

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

Attn: Chris Zeliznak



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  
Project/Site: 5501 Cedar Ave 1344 N. Felton

Job ID: 460-186502-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
J	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
DL	Detection Limit (DoD/DOE)
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)
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)

# Case Narrative

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

Job ID: 460-186502-1

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**Job ID: 460-186502-1**

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**Laboratory: Eurofins TestAmerica, Edison**

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**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.



# Client Sample Results

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

Job ID: 460-186502-1

## Client Sample ID: 1

Date Collected: 07/10/19 07:05

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-1

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.30	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:22	1

## Client Sample ID: 2

Date Collected: 07/10/19 07:11

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-2

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.29	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:25	1

## Client Sample ID: 3

Date Collected: 07/10/19 07:14

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-3

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.33	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:28	1

## Client Sample ID: 4

Date Collected: 07/10/19 07:25

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-4

Matrix: Water

### 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	1

## Client Sample ID: 5

Date Collected: 07/10/19 07:30

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-5

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.34	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:34	1

## Client Sample ID: 6

Date Collected: 07/10/19 07:38

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-6

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.32	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:37	1

## Client Sample ID: 7

Date Collected: 07/10/19 07:38

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-7

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.29	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:40	1

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# Client Sample Results

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

Job ID: 460-186502-1

## Client Sample ID: 8

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

## Lab Sample ID: 460-186502-8

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

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

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

## Lab Sample ID: 460-186502-9

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

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

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

## Lab Sample ID: 460-186502-10

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.33	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:55	1

## Client Sample ID: 11

Date Collected: 07/10/19 08:05  
 Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-11

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.89	J	2.0	0.053	ug/L		07/22/19 14:44	07/25/19 02:58	1

## Client Sample ID: 12

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

## Lab Sample ID: 460-186502-12

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

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

Date Collected: 07/10/19 08:16  
 Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-13

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

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

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

## Lab Sample ID: 460-186502-14

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

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

# Client Sample Results

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

Job ID: 460-186502-1

## Client Sample ID: 15

Date Collected: 07/10/19 08:23

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-15

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.31	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 22:42	1

## Client Sample ID: 16

Date Collected: 07/10/19 08:26

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-16

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.0	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 22:48	1

## Client Sample ID: 17

Date Collected: 07/10/19 08:35

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-17

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.1		2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:49	1

## Client Sample ID: 18

Date Collected: 07/10/19 08:37

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-18

Matrix: Water

### 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	1

## Client Sample ID: 19

Date Collected: 07/10/19 08:39

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-19

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.1		2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:06	1

## Client Sample ID: 20

Date Collected: 07/10/19 08:40

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-20

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.25	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:09	1

## Client Sample ID: 21

Date Collected: 07/10/19 08:41

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-21

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.27	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:13	1

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# Client Sample Results

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

Job ID: 460-186502-1

## 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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.15	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:16	1

## Client Sample ID: 23

Date Collected: 07/10/19 08:45  
 Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-23

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.14	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:19	1

## 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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.4		2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:22	1

## Client Sample ID: 25

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

## Lab Sample ID: 460-186502-25

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	1

## Client Sample ID: 26

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

## Lab Sample ID: 460-186502-26

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.73	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:28	1

## Client Sample ID: 27

Date Collected: 07/10/19 09:32  
 Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-27

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:31	1

## Client Sample ID: 28

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

## Lab Sample ID: 460-186502-28

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.0		2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:34	1



# Client Sample Results

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

Job ID: 460-186502-1

## Client Sample ID: 29

Date Collected: 07/10/19 09:46

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-29

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

Date Collected: 07/10/19 09:47

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-30

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.28	J	2.0	0.053	ug/L		07/18/19 17:45	07/24/19 23:46	1

## Client Sample ID: 31

Date Collected: 07/10/19 09:49

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-31

Matrix: Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.30	J	2.0	0.053	ug/L		07/18/19 19:37	07/25/19 01:30	1

# Lab Chronicle

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

Job ID: 460-186502-1

## Client Sample ID: 1

Date Collected: 07/10/19 07:05

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

## Client Sample ID: 2

Date Collected: 07/10/19 07:11

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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 02:25	VAD	TAL EDI

