	ient	Μo	isposal by	Lab		Arc	hive for	Months	
Special Instructions/QC Requirements & Comments:		<u> </u>								77							
Custody Seals Intact: Yes No	Custody S								ler Temp.	(°C): Ob	s'd:		_Corr'c	1:		Therm ID No.:_	
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Chain of Custody Record

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING TestAmerica Laboratories, Inc.

Regulatory Program: | DW NPDES RCRA Other: TAL-8210 (0713) Project Manager: [hvi stonner Zeliznak Site Contact: C. Zeliznak 7/10/19 COC No: **Client Contact** Date: Company Name: Envirosure Tel/Fax: 610 - 696 - 8980 Lab Contact: COCs Carrier: Inc Courser High St (1st Floor) **Analysis Turnaround Time** Sampler: Ash Iea-Dellyng City/State/Zip: West (Wester, PA 1939Z CALENDAR DAYS WORKING DAYS For Lab Use Only: Phone: 610 - 696 - 8980 Walk-in Client: TAT if different from Below 610-696-8984 Lab Sampling: 2 weeks Project Name: 12100 1 week 344 N. Felton Job / SDG No.: 2 days 1 day Sample Type Sample Sample (C=Comp, Time Sample Identification Cont. Sample Specific Notes: G=Grab) Matrix 01/10/19 9:23 25-Grab 9:30 9:46 9:41 Preservation Used: 1= lce, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6=Other 1140 Possible Hazard Identification: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. Non-Hazard Skin Irritant Poison B Uriknown Return to Client Disposal by Lab Archive for Flammable Months Special Instructions/QC Requirements & Comments: Corr'd: Therm ID No.: Custody Seal No.: Custody Seals Intact: Date/Time: Received by! Date/Time: Company: nc7/11/19/13:15 Environme TAKOR Relinquished Received in Laboratory by: Company: Date/Time:







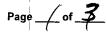


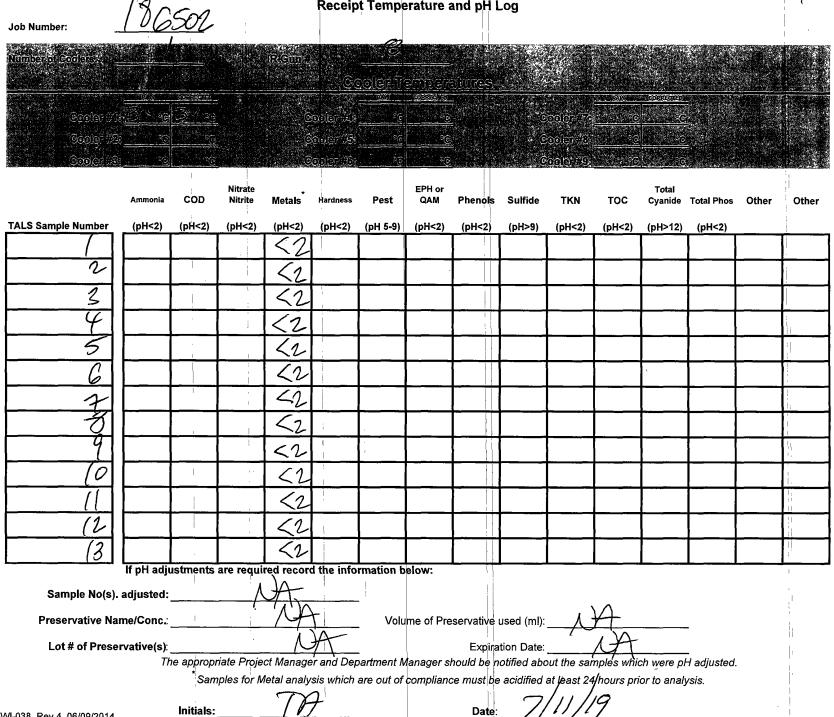




EDS-WI-038, Rev 4, 06/09/2014

TestAmerica Edison Receipt Temperature and pH Log















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TestAmerica Edison Receipt Temperature and pH Log

