Date: September 17, 2020

USEPA (6953)
Attn: Raghuraman Venkatapathy
26 Martin Luther King Drive West
Cincinnati, OHIO 45220

Project Manager: Audrey Cooper

RE: Certificate of Analysis for Project - SuRGE

The following report contains analytical results for samples submitted on the chain of custody dated September 09, 2020.

I have reviewed the validity of the analytical data generated. All data is reported in accordance to our laboratory QA/QC plan. Any exceptions are noted in the Case Narrative or with qualifiers in the report.

If you have any questions or need additional documentation, please contact your Project Manager.

Sincerely,

Cheryl Rex

Cheryl Rex
MASI Laboratories
QA/QC Officer
cheryl@masilabs.com
(614) 873-4654

CERTIFICATE of ANALYSIS

Microbiological/Inorganic Certification - 877

Organic Certification - 4100

USEPA

Raghuraman Venkatapathy

26 Martin Luther King Drive West

Cincinnati, OHIO 45220

Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/28/20 00:00

Sample Location: Shallow CH4-054 S-5 Unk

Project Manager: Audrey Cooper

Sample ID: 829211

Lab Sample # : 0I01862-01 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**9.5**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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26 Martin Luther King Drive West
Cincinnati, OHIO 45220

Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/28/20 00:00
Sample Location: Deep CH4-054 S-5 Unk

Project Manager: Audrey Cooper

Sample ID: 829212

Lab Sample # : 0I01862-02 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**9.7**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Cincinnati, OHIO 45220

Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/10/20 00:00

Sample Location: Blank CH4-083 U-18 Blk

Project Manager: Audrey Cooper

Sample ID: 828591

Lab Sample # : 0I01862-03 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L	HOLD, O1	2.0	0.08	9/11/20	9/12/20	B009507	JMB	SM 5310C 2011

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PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/10/20 00:00

Sample Location: Shallow CH4-083 U-18 Unk

Project Manager: Audrey Cooper

Sample ID: 828592

Lab Sample # : 0I01862-04 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.9**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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PO Number:
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Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/10/20 00:00
Sample Location: Shallow CH4-083 U-18 Dup

Project Manager: Audrey Cooper

Sample ID: 828593

Lab Sample # : 0I01862-05 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.2**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/10/20 00:00

Sample Location: Deep CH4-083 U-18 Unk

Project Manager: Audrey Cooper

Sample ID: 828594

Lab Sample # : 0I01862-06 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.0**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/12/20 00:00
Sample Location: Shallow CH4-265 U-02 Unk

Project Manager: Audrey Cooper

Sample ID: 828576

Lab Sample # : 0I01862-07 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.8**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/12/20 00:00
Sample Location: Shallow CH4-265 U-02 Dup

Project Manager: Audrey Cooper

Sample ID: 828577

Lab Sample # : 0I01862-08 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.8**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/12/20 00:00
Sample Location: Deep CH4-265 U-02 Unk

Project Manager: Audrey Cooper

Sample ID: 828578

Lab Sample # : 0I01862-09 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.2**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/27/20 00:00

Sample Location: Shallow CH4-204 U-03 Unk

Project Manager: Audrey Cooper

Sample ID: 829201

Lab Sample # : 0I01862-10 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**4.5**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/27/20 00:00

Sample Location: Deep CH4-204 U-03 Unk

Project Manager: Audrey Cooper

Sample ID: 829202

Lab Sample # : 0I01862-11 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**5.9**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/12/20 00:00
Sample Location: Shallow CH4-209 U-14 Unk

Project Manager: Audrey Cooper

Sample ID: 829206

Lab Sample # : 0I01862-12 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**5.0**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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PO Number:
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Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/12/20 00:00
Sample Location: Deep CH4-209 U-14 Unk

Project Manager: Audrey Cooper

Sample ID: 829207

Lab Sample # : 0I01862-13 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**5.0**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/29/20 00:00

Sample Location: Blank CH4-211 U-14 Blk

Project Manager: Audrey Cooper

Sample ID: 828596

Lab Sample # : 0I01862-14 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L	HOLD, O1	2.0	0.08	9/11/20	9/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/29/20 00:00

