



Microbac Laboratories, Inc., Lee

CERTIFICATE OF ANALYSIS

E5G0203

Project Description

General

For:

Lee Hauge

LAPA West

16 Wellesley ST

Pittsfield, MA 01201

Service Center Manager

Christine F. Reynolds

Wednesday, July 16, 2025

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc., Lee. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

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Microbac Laboratories, Inc., Lee

CERTIFICATE OF ANALYSIS

E5G0203

LAPA West

Lee Hauge
16 Wellesley ST
Pittsfield, MA 01201

Project Name: General

Project / PO Number: N/A
Received: 07/08/2025
Reported: 07/16/2025

Sample Summary Report

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Client Matrix</u>	<u>Sample Type</u>	<u>Sample Begin</u>	<u>Sample Taken</u>	<u>Lab Received</u>
GARF-1S	E5G0203-01	Aqueous	Grab		06/16/25 16:45	07/08/25 08:49
GARF-D	E5G0203-02	Aqueous	Grab		06/16/25 16:30	07/08/25 08:49
Buel-S	E5G0203-03	Aqueous	Grab		06/16/25 17:40	07/08/25 08:49
Buel-40	E5G0203-04	Aqueous	Grab		06/16/25 17:20	07/08/25 08:49
Pont-20	E5G0203-05	Aqueous	Grab		06/19/25 17:03	07/08/25 08:49
Cheshire -Shadow	E5G0203-06	Aqueous	Grab		06/23/25 15:19	07/08/25 08:49
Cheshire - D	E5G0203-07	Aqueous	Grab		06/23/25 15:10	07/08/25 08:49
Laurel-S	E5G0203-08	Aqueous	Grab		06/24/25 19:41	07/08/25 08:49
Laurel-D	E5G0203-09	Aqueous	Grab		06/24/25 19:30	07/08/25 08:49
Otis- Marina	E5G0203-10	Aqueous	Grab		06/25/25 18:30	07/08/25 08:49
Otis- D	E5G0203-11	Aqueous	Grab		06/25/25 18:14	07/08/25 08:49



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CERTIFICATE OF ANALYSIS

E5G0203

Analytical Testing Parameters

Client Sample ID: GARF-1S
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-01

Collected By: Shannon Poulin
Collection Date: 06/16/2025 16:45

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993) Phosphorus as P	0.0117		0.0106	mg/L	H	07/15/25 2044	07/16/25 0914	CLW

Client Sample ID: GARF-D
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-02

Collected By: Shannon Poulin
Collection Date: 06/16/2025 16:30

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993) Phosphorus as P	<0.0106		0.0106	mg/L	H	07/15/25 2044	07/16/25 0914	CLW

Client Sample ID: Buel-S
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-03

Collected By: Shannon Poulin
Collection Date: 06/16/2025 17:40

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993) Phosphorus as P	<0.0106		0.0106	mg/L	H	07/15/25 2044	07/16/25 0915	CLW

Client Sample ID: Buel-40
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-04

Collected By: Shannon Poulin
Collection Date: 06/16/2025 17:20

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993) Phosphorus as P	0.0138		0.0106	mg/L	H	07/15/25 2044	07/16/25 0915	CLW

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CERTIFICATE OF ANALYSIS

E5G0203

Client Sample ID: Pont-20
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-05

Collected By: Shannon Poulin
Collection Date: 06/19/2025 17:03

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	<0.0106		0.0106	mg/L		07/15/25 2044	07/16/25 0916	CLW

Client Sample ID: Cheshire -Shadow
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-06

Collected By: Shannon Poulin
Collection Date: 06/23/2025 15:19

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	0.0159		0.0106	mg/L		07/15/25 2044	07/16/25 0917	CLW

Client Sample ID: Cheshire - D
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-07

Collected By: Shannon Poulin
Collection Date: 06/23/2025 15:10

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	0.0128		0.0106	mg/L		07/15/25 2044	07/16/25 0919	CLW

Client Sample ID: Laurel-S
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-08

Collected By: Shannon Poulin
Collection Date: 06/24/2025 19:41

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	<0.0106		0.0106	mg/L		07/15/25 2044	07/16/25 0919	CLW

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Microbac Laboratories, Inc., Lee

CERTIFICATE OF ANALYSIS

E5G0203

Client Sample ID: Laurel-D
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-09

Collected By: Shannon Poulin
Collection Date: 06/24/2025 19:30

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	0.0106		0.0106	mg/L		07/15/25 2044	07/16/25 0920	CLW

Client Sample ID: Otis- Marina
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-10