## Client Sample ID: 3

Date Collected: 07/10/19 07:14

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 07:25

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 07:30

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

## Client Sample ID: 6

Date Collected: 07/10/19 07:38

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

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# Lab Chronicle

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

Job ID: 460-186502-1

## Client Sample ID: 7

Date Collected: 07/10/19 07:38

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

## Client Sample ID: 8

Date Collected: 07/10/19 07:52

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 07:53

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 07:55

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 08:05

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 08:15

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Eurofins TestAmerica, Edison

# Lab Chronicle

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

Job ID: 460-186502-1

## 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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 08:22

Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 08:23

Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-15

Matrix: Water

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 22:42	VAD	TAL EDI

## Client Sample ID: 16

Date Collected: 07/10/19 08:26

Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-16

Matrix: Water

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 22:48	VAD	TAL EDI

## Client Sample ID: 17

Date Collected: 07/10/19 08:35

Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-17

Matrix: Water

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 23:49	VAD	TAL EDI

## Client Sample ID: 18

Date Collected: 07/10/19 08:37

Date Received: 07/11/19 19:00

## Lab Sample ID: 460-186502-18

Matrix: Water

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 23:52	VAD	TAL EDI

# Lab Chronicle

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

Job ID: 460-186502-1

## Client Sample ID: 19

Date Collected: 07/10/19 08:39

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-19

Matrix: Water

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 23:06	VAD	TAL EDI

## Client Sample ID: 20

Date Collected: 07/10/19 08:40

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-20

Matrix: Water

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 23:09	VAD	TAL EDI

## Client Sample ID: 21

Date Collected: 07/10/19 08:41

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-21

Matrix: Water

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 23:13	VAD	TAL EDI

## 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

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 23:16	VAD	TAL EDI

## Client Sample ID: 23

Date Collected: 07/10/19 08:45

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-23

Matrix: Water

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

Date Collected: 07/10/19 09:22

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-24

Matrix: Water

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 23:22	VAD	TAL EDI

Eurofins TestAmerica, Edison

# Lab Chronicle

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

Job ID: 460-186502-1

## Client Sample ID: 25

Date Collected: 07/10/19 09:23

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Date Collected: 07/10/19 09:30