Sample Location: Shallow CH4-211 U-14 Unk

Project Manager: Audrey Cooper

Sample ID: 828597

Lab Sample # : 0I01862-15 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**6.5**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/29/20 00:00
Sample Location: Shallow CH4-211 U-14 Dup

Project Manager: Audrey Cooper

Sample ID: 828598

Lab Sample # : 0I01862-16 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**6.7**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/29/20 00:00

Sample Location: Deep CH4-211 U-14 Unk

Project Manager: Audrey Cooper

Sample ID: 828599

Lab Sample # : 0I01862-17 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**6.8**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/9/20 00:00
Sample Location: Deep CH4-287 U13 Unk

Project Manager: Audrey Cooper

Sample ID: 828581

Lab Sample # : 0I01862-18 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.5**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/9/20 00:00

Sample Location: Shallow CH4-287 U13 Unk

Project Manager: Audrey Cooper

Sample ID: 828582

Lab Sample # : 0I01862-19 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.2**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Cincinnati, OHIO 45220

Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/29/20 00:00
Sample Location: Blank CH4-249 Su 06 Blk

Project Manager: Audrey Cooper

Sample ID: 828571

Lab Sample # : 0I01862-20 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L	HOLD, O1	2.0	0.08	9/11/20	9/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/29/20 00:00

Sample Location: Shallow CH4-249 Su 06 Unk

Project Manager: Audrey Cooper

Sample ID: 828572

Lab Sample # : 0I01862-21 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.0**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/29/20 00:00
Sample Location: Shallow CH4-249 Su 06 Dup

Project Manager: Audrey Cooper

Sample ID: 828573

Lab Sample # : 0I01862-22 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.9**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/29/20 00:00
Sample Location: Deep CH4-249 Su 06 Unk

Project Manager: Audrey Cooper

Sample ID: 828574

Lab Sample # : 0I01862-23 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.9**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/6/20 00:00
Sample Location: Blank CH4-238 SU-08 Blk

Project Manager: Audrey Cooper

Sample ID: 828586

Lab Sample # : 0I01862-24 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L	HOLD, O1	2.0	0.08	9/11/20	9/12/20	B009507	JMB	SM 5310C 2011

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26 Martin Luther King Drive West

Cincinnati, OHIO 45220

Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 7/6/20 00:00

Sample Location: Shallow CH4-238 SU-08 Unk

Project Manager: Audrey Cooper

Sample ID: 828587

Lab Sample # : 0I01862-25 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.8**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 7/6/20 00:00
Sample Location: Deep CH4-238 SU-08 Unk

Project Manager: Audrey Cooper

Sample ID: 828588

Lab Sample # : 0I01862-26 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.6**	mg/L	HOLD, O1	2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 9/1/20 00:00
Sample Location: Shallow CH4-234 S-20 Unk

Project Manager: Audrey Cooper

Sample ID: 829216

Lab Sample # : 0I01862-27 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**6.0**	mg/L		2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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Organic Certification - 4100

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Cincinnati, OHIO 45220

Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 9/1/20 00:00

Sample Location: Deep CH4-234 S-20 Unk

Project Manager: Audrey Cooper

Sample ID: 829217

Lab Sample # : 0I01862-28 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**6.5**	mg/L		2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 9/3/20 00:00

Sample Location: Blank CH4-235 S-3 Blk

Project Manager: Audrey Cooper

Sample ID: 829241

Lab Sample # : 0I01862-29 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L		2.0	0.08	9/11/20	9/12/20	B009507	JMB	SM 5310C 2011

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Page 30 of 49

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 9/3/20 00:00
Sample Location: Shallow CH4-235 S-3 Blk

Project Manager: Audrey Cooper

Sample ID: 829242

Lab Sample # : 0I01862-30 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**7.8**	mg/L		2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 9/3/20 00:00

Sample Location: Shallow? CH4-235 S-3 Dup

Project Manager: Audrey Cooper

Sample ID: 829243

Lab Sample # : 0I01862-31 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**7.6**	mg/L		2.0	0.08	09/11/20	09/12/20	B009507	JMB	SM 5310C 2011

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Page 32 of 49

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 9/3/20 00:00

Sample Location: Deep** CH4-235 S-3 Unk

Project Manager: Audrey Cooper

Sample ID: 829244

Lab Sample # : 0I01862-32 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**7.5**	mg/L		2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/20/20 00:00
Sample Location: Shallow CH4-101 U-15 Unk