Page I of B

Job Number: IR COM Number of the collaise Cooler Temperatures recoder#18-COURT LA Cooler # godle //2 Cooler/5 Goodstr/D COD (1) #10: @00(11 #3): Nitrate EPH or Ammonia COD Nitrite Pest Metals QAM Phenois Sulfide Hardness TKN TOC Cyanide Total Phos Other Other **TALS Sample Number** (pH<2) (pH<2) (pH<2) (pH<2) (pH<2) (pH 5-9) (pH<2)(pH<2) (pH>9) (pH<2) (pH<2) (pH>12) (pH<2) 5 9 20 2 If pH adjustments are required record the information below: Sample No(s). adjusted: Preservative Name/Conc.: Volume of Preservative used (ml): Lot # of Preservative(s): Expiration Date: The appropriate Project Manager and Department Manager should be notified about the sample's which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at Jeast 24/hours prior to analysis. Initials: Date EDS-WI-038, Rev 4, 06/09/2014













TestAmerica Edison Receipt Temperature and pH Log

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TALS Sample Number	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
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S-WI-038, Rev 4, 06/09/2014		Initials:		TH	2			Date	_7/	11/1	19				











Client: EnviroSure Inc

Job Number: 460-186502-1

Login Number: 186502

List Source: Eurofins TestAmerica, Edison

List Number: 1 Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-187536-1 Client Project/Site: 12100-2

For:

eurofins

EnviroSure Inc 319 S. High Street 1st Floor West Chester, Pennsylvania 19382

Attn: Chris Zeliznak

Authorized for release by:

00 Miller

8/12/2019 5:12:40 PM

Jill Miller, Senior Project Manager

(484)685-0871

ill.miller@testamericainc.com

·····LINKS ······

Review your project results through Total Access

Have a Question?



Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: EnviroSure Inc Project/Site: 12100-2 Laboratory Job ID: 460-187536-1

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Method Summary	8
Sample Summary	9
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Definitions/Glossary

Client: EnviroSure Inc Job ID: 460-187536-1

Project/Site: 12100-2

Glossary

DL, RA, RE, IN

Abbreviation	These commonly used abbreviations may or may not be present in this report.				
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis				
%R	Percent Recovery				
CFL	Contains Free Liquid				
CNF	Contains No Free Liquid				
DER	Duplicate Error Ratio (normalized absolute difference)				
Dil Fac	Dilution Factor				
DL	Detection Limit (DoD/DOE)				

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MDA Minimum Detectable Activity (Radiochemistry)
MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

PQL Practical Quantitation Limit

QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: EnviroSure Inc Job ID: 460-187536-1 Project/Site: 12100-2

Job ID: 460-187536-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative 460-187536-1

Comments

No additional comments.

Receipt

The sample was received on 7/26/2019 12:38 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.4° C.

Receipt Exceptions

Time collected for sample taken from container label as 9:00am.

Metals

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

Client Sample Results

Client: EnviroSure Inc Job ID: 460-187536-1

Project/Site: 12100-2

Client Sample ID: 32 Lab Sample ID: 460-187536-1

Date Collected: 07/26/19 09:00 Matrix: Water

Date Received: 07/26/19 12:38

Method: 200.8 - Metals (ICP/MS	3)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.0		2.0	0.053	ug/L		08/06/19 19:10	08/12/19 11:56	1

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Lab Chronicle

Client: EnviroSure Inc Job ID: 460-187536-1

Project/Site: 12100-2

Client Sample ID: 32 Lab Sample ID: 460-187536-1

Date Collected: 07/26/19 09:00 Matrix: Water Date Received: 07/26/19 12:38

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			630070	08/06/19 19:10	VAD	TAL EDI
Total/NA	Analysis	200.8		1	631491	08/12/19 11:56	MDC	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Accreditation/Certification Summary

Client: EnviroSure Inc Job ID: 460-187536-1 Project/Site: 12100-2

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State		PH-0200	09-30-20
Connecticut	State Program	1	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-19
New Jersey	NELAP	2	12028	06-30-20
New Jersey	NELAP		12028	06-30-20
New York	NELAP	2	11452	04-01-20
New York	NELAP		11452	04-01-20
Pennsylvania	NELAP	3	68-00522	02-28-20
Pennsylvania	NELAP		68-00522	02-28-20
Rhode Island	State		LAO00132	12-30-19
Rhode Island	State Program	1	LAO00132	12-30-19
USDA	Federal		NJCA-003-08	05-03-21
USDA	US Federal Programs		P330-18-00135	05-03-21

Method Summary

Client: EnviroSure Inc
Project/Site: 12100-2

Job ID: 460-187536-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL EDI
200	Preparation, Metals	EPA	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: EnviroSure Inc Project/Site: 12100-2 Job ID: 460-187536-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-187536-1	32	Water	07/26/19 09:00	07/26/19 12:38	