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-26

Matrix: Water

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 23:28	VAD	TAL EDI

## Client Sample ID: 27

Date Collected: 07/10/19 09:32

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-27

Matrix: Water

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 23:31	VAD	TAL EDI

## Client Sample ID: 28

Date Collected: 07/10/19 09:35

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-28

Matrix: Water

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 23:34	VAD	TAL EDI

## Client Sample ID: 29

Date Collected: 07/10/19 09:46

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-29

Matrix: Water

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 23:43	VAD	TAL EDI

## Client Sample ID: 30

Date Collected: 07/10/19 09:47

Date Received: 07/11/19 19:00

Lab Sample ID: 460-186502-30

Matrix: Water

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 23:46	VAD	TAL EDI

Eurofins TestAmerica, Edison

# Lab Chronicle

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

Job ID: 460-186502-1

**Client Sample ID: 31**

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

**Date Collected: 07/10/19 09:49**

**Matrix: Water**

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

Job ID: 460-186502-1

## 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

Job ID: 460-186502-1

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



# Sample Summary

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

Job ID: 460-186502-1

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	
460-186502-6	6	Water	07/10/19 07:38	07/11/19 19:00	
460-186502-7	7	Water	07/10/19 07:38	07/11/19 19:00	
460-186502-8	8	Water	07/10/19 07:52	07/11/19 19:00	
460-186502-9	9	Water	07/10/19 07:53	07/11/19 19:00	
460-186502-10	10	Water	07/10/19 07:55	07/11/19 19:00	
460-186502-11	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	
460-186502-13	13	Water	07/10/19 08:16	07/11/19 19:00	
460-186502-14	14	Water	07/10/19 08:22	07/11/19 19:00	
460-186502-15	15	Water	07/10/19 08:23	07/11/19 19:00	
460-186502-16	16	Water	07/10/19 08:26	07/11/19 19:00	
460-186502-17	17	Water	07/10/19 08:35	07/11/19 19:00	
460-186502-18	18	Water	07/10/19 08:37	07/11/19 19:00	
460-186502-19	19	Water	07/10/19 08:39	07/11/19 19:00	
460-186502-20	20	Water	07/10/19 08:40	07/11/19 19:00	
460-186502-21	21	Water	07/10/19 08:41	07/11/19 19:00	
460-186502-22	22	Water	07/10/19 08:44	07/11/19 19:00	
460-186502-23	23	Water	07/10/19 08:45	07/11/19 19:00	
460-186502-24	24	Water	07/10/19 09:22	07/11/19 19:00	
460-186502-25	25	Water	07/10/19 09:23	07/11/19 19:00	
460-186502-26	26	Water	07/10/19 09:30	07/11/19 19:00	
460-186502-27	27	Water	07/10/19 09:32	07/11/19 19:00	
460-186502-28	28	Water	07/10/19 09:35	07/11/19 19:00	
460-186502-29	29	Water	07/10/19 09:46	07/11/19 19:00	
460-186502-30	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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: Christopher Zelizmak		Site Contact: C. Zelizmak		Date: 07/10/19		COC No: 1	
Company Name: EnviroSure Inc.		Tel/Fax: 610-696-8980		Lab Contact:		Carrier: TA Courier		1 of 3 COCs	
Address: 319 S. High St (1st Floor)		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) 200.P-ICP Metals Single E				Sampler: Ashley Dellinger	
City/State/Zip: West Chester, PA 19382		<input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS							
Phone: 610-696-8980		TAT if different from Below							
Fax: 610-696-8984		<input checked="" type="checkbox"/> 2 weeks							
Project Name: 12100		<input type="checkbox"/> 1 week						For Lab Use Only:	
Site: 5501 Cedar Ave		<input type="checkbox"/> 2 days						Walk-in Client:	
P O # 12100		<input type="checkbox"/> 1 day						Lab Sampling:	
								Job / SDG No.: 186502	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	200.P-ICP Metals Single E	Sample Specific Notes:
1	07/10/19	7:05 AM	Grab	AQ	1	NN			-1
2		7:11 AM							-2
3		7:14 AM							-3
4		7:23 AM							-4
5		7:30 AM							-5
6		7:38 AM							-6
7		7:38 AM							-7
8		7:52 AM							-8
9		7:53 AM							-9
10		7:55 AM							-10
11		8:05 AM							-11
12		8:15 AM							-12



Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other: 1/4

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.

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:  Yes  No

Custody Seal No.: \_\_\_\_\_ Cooler Temp. (°C): Obs'd: \_\_\_\_\_ Corr'd: \_\_\_\_\_ Therm ID No.: \_\_\_\_\_

Relinquished by: Ashley Dellinger	Company: EnviroSure Inc	Date/Time: 7/11/19 1315	Received by: [Signature]	Company: TA	Date/Time: 7/11/19 1315
Relinquished by: [Signature]	Company: TA	Date/Time: 7/11/19	Received by: [Signature]	Company: TA	Date/Time: 7/11/19 1615
Relinquished by: [Signature]	Company: TA	Date/Time: 7/11/19 1900	Received in Laboratory by: [Signature]	Company: TA Edi	Date/Time: 7/11/19 1900

3.4/3.4/E TAG



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# 450-KOP Chain of Custody Record

356221

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program:  DW  NPDES  RCRA  Other:

<b>Client Contact</b> Company Name: <u>Envirosure Inc.</u> Address: <u>319 S. High St. (1st Floor)</u> City/State/Zip: <u>West Chester, PA 19382</u> Phone: <u>610-696-8980</u> Fax: <u>610-696-8984</u> Project Name: <u>12100</u> Site: <u>5501 Cedar Ave 1344 N Felton</u> PO# <u>12100</u>	<b>Project Manager:</b> <u>Christopher Zeliznak</u> Tell/Fax: <u>610-696-8980</u> <b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	<b>Site Contact:</b> <u>C. Zeliznak</u> Date: <u>7/10/19</u> Lab Contact: Carrier: <u>TA Courier</u>	COC No: <u>2</u> of <u>3</u> COCs Sampler: <u>Ashley Dellinger</u> For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: <u>186502</u>
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Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	200.8-ICP Metal Single	Sample Specific Notes:
13	07/10/19	8:16 AM	Grab	AQ	1	N	N		-13
14		8:22 AM							-14
15		8:23 AM							-15
16		8:24 AM							-16
17		8:35 AM							-17
18		8:37 AM							-18
19		8:39 AM							-19
20		8:40 AM							-20
21		8:41 AM							-21
22		8:44 AM							-22
23		8:45 AM							-23
24		9:22 AM							-24

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other 1, 2, 4

<b>Possible Hazard Identification:</b> 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. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
--	---