Project Manager: Audrey Cooper

Sample ID: 829221

Lab Sample # : 0I01862-33 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**2.7**	mg/L		2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/20/20 00:00

Sample Location: Deep CH4-101 U-15 Unk

Project Manager: Audrey Cooper

Sample ID: 829222

Lab Sample # : 0I01862-34 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**3.5**	mg/L		2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/25/20 00:00
Sample Location: Shallow CH4-210 S-5 Unk

Project Manager: Audrey Cooper

Sample ID: 829226

Lab Sample # : 0I01862-35 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**12.2**	mg/L		2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/25/20 00:00
Sample Location: Deep CH4-210 S-5 Unk

Project Manager: Audrey Cooper

Sample ID: 829227

Lab Sample # : 0I01862-36 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**12.5**	mg/L		2.0	0.08	09/11/20	09/13/20	B009507	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/25/20 00:00
Sample Location: Shallow? CH4-210 S-5 Dup

Project Manager: Audrey Cooper

Sample ID: 829228

Lab Sample # : 0I01862-37 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**14.5**	mg/L		2.0	0.08	09/14/20	09/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/25/20 00:00
Sample Location: Blank CH4-210 S-5 Blk

Project Manager: Audrey Cooper

Sample ID: 829229

Lab Sample # : 0I01862-38 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L		2.0	0.08	9/14/20	9/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/27/20 00:00
Sample Location: Shallow CH4-205 U-7 Unk

Project Manager: Audrey Cooper

Sample ID: 829231

Lab Sample # : 0I01862-39 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**9.6**	mg/L		2.0	0.08	09/14/20	09/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/27/20 00:00
Sample Location: Deep CH4-205 U-7 Unk

Project Manager: Audrey Cooper

Sample ID: 829232

Lab Sample # : 0I01862-40 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**9.1**	mg/L		2.0	0.08	09/14/20	09/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Sampler Name: None Provided
Sampled Date/Time: 8/19/20 00:00
Sample Location: Blank CH4-116 U-11 Blk

Project Manager: Audrey Cooper

Sample ID: 829236

Lab Sample # : 0I01862-41 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	ND	mg/L		2.0	0.08	9/14/20	9/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/19/20 00:00

Sample Location: Shallow CH4-116 U-11 Unk

Project Manager: Audrey Cooper

Sample ID: 829237

Lab Sample # : 0I01862-42 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**9.9**	mg/L		2.0	0.08	09/14/20	09/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/19/20 00:00

Sample Location: Shallow? CH4-116 U-11 Dup

Project Manager: Audrey Cooper

Sample ID: 829238

Lab Sample # : 0I01862-43 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**10.3**	mg/L	HOLD	2.0	0.08	09/16/20	09/16/20	B009653	JMB	SM 5310C 2011

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Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Sampler Name: None Provided

Sampled Date/Time: 8/19/20 00:00

Sample Location: Deep CH4-116 U-11 Unk

Project Manager: Audrey Cooper

Sample ID: 829239

Lab Sample # : 0I01862-44 (Non-Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date Prepared	Date Analyzed	Batch	Analyst	Method
Wet Chemistry Analysis										
Total organic carbon	**9.9**	mg/L		2.0	0.08	09/14/20	09/15/20	B009571	JMB	SM 5310C 2011