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Page 10 of

-	27/27/	_1	Rec	TestAmerica Edison Receipt Temperature and pH Log	TestAmerica Edison t Temperature and p	ison nd pH Lo	<u>.</u>					Page of
Job Number:	8 13 36					<u></u> .				-		
Number of Coolers:		7	IR Gun#	\$	K0P-2-							The state of the s
		7		Cooler	Cooler Temperatures	tures						
Cooler#1: 4, 4°C	RAW CORRECTED	erana m	Cooler #4:	#4: RAW	CORRECTED		Coole	er #7:	corp	C		
Cooler #2:	ငံ ငံ		Cooler #5:		ດ ດ		Coole	er # #8:	<u>೧</u> ೧	င်္ဂီ		
	Ammonia COD	Nitrate Nitrite N	* Hardness	_{ness} Pest	EPH or QAM	Phenols	Sulfide	TKN T	то Тос суа	Total Cyanide Total	Total Phos Otl	Other Other
TALS Sample Number	(pH<2) (pH<2)	(pH<2) ((pH<2) (pH	(pH<2) (pH 5-9)) (pH<2)	(pH<2)	(pH>9) (I	(pH<2) (p	(pH<2) (pH	(pH>12) (pH	(pH<2)	
			7				<u>i</u>					
							:					
	-						-					
	-											
												:
										=		
							-			-		
							-					
Sample No(s), adjusted:	idjusted:	9										
Preservative Name/Conc.	le/Conc.:			, ,	Volume of Preservative used (ml):	servative us	sed (ml):					
Lot # of Preservative(s):	/ative(s):					Expiration Date:	on Date:					
	The approp	riate Project nples for Met	The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.	d Department hich are out	t Manager si of compliance	nould be not be a must be a	tified about acidified at I	the sample least 24 ho	es which wo	ere pH adj analysis.	usted.	
EDS-WI-038, Rev 4, 06/09/2014	Initials:	2 2				Date	7/26	119		_		

Client: EnviroSure Inc

Job Number: 460-187536-1

Login Number: 187536 List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Keehn, Jeffrey S

Creator. Reenin, Jenney 5		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Eurofins TestAmerica, Edison

ANALYTICAL REPORT

Eurofins TestAmerica, Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-197526-1

Client Project/Site: 12100

For:

EnviroSure Inc 319 S. High Street 1st Floor West Chester, Pennsylvania 19382

Attn: Chris Zeliznak

all M. mail

Authorized for release by: 12/4/2019 4:57:49 PM

Julie Gilmore, Project Manager I (484)685-0865

julie.gilmore@testamericainc.com

.....LINKS

Review your project results through

Total Access

Have a Question?



Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: EnviroSure Inc Project/Site: 12100 Laboratory Job ID: 460-197526-1

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Definitions/Glossary

Client: EnviroSure Inc Job ID: 460-197526-1

Project/Site: 12100

Qualifiers

Metais	M	eta	Is
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Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

Detection Limit (DoD/DOE) DL

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin) **EDL** Limit of Detection (DoD/DOE) LOD LOQ Limit of Quantitation (DoD/DOE)

Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit ML Minimum Level (Dioxin)

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

PQL Practical Quantitation Limit

QC **Quality Control**

Relative Error Ratio (Radiochemistry) **RER**

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Edison

Case Narrative

Client: EnviroSure Inc
Project/Site: 12100

Job ID: 460-197526-1

Job ID: 460-197526-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative 460-197526-1

Comments

No additional comments.

Receipt

The sample was received on 11/26/2019 8:45 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

Metals

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

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Client Sample Results

Client: EnviroSure Inc Job ID: 460-197526-1

Project/Site: 12100

Client Sample ID: W-1 Lab Sample ID: 460-197526-1

Date Collected: 11/25/19 07:32 Matrix: Water

Date Received: 11/26/19 08:45

Method: 200.8 - Metals (ICP/MS	5)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.053	U	2.0	0.053	ug/L		12/02/19 13:55	12/02/19 14:48	1

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Lab Chronicle

Client: EnviroSure Inc Job ID: 460-197526-1

Project/Site: 12100

Client Sample ID: W-1 Lab Sample ID: 460-197526-1

Date Collected: 11/25/19 07:32 **Matrix: Water** Date Received: 11/26/19 08:45

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			659530	12/02/19 13:55	DLE	TAL EDI
Total/NA	Analysis	200.8		1	659520	12/02/19 14:48	DLE	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: EnviroSure Inc Job ID: 460-197526-1