**Special Instructions/QC Requirements & Comments:**

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Therm ID No.:
Relinquished by: <u>Ashley Dellinger</u>	Company: <u>Envirosure Inc</u>	Date/Time: <u>7/11/19 13:15</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Company: <u>TA Courier</u>	Date/Time: <u>7/11/19</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Company: <u>ETA</u>	Date/Time: <u>7/11/19 1900</u>	Received in Laboratory by: <u>[Signature]</u>
			Company: <u>TA Ed:</u>
			Date/Time: <u>7/11/19 1315</u>
			Date/Time: <u>7/11/19 1615</u>
			Date/Time: <u>7/11/19 1900</u>

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Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: Christopher Zeliznak		Site Contact: C. Zeliznak		Date: 7/10/19		COC No: 3	
Company Name: Enviroserve Inc		Tel/Fax: 610-696-8980		Lab Contact:		Carrier: TA Courier		3 of 3 COCs	
Address: 319 S High St (1st Floor)		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) 200.4-ICP Metal Single				Sampler: Ashley Dellinger For Lab Use Only: 0 Walk-in Client: Lab Sampling: Job / SDG No.: 180502	
City/State/Zip: West Chester, PA 19382		<input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS							
Phone: 610-696-8980		TAT if different from Below							
Fax: 610-696-8984		<input checked="" type="checkbox"/> 2 weeks							
Project Name: 12100		<input type="checkbox"/> 1 week							
Site: 344 N. Felton		<input type="checkbox"/> 2 days							
PO# 12100		<input type="checkbox"/> 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
25-	07/10/19	9:23 AM	Grab	AQ	1	N	N	-25
26-		9:30 AM						-26
27-		9:32 AM						-27
28-		9:35 AM						-28
29-		9:46 AM						-29
30-		9:47 AM						-30
31-		9:49 AM						-31

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other (114)

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.

Non-Hazardous  Flammable  Skin Irritant  Poison B  Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:  Yes  No

Custody Seal No.: \_\_\_\_\_ Cooler Temp. (°C): Obs'd: \_\_\_\_\_ Corr'd: \_\_\_\_\_ Therm ID No.: \_\_\_\_\_

Relinquished by: Ashley Dellinger	Company: Enviroserve Inc	Date/Time: 7/10/19 13:15	Received by: [Signature]	Company: TA Courier	Date/Time: 7/11/19 1315
Relinquished by: [Signature]	Company: TPAKOP	Date/Time: 7/11/19	Received by: [Signature]	Company: ETA	Date/Time: 7/11/19 1615
Relinquished by: [Signature]	Company: ETA	Date/Time: 7/11/19 1900	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Edison  
Receipt Temperature and pH Log

Job Number: 180502

Number of Coolers: \_\_\_\_\_ IR Gun: \_\_\_\_\_

Cooler Temperatures

Cooler #	Temp 1	Temp 2	Cooler #	Temp 1	Temp 2	Cooler #	Temp 1	Temp 2
Cooler #1	31	31	Cooler #4			Cooler #7		
Cooler #2			Cooler #5			Cooler #8		
Cooler #3			Cooler #6			Cooler #9		

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											
4				<2											
5				<2											
6				<2											
7				<2											
8				<2											
9				<2											
10				<2											
11				<2											
12				<2											
13				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: NA

Preservative Name/Conc.: NA

Lot # of Preservative(s): NA

Volume of Preservative used (ml): NA

Expiration Date: NA

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.

Initials: TA

Date: 7/11/19



TestAmerica Edison  
Receipt Temperature and pH Log

Job Number: 180502

Number of Coolers: 1 IR Gun #: 3

### Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1	34°C	34°C	Cooler #4	°C	°C	Cooler #7	°C	°C
Cooler #2	°C	°C	Cooler #5	°C	°C	Cooler #8	°C	°C
Cooler #3	°C	°C	Cooler #6	°C	°C	Cooler #9	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
14				<2											
15				<2											
16				<2											
17				<2											
18				<2											
19				<2											
20				<2											
21				<2											
22				<2											
23				<2											
24				<2											
25				<2											
26				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: NA  
 Preservative Name/Conc.: NA  
 Lot # of Preservative(s): NA

Volume of Preservative used (ml): NA  
 Expiration Date: NA

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.

Initials: TA

Date: 7/11/19





TestAmerica Edison  
Receipt Temperature and pH Log

Job Number: 186502

Number of Coolers: 1      Ream: 8

### Cooler Temperatures

RAW		CORRECTED		RAW		CORRECTED		RAW		CORRECTED	
Cooler #1:	<u>34</u> °C	<u>34</u> °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C	Cooler #10:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C	Cooler #11:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C			

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
<u>27</u>				<u>&lt;2</u>											
<u>28</u>				<u>&lt;2</u>											
<u>29</u>				<u>&lt;2</u>											
<u>30</u>				<u>&lt;2</u>											
<u>31</u>				<u>&lt;2</u>											

If pH adjustments are required record the information below:

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

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.