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Quality Control

Wet Chemistry Analysis

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B009507										
Duplicate (B009507-DUP4) - Prepared: 9/11/2020 Analyzed: 9/12/2020						**Source: 0I01862-28**				
Total organic carbon	6.6		2.0	mg/L		6.5			2	10
Duplicate (B009507-DUP5) - Prepared: 9/11/2020 Analyzed: 9/12/2020						**Source: 0I01862-30**				
Total organic carbon	7.8		2.0	mg/L		7.8			0.2	10
Duplicate (B009507-DUP6) - Prepared: 9/11/2020 Analyzed: 9/13/2020						**Source: 0I01862-33**				
Total organic carbon	2.7		2.0	mg/L		2.7			0.6	10
Matrix Spike (B009507-MS4) - Prepared: 9/11/2020 Analyzed: 9/12/20						**Source: 0I01862-29**				
Total organic carbon	22.0		2.2	mg/L	22.2	0.9	95	90-110		
Matrix Spike (B009507-MS5) - Prepared: 9/11/2020 Analyzed: 9/12/20						**Source: 0I01862-31**				
Total organic carbon	28.9		2.2	mg/L	22.2	7.6	96	90-110		
Matrix Spike (B009507-MS6) - Prepared: 9/11/2020 Analyzed: 9/13/20						**Source: 0I01862-34**				
Total organic carbon	24.5		2.2	mg/L	22.2	3.5	94	90-110		
Batch: B009571										
Blank (B009571-BLK1) - Prepared: 9/14/2020 Analyzed: 9/15/2020										
Total organic carbon	ND		1.0	mg/L						
Blank (B009571-BLK2) - Prepared: 9/14/2020 Analyzed: 9/15/2020										
Total organic carbon	ND		1.0	mg/L						
LCS (B009571-BS1) - Prepared: 9/14/2020 Analyzed: 9/15/2020										
Total organic carbon	9.5			mg/L	10.0		95	90-110		

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Client #: 6953
PO Number:
Date Received: 9/9/20 15:00
Reported: 9/17/20 11:22

Quality Control
(Continued)

Wet Chemistry Analysis (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B009571 (Continued)										
LCS (B009571-BS2) - Prepared: 9/14/2020 Analyzed: 9/15/2020										
Total organic carbon	9.4			mg/L	10.0		94	90-110		
Duplicate (B009571-DUP1) - Prepared: 9/14/2020 Analyzed: 9/15/2020					**Source: 0I01862-44**					
Total organic carbon	9.9		2.0	mg/L		9.9			0.7	10
Batch: B009653										
Blank (B009653-BLK1) - Prepared & Analyzed: 9/16/2020										
Total organic carbon	ND		1.0	mg/L						
Blank (B009653-BLK2) - Prepared & Analyzed: 9/16/2020										
Total organic carbon	ND		1.0	mg/L						
LCS (B009653-BS1) - Prepared & Analyzed: 9/16/2020										
Total organic carbon	9.4			mg/L	10.0		94	90-110		
LCS (B009653-BS2) - Prepared & Analyzed: 9/16/2020										
Total organic carbon	9.5			mg/L	10.0		95	90-110		
Matrix Spike (B009653-MS1) - Prepared & Analyzed: 9/16/2020					**Source: 0I01862-43**					
Total organic carbon	31.8		2.2	mg/L	22.2	10.3	97	90-110		

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Page 47 of 49

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26 Martin Luther King Drive West

Cincinnati, OHIO 45220

Client #: 6953

PO Number:

Date Received: 9/9/20 15:00

Reported: 9/17/20 11:22

Notes and Definitions

Item	Definition
HOLD	Exceeds Recommended Holding Time
O1	Other - Sample was presented for analysis in one 40 ml clear vial with 2 drops 50% HCL.
mg/kg Dry	Sample results reported on a dry weight basis
ug/L	ppb/Part per Billion
mg/L	ppm/Part per Million
ND	Analyte NOT DETECTED at or above the Reporting Limit
!	Analyte is at or above the Maximum Contaminate Level.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated

Notes:

1. Calculated analytes are based on raw data and may not reflect the rounding of the individual compounds.

2. Samples are analyzed using the information received on the request sheet and may not be analyzed when the parameters fall outside required guidelines.

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0101862-01/2

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829211	Shallow	CH4-054	S-5	Unk	07/28/2020	①
829212	Deep	CH4-054	S-5	Unk	07/28/2020	①
829213						
829214						
829215						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatepathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _____ Date/Time: 9-9/20 13:20

SEP 0 9 2020

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0101862-03/6

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828591	Blank	CH4-083	U-18	Blk	08/10/2020	1
828592	Shallow	CH4-083	U-18	Unk	08/10/2020	1
828593	Shallow	CH4-083	U-18	Dup	08/10/2020	1
828594	Deep	CH4-083	U-18	Unk	08/10/2020	1
828595						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_
Received by: _____ Date/Time: _____
Received by MASI: _____ Date/Time: _9/9/20 13:20_

SEP 0 9 2020

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010 1862-07/09

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	3
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828576	Shallow	CH4-265	U-02	Unk	07/12/2020	
828577	Shallow	CH4-265	U-02	Dup	07/12/2020	
828578	Deep	CH4-265	U-02	Unk	07/12/2020	
828579						
828580						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkataratthy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _Cam S____   Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-10/11