Collected By: Shannon Poulin
Collection Date: 06/25/2025 18:30

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	<0.0106		0.0106	mg/L		07/15/25 2044	07/16/25 0920	CLW

Client Sample ID: Otis- D
Sample Matrix: Aqueous
Lab Sample ID: E5G0203-11

Collected By: Shannon Poulin
Collection Date: 06/25/2025 18:14

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus as P	<0.0106		0.0106	mg/L		07/15/25 2044	07/16/25 0921	CLW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

H: Sample was analyzed past holding time.
mg/L: Milligrams per Liter
RL: Reporting Limit

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 6.7°C



Microbac Laboratories, Inc., Lee

CERTIFICATE OF ANALYSIS

E5G0203

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
M-CT008

Massachusetts Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Christine F. Reynolds
Service Center Manager
Reported: 07/16/2025 11:41



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E 5 G 0 2 0 3

LAPA West

Lab Report Address

Client Name: LAPA West

Address: lhaug@verizon.net

City, State, Zip:

Contact: Lee Haug

Telephone No.: 413-442-6091

Send Report via: ☒ Mail ☐ Fax ☒ e-mail (address)

Project: LAPA West Lakes

Sampled by (PRINT): Shannon Povlin

Invoice Address

Client Name: LAPA West

Address: lhaug@verizon.net

City, State, Zip:

Contact:

Telephone No.:

Location:

Sampler Signature:

PO No.:

☐ RUSH* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDDSend Invoice via: ☒ Mail ☐ Fax ☒ e-mail (address)Compliance Monitoring? ☒ Yes ☐ No
☐ Agency/Program

Sampler Phone No.: 413 717 1087

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	TP	Additional Notes
	CAPA-GARF-1S	6/16/25	4:45pm	1			H ₂ SO ₄		
	GARF-D	6/16/25	4:30pm	1			H ₂ SO ₄		
	Buel-S	6/16/25	5:10pm	1					
	Buel-40	6/16/25	5:20pm	1					
	Pont-20	6/17/25	5:03pm	1					
	Cheshire-shadow	6/23/25	3:19pm	1					
	Cheshire-D	6/23/25	3:10pm	1					
	Laurel-S	6/24/25	7:41pm	1					
	Laurel-D	6/24/25	7:30pm	1					
	Otis-Marina	6/25/25	6:30pm	1					

Possible Hazard Identification ☒ Hazardous ☐ Non-Hazardous ☐ Radioactive

Comments

Relinquished By (signature) *[Signature]* Date/Time 7/8/25 8:49

Relinquished By (signature) Date/Time

Relinquished By (signature) Date/Time

Received By (signature) *[Signature]* Date/Time 7/8/25 8:49

Received By (signature) Date/Time

Received By (signature) Date/Time

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)

Therm ID

Holding Time

Samples Received on Ice? ☐ Yes ☐ No ☐ N/ACustody Seals Intact? ☐ Yes ☐ No ☐ N/A

6.7



E 5 G 0 2 0 3

LAPA West

CHAIN OF CUSTODY RECORD

Number
Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 6.7
Therm ID

Holding Time

Samples Received on Ice? ☐ Yes ☐ No ☐ N/A

Custody Seals Intact? ☐ Yes ☐ No ☐ N/A

Lab Report Address

Client Name: LAPA West

Address: lhauge@verizon.net

City, State, Zip:

Contact: Lee Hauge

Telephone No.: 413 442 0691

Send Report via: ☒ Mail ☐ Fax ☒ e-mail (address)

Project: LAPA West Lakes

Sampled by (PRINT): Shannon Poulin

Invoice Address

Client Name: LAPA West

Address: lhauge@verizon.net

City, State, Zip:

Contact:

Telephone No.:

☐ RUSH* (notify lab)

☐ RUSH* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Invoice via: ☒ Mail ☐ Fax ☒ e-mail (address)

PO No.:

Compliance Monitoring? ☒ Yes ☐ No

☐ Agency/Program

Sampler Phone No.: 413 717 1087

Location:

Sampler Signature: [Signature]

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	Ons - D	6/25/25	6:44pm	1		✓	H ₂ SO ₄ TP ✓	

PRESERVATIVE VERIFIED
Initials ILK

Possible Hazard Identification
Comments

☒ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition

☒ Dispose as appropriate ☐ Return ☐ Archive

Relinquished By (signature)

Relinquished By (signature)

Relinquished By (signature)

Date/Time

Date/Time

Date/Time

Received By (signature)

Received By (signature)

Received By (signature)

Date/Time

Date/Time

Date/Time