Initials: TA      Date: 7/11/19





# Login Sample Receipt Checklist

Client: EnviroSure Inc

Job Number: 460-186502-1

**Login Number: 186502**

**List Number: 1**

**Creator: Lysy, Susan**

**List Source: Eurofins TestAmerica, Edison**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	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 $<6\text{mm}$ (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:**

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

Attn: Chris Zeliznak



Authorized for release by:  
8/12/2019 5:12:40 PM

Jill Miller, Senior Project Manager  
(484)685-0871  
[jill.miller@testamericainc.com](mailto:jill.miller@testamericainc.com)

### LINKS

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# Definitions/Glossary

Client: EnviroSure Inc  
Project/Site: 12100-2

Job ID: 460-187536-1

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)
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)
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)

# Case Narrative

Client: EnviroSure Inc  
Project/Site: 12100-2

Job ID: 460-187536-1

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**Job ID: 460-187536-1**

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**Laboratory: Eurofins TestAmerica, Edison**

## Narrative

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**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  
Project/Site: 12100-2

Job ID: 460-187536-1

**Client Sample ID: 32**

**Date Collected: 07/26/19 09:00**

**Date Received: 07/26/19 12:38**

**Lab Sample ID: 460-187536-1**

**Matrix: Water**

**Method: 200.8 - Metals (ICP/MS)**

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

- 1
- 2
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- 9
- 10
- 11

# Lab Chronicle

Client: EnviroSure Inc  
Project/Site: 12100-2

Job ID: 460-187536-1

**Client Sample ID: 32**

**Date Collected: 07/26/19 09:00**

**Date Received: 07/26/19 12:38**

**Lab Sample ID: 460-187536-1**

**Matrix: Water**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
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



# Accreditation/Certification Summary

Client: EnviroSure Inc  
Project/Site: 12100-2

Job ID: 460-187536-1

## 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



# 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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- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11





# Login Sample Receipt Checklist

Client: EnviroSure Inc

Job Number: 460-187536-1

**Login Number: 187536**

**List Number: 1**

**Creator: Keehn, Jeffrey S**

**List Source: Eurofins TestAmerica, Edison**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## ANALYTICAL REPORT

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

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

**For:**

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

Attn: Chris Zeliznak



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

Julie Gilmore, Project Manager I  
(484)685-0865  
[julie.gilmore@testamericainc.com](mailto:julie.gilmore@testamericainc.com)

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# Definitions/Glossary

Client: EnviroSure Inc  
Project/Site: 12100

Job ID: 460-197526-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## 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
DL	Detection Limit (DoD/DOE)
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)
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)



# Case Narrative

Client: EnviroSure Inc  
Project/Site: 12100

Job ID: 460-197526-1

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**Job ID: 460-197526-1**

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**Laboratory: Eurofins TestAmerica, Edison**

## Narrative

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**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.



# Client Sample Results

Client: EnviroSure Inc  
Project/Site: 12100

Job ID: 460-197526-1

**Client Sample ID: W-1**

**Date Collected: 11/25/19 07:32**

**Date Received: 11/26/19 08:45**

**Lab Sample ID: 460-197526-1**

**Matrix: Water**

**Method: 200.8 - Metals (ICP/MS)**

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

- 1
- 2
- 3
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- 10
- 11

# Lab Chronicle

Client: EnviroSure Inc  
Project/Site: 12100

Job ID: 460-197526-1

**Client Sample ID: W-1**

**Date Collected: 11/25/19 07:32**

**Date Received: 11/26/19 08:45**

**Lab Sample ID: 460-197526-1**

**Matrix: Water**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
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  
Project/Site: 12100

Job ID: 460-197526-1

## 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.>	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

# 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



# Sample Summary

Client: EnviroSure Inc  
Project/Site: 12100

Job ID: 460-197526-1

---

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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# Login Sample Receipt Checklist

Client: EnviroSure Inc

Job Number: 460-197526-1

**Login Number: 197526**

**List Number: 1**

**Creator: Keehn, Jeffrey S**

**List Source: Eurofins TestAmerica, Edison**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	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	