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829201	Shallow	CH4-204	U-03	Unk	07/27/2020	(1)
829202	Deep	CH4-204	U-03	Unk	07/27/2020	(1)
829203						
829204						
829205						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _____   Date/Time: _9/9/20 15:20_

SEP 0 9 2020

MASI
LABORATORIES

O101862-12/13

Sample Matrix: Non-Potable	PO#:

Client Number: 6953	Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829206	Shallow	CH4-209	U-14	Unk	08/12/2020	
829207	Deep	CH4-209	U-14	Unk	08/12/2020	
829208						
829209						
829210						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Roghu Vembatapathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _____ Date/Time: _99/10 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-14/17

Sample Matrix: Non-Potable	PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828596	Blank	CH4-211	U-14	Blk	07/29/2020	☑
828597	Shallow	CH4-211	U-14	Unk	07/29/2020	☑
828598	Shallow	CH4-211	U-14	Dup	07/29/2020	☑
828599	Deep	CH4-211	U-14	Unk	07/29/2020	☑
828600						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkata pathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _____ Date/Time: _9/9/20 18:20_

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MASI
LABORATORIES
©

0101862-18/19

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828581	Deep	CH4-287	U13	Unk	07/09/2020	1
828582	Shallow	CH4-287	U13	Unk	07/09/2020	1
828583						
828584						
828585						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020 , 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _Cam_   Date/Time: _9/9/20   13:20_

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LABORATORIES ©

0101862-20/23

| Sample Matrix: | Non-Potable | | PO#: | |
| Client Number: 6953 | | Client Name: USEPA | | |

Container Preservative	(1) 40ML Vials HCl
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828571	Blank	CH4-249	Su 06	Blk	07/29/2020	
828572	Shallow	CH4-249	Su 06	Unk	07/29/2020	
828573	Shallow	CH4-249	Su 06	Dup	07/29/2020	
828574	Deep	CH4-249	Su 06	Unk	07/29/2020	
828575						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkataposthy_ Date/Time: _09/09/2020, 12 PM_
Received by: _____ Date/Time: _____
Received by MASI: _Co_____ Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI LABORATORIES ©

0101862-24/26

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name:** USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	3
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828586	Blank	CH4-238	SU-08	Blk	07/06/2020	
828587	Shallow	CH4-238	SU-08	Unk	07/06/2020	
828588	Deep	CH4-238	SU-08	Unk	07/06/2020	
828589						
828590						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _Cam Swx_   Date/Time: _9/9/20 13:20_

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MASI
LABORATORIES

0101862-27/28

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(2) 40ML Vials H3PO4
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829216	Shallow	CH4-234	S-20	Unk	09/01/2020	2
829217	Deep	CH4-234	S-20	Unk	09/01/2020	2
829218						
829219						
829220						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _____   Date/Time: _9/9/20   13:20_

SEP 09 2020

MASI
LABORATORIES

0101862-29/32

Sample Matrix: Non-Potable

PO#:

Client Number: 6953

Client Name: USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	7
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829241	Blank	CH4-235	S-3	Blk	09/03/2020	2
829242	Shallow	CH4-235	S-3	Unk	09/03/2020	2
829243	Shallow?	CH4-235	S-3	Dup	09/03/2020	2
829244	Deep**	CH4-235	S-3	Unk	09/03/2020	1
829245						

*unknown = unk, duplicate = dup, blank = blk; ** one container

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _Connor Six_ Date/Time: _9-9-20   13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-33/34

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829221	Shallow	CH4-101	U-15	Unk	08/20/2020	(2)
829222	Deep	CH4-101	U-15	Unk	08/20/2020	(2)
829223						
829224						
829225						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12PM_
Received by: _____ Date/Time: _____
Received by MASI: _____ Date/Time: 9-9-20 13:20

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MASI
LABORATORIES

O1O1862-35/38

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name:** USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	8
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829226	Shallow	CH4-210	S-5	Unk	08/25/2020	
829227	Deep	CH4-210	S-5	Unk	08/25/2020	
829228	Shallow?	CH4-210	S-5	Dup	08/25/2020	
829229	Blank	CH4-210	S-5	Blk	08/25/2020	
829230						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _____   Date/Time: _9/9/20   13:20_