Project/Site: 12100

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State	<cert no.=""></cert>	12-31-21
Georgia	State	12028 (NJ)	06-30-20
Massachusetts	State	M-NJ312	06-30-20
Massachusetts	State Program	M-NJ312	06-30-20
New Jersey	NELAP	12028	06-30-20
New York	NELAP	11452	04-01-20
Pennsylvania	NELAP	68-00522	02-28-20
Rhode Island	State	LAO00132	12-30-19
USDA	US Federal Programs	P330-18-00135	05-03-21

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Method Summary

Client: EnviroSure Inc
Project/Site: 12100

Job ID: 460-197526-1

 Method
 Method Description
 Protocol
 Laboratory

 200.8
 Metals (ICP/MS)
 EPA
 TAL EDI

 200
 Preparation, Metals
 EPA
 TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: EnviroSure Inc Project/Site: 12100 Job ID: 460-197526-1

Lab Cample ID	Olient Comple ID	Basin	O alla ata d	Deschool	A 4 ID
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-197526-1	W-1	Water	11/25/19 07:32	11/26/19 08:45	

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Chain of Custody Record

364519 * eurofins

Environment Testing
TestAmerica

3.0 KOP-Z `Address: _ TAL-8248 Regulatory Program: DW NPDES RCRA Other: COC No: **Client Contact** Project Manager: Chris Zeliznak Site Contact: Date: 11-25-19 COCs Company Name: Tel/Email: chris@envwsukinc.com Lab Contact: Carrier: __ of ___ EnviroSure, Inc. Analysis Turnaround Time Address: Sampler: South High St 200.8 - ICP MexA (Lead) City/State/Zip: West Cherter, PA 19382 WORKING DAYS For Lab Use Only: CALENDAR DAYS Walk-in Client: TAT if different from Below 5 business days Filtered Sample (Y/N)
Perform MS/MSD (Y/N) (016-696-8980 Lab Sampling: Fax: 2 weeks Project Name: 12100 1 week Site: 12100 Job / SDG No.: 2 days PO# 197526 1 day Sample Type Sample Sample # of (C=Comp, Date Time Matrix Cont. Sample Specific Notes: G=Grab) Sample Identification 6 W- 1 11-25-19 7:32 AQ Page 10 of Preservation Used: 1= Ice. 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1/Cl Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. Poison B Unknown Return to Client ___ Archive for__ Non-Hazard Flammable Skin Irritant Disposal by Lab Months Special Instructions/QC Requirements & Comments: Therm ID No.: Cooler Temp. (°C): Obs'd: Corr'd: Custody Seals Intact: □ No Custody Seal No.: Yes Date/Time: いっとついう 9:21ar Date/Time: Relinquished by: Company: Received by: 845 Date/Time: Relinquished by Received by Relinguished by: Received in Laboratory by:

TestAmerica Edison Receipt Temperature and pH Log

197526 Job Number:

PC_{10}	
Number of Coolers:	
	الاختهال بيجيلا
Cooler Temperatures	Section Sec
RAW CORRECTED RAW CORRECTED	Maria da
Cooler#1: 3 O °C 3 O °C Cooler#4: °C °C Cooler#7: °C	
	Nach?
Cooler #2: ***C *C Cooler #5: *C *C Cooler #8: *C *C	1000
	J. 11.
Cooler #3: °C Cooler #6: °C Cooler #6:	Programme and the

	Ammonia	COD	Nitrate Nitrite	Metals [*]	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	тос	Total Cyanide	Total Phos	Other	Other
TALS Sample Number	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
				22									1	3	
															
	-														
	<u> </u>														
1	1 _														
													 		
				<u> </u>											
													 		
			-												
	If pH adiu	ıstments	are requi	red recor	d the info	rmation b	elow:	<u>. </u>				·	<u> </u>		

Initials:

Sample No(s). adjusted:	
Preservative Name/Conc.:	Volume of Preservative used (ml):
Lot # of Preservative(s):	Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. * Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

oumpied i	or motal analysis willow an	out or compliance mai	101 DC C	iolallica (11 10 dot 24	nours prior	to undiy
Initials:	JK	D	Date:	11/2	6/19		

EDS-WI-038, Rev 4, 06/09/2014

Page 11 of 12

Client: EnviroSure Inc

Job Number: 460-197526-1

Login Number: 197526 List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Keehn, Jeffrey S

oreator. Recini, series o		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Eurofins TestAmerica, Edison