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MASI©
LABORATORIES

0101862-39/40

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(2) 40ML Vials H3PO4
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829231	Shallow	CH4-205	U-7	Unk	08/27/2020	(2)
829232	Deep	CH4-205	U-7	Unk	08/27/2020	(2)
829233						
829234						
829235						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _Cam Sa___ Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-41/44

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	8
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829236	Blank	CH4-116	U-11	Blk	08/19/2020	(2)
829237	Shallow	CH4-116	U-11	Unk	08/19/2020	(2)
829238	Shallow?	CH4-116	U-11	Dup	08/19/2020	(2)
829239	Deep	CH4-116	U-11	Unk	08/19/2020	(2)
829240						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _____   Date/Time: 9-9-20 13:20

SEP 0 9 2020

MASI LABORATORIES

0101862-01/2

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name:** USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829211	Shallow	CH4-054	S-5	Unk	07/28/2020	①
829212	Deep	CH4-054	S-5	Unk	07/28/2020	①
829213						
829214						
829215						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatepathy_   Date/Time: _09/09/2020, 12PM_

Received by: _____   Date/Time: _____

Received by MASI: _____   Date/Time: 9-9/20 13:20

SEP 0 9 2020

MASI
LABORATORIES

0101862-03/6

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828591	Blank	CH4-083	U-18	Blk	08/10/2020	1
828592	Shallow	CH4-083	U-18	Unk	08/10/2020	1
828593	Shallow	CH4-083	U-18	Dup	08/10/2020	1
828594	Deep	CH4-083	U-18	Unk	08/10/2020	1
828595						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_
Received by: _____ Date/Time: _____
Received by MASI: _____ Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-07/09

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name:** USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	3
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828576	Shallow	CH4-265	U-02	Unk	07/12/2020	
828577	Shallow	CH4-265	U-02	Dup	07/12/2020	
828578	Deep	CH4-265	U-02	Unk	07/12/2020	
828579						
828580						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkataratthy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _Cam S_____   Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-10/11

Sample Matrix: Non-Potable	**PO#:**
Client Number: 6953	**Client Name: USEPA**

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829201	Shallow	CH4-204	U-03	Unk	07/27/2020	1
829202	Deep	CH4-204	U-03	Unk	07/27/2020	1
829203						
829204						
829205						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _____ Date/Time: _9/9/20 15:20_

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MASI
LABORATORIES

0101862-12/13

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name:** USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC
	**Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829206	Shallow	CH4-209	U-14	Unk	08/12/2020	
829207	Deep	CH4-209	U-14	Unk	08/12/2020	
829208						
829209						
829210						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Vembatapathy_   Date/Time: _09/09/2020, 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _____   Date/Time: _99/10 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-14/17

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(1) 40ML Vials HCl
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828596	Blank	CH4-211	U-14	Blk	07/29/2020	✓
828597	Shallow	CH4-211	U-14	Unk	07/29/2020	✓
828598	Shallow	CH4-211	U-14	Dup	07/29/2020	✓
828599	Deep	CH4-211	U-14	Unk	07/29/2020	✓
828600						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkata pathy_   Date/Time: _09/09/2020, 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _____   Date/Time: _9/9/20   18:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-18/19

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	2
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828581	Deep	CH4-287	U13	Unk	07/09/2020	2
828582	Shallow	CH4-287	U13	Unk	07/09/2020	1
828583						
828584						
828585						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020 , 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _____   Date/Time: _9/9/20   13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-20/23

Sample Matrix: Non-Potable **PO#:**

Client Number: 6953 **Client Name:** USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828571	Blank	CH4-249	Su 06	Blk	07/29/2020	2
828572	Shallow	CH4-249	Su 06	Unk	07/29/2020	1
828573	Shallow	CH4-249	Su 06	Dup	07/29/2020	2
828574	Deep	CH4-249	Su 06	Unk	07/29/2020	1
828575						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Vembalapathy_ Date/Time: _09/09/2020, 12 PM_
Received by: _____ Date/Time: _____
Received by MASI: _____ Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-24/26

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name:** USEPA

Container Preservative	(1) 40ML Vials HCl
# Containers	3
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
828586	Blank	CH4-238	SU-08	Blk	07/06/2020	
828587	Shallow	CH4-238	SU-08	Unk	07/06/2020	
828588	Deep	CH4-238	SU-08	Unk	07/06/2020	
828589						
828590						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_
Received by: _____ Date/Time: _____
Received by MASI: _Cam Sua_ Date/Time: _9/9/20 13:20_

SEP 0 9 2020

MASI
LABORATORIES

0101862-27/28

Sample Matrix: Non-Potable	**PO#:**
Client Number: 6953	**Client Name:** USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829216	Shallow	CH4-234	S-20	Unk	09/01/2020	2
829217	Deep	CH4-234	S-20	Unk	09/01/2020	2
829218						
829219						
829220						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_ Date/Time: _09/09/2020, 12 PM_

Received by: _____ Date/Time: _____

Received by MASI: _____ Date/Time: _9/9/20 13:20_

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MASI
LABORATORIES

0101862-29/32

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(2) 40ML Vials H3PO4
# Containers	7
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829241	Blank	CH4-235	S-3	Blk	09/03/2020	2
829242	Shallow	CH4-235	S-3	Unk	09/03/2020	2
829243	Shallow?	CH4-235	S-3	Dup	09/03/2020	2
829244	Deep**	CH4-235	S-3	Unk	09/03/2020	1
829245						
*unknown = unk, duplicate = dup, blank = blk; ** one container						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _Camm Sia_   Date/Time: _9-9-20   13:20_

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LABORATORIES

0101862-33/34

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829221	Shallow	CH4-101	U-15	Unk	08/20/2020	(2)
829222	Deep	CH4-101	U-15	Unk	08/20/2020	(2)
829223						
829224						
829225						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12PM_
Received by: _____   Date/Time: _____
Received by MASI: _____   Date/Time: 9-9-20 13:20

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MASI
L A B O R A T O R I E S

0101862-35/38

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(2) 40ML Vials H3PO4
# Containers	8
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829226	Shallow	CH4-210	S-5	Unk	08/25/2020	⟨2⟩
829227	Deep	CH4-210	S-5	Unk	08/25/2020	⟨2⟩
829228	Shallow?	CH4-210	S-5	Dup	08/25/2020	⟨2⟩
829229	Blank	CH4-210	S-5	Blk	08/25/2020	⟨2⟩
829230						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkataphathy_   Date/Time: _09/09/2020, 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _____   Date/Time: _9/9/20   13:20_

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MASI
LABORATORIES

0101862-39/40

Sample Matrix: Non-Potable   **PO#:**

Client Number: 6953   **Client Name: USEPA**

Container Preservative	(2) 40ML Vials H3PO4
# Containers	4
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829231	Shallow	CH4-205	U-7	Unk	08/27/2020	2
829232	Deep	CH4-205	U-7	Unk	08/27/2020	2
829233						
829234						
829235						
*unknown = unk, duplicate = dup, blank = blk						

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody

Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_

Received by: _____   Date/Time: _____

Received by MASI: _Cam Sa___   Date/Time: _9/9/20 13:20_

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LABORATORIES

0101862-41/44

Sample Matrix: Non-Potable   PO#:

Client Number: 6953   Client Name: USEPA

Container Preservative	(2) 40ML Vials H3PO4
# Containers	8
Tests to Include:	TOC **Client may also submit their own containers: 40ml glass vials, w/2 drops of 50% H2SO4

Sample #	Sampler's Name	LakeID	SiteID	*Sample Type	Collection Date	LIMS (Office Use)
829236	Blank	CH4-116	U-11	Blk	08/19/2020	(2)
829237	Shallow	CH4-116	U-11	Unk	08/19/2020	(2)
829238	Shallow?	CH4-116	U-11	Dup	08/19/2020	(2)
829239	Deep	CH4-116	U-11	Unk	08/19/2020	(2)
829240						

*unknown = unk, duplicate = dup, blank = blk

On-Site Sample Event Information: Unfiltered water samples collected from two depths within a lake. Field blanks consist of deionized water added directly to TOC vial in the field.

Chain of Custody
Relinquished by: _Raghu Venkatapathy_   Date/Time: _09/09/2020, 12 PM_
Received by: _____   Date/Time: _____
Received by MASI: _____   Date/Time: 9-9-20 13:20

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