

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103


ANALYTICAL DATA REPORT

prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E606524
Project: Webster Lake

Received Date: 06/06/2016
Report Date: 07/22/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



101-000000506056

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E606524
Client: Webster Lake Association
Project: Webster Lake

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received 15 samples from Webster Lake Association on 06/06/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Chlorophyll A by SM-18-10200H
SM-18-10200H

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.

Analytical Data Report

Report No: E606524
Date Received: 06/06/2016 14:55

Customer: Webster Lake Association
Project: Webster Lake

| Parameter | Result | DL | Units | Completed | By | Dilution |
|---|------------------------|-------|-------|------------------|-----|----------|
| (1) S1 Surface | | | | | | |
| Date Collected: 06/05/2016 10:51 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | 0.014 | 0.010 | mg/L | 06/07/2016 09:51 | JSM | |
| (2) S1 Bottom | | | | | | |
| Date Collected: 06/05/2016 11:15 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | 0.015 | 0.010 | mg/L | 06/07/2016 09:52 | JSM | |
| (3) QCS1 Surface | | | | | | |
| Date Collected: 06/05/2016 10:52 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | 0.013 | 0.010 | mg/L | 06/07/2016 09:53 | JSM | |
| (4) QCS1 Bottom | | | | | | |
| Date Collected: 06/05/2016 11:01 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | 0.015 | 0.010 | mg/L | 06/07/2016 09:53 | JSM | |
| (5) S1 Chlorophyll | | | | | | |
| Date Collected: 06/05/2016 10:51 | Matrix: Aqueous | | | | | |
| Chlorophyll A | 12.8 | | mg/m3 | 07/21/2016 | SUB | |
| (6) M1 Surface | | | | | | |
| Date Collected: 06/05/2016 11:26 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | 0.011 | 0.010 | mg/L | 06/07/2016 09:53 | JSM | |
| (7) M1 Thermocline | | | | | | |
| Date Collected: 06/05/2016 11:40 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:55 | JSM | |
| (8) M1 Bottom | | | | | | |
| Date Collected: 06/05/2016 11:31 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:55 | JSM | |
| (9) M1 Chlorophyll | | | | | | |
| Date Collected: 06/05/2016 11:26 | Matrix: Aqueous | | | | | |
| Chlorophyll A | 2.4 | | mg/m3 | 07/21/2016 | SUB | |
| (10) N1 Surface | | | | | | |
| Date Collected: 06/05/2016 12:10 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:56 | JSM | |
| (11) N1 Bottom | | | | | | |
| Date Collected: 06/05/2016 12:35 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:57 | JSM | |
| (12) N1 Chlorophyll | | | | | | |
| Date Collected: 06/05/2016 12:10 | Matrix: Aqueous | | | | | |
| Chlorophyll A | 19.9 | | mg/m3 | 07/21/2016 | SUB | |

Microbac Laboratories, Inc.

Analytical Data Report

Report No: E606524
Date Received: 06/06/2016 14:55

Customer: Webster Lake Association
Project: Webster Lake

| <u>Parameter</u> | <u>Result</u> | <u>DL</u> | <u>Units</u> | <u>Completed</u> | <u>By</u> | <u>Dilution</u> |
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|

(13) SB 16

Date Collected: 06/05/2016 14:32 **Matrix: Aqueous**

| | | | | | | |
|--------------------------|----|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:58 | JSM | |
|--------------------------|----|-------|------|------------------|-----|--|

(14) BB 18

Date Collected: 06/05/2016 13:05 **Matrix: Aqueous**

| | | | | | | |
|--------------------------|----|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:58 | JSM | |
|--------------------------|----|-------|------|------------------|-----|--|

(15) QC MB 17

Date Collected: 06/05/2016 14:18 **Matrix: Aqueous**

| | | | | | | |
|--------------------------|----|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 06/07/2016 09:59 | JSM | |
|--------------------------|----|-------|------|------------------|-----|--|



Report To: **Attn: Data Reporting**
MICROBAC LABORATORY INC.
61 Louisa Viens Dr
Dayville CT 06241

EMAIL ADDRESS: datareporting@premierlaboratory.com

Report Date: 7/22/2016

Date Received: 6/07/2016 11:14

Report #: N1666222

Project ID#: E606524 (3 ea, see below)

| | | | | |
|---------------------------|--|-------------------|---------------|--|
| <u>Date Sampled:</u> | 6/05/2016 10:51 | | | |
| <u>Sample Description</u> | Grab Surface Water #E606524 -5 Webster Lake (Mass.) | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1666222 - 01 | 12.8 | mg/m ³ | SM-18-10200H | extracted: 6/14/2016; tested: 7/21/2016 |


| | | | | |
|---------------------------|--|-------------------|---------------|--|
| <u>Date Sampled:</u> | 6/05/2016 11:26 | | | |
| <u>Sample Description</u> | Grab Surface Water #E606524 -9 Webster Lake (Mass.) | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1666222 - 02 | 2.4 | mg/m ³ | SM-18-10200H | extracted: 6/14/2016; tested: 7/21/2016 |

| | | | | |
|---------------------------|---|-------------------|---------------|--|
| <u>Date Sampled:</u> | 6/05/2016 12:10 | | | |
| <u>Sample Description</u> | Grab Surface Water #E606524 -12 Webster Lake (Mass.) | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1666222 - 03 | 19.9 | mg/m ³ | SM-18-10200H | extracted: 6/14/2016; tested: 7/21/2016 |

mg/m³ = milligrams per cubic meters

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 6/07/2016


 Approved by: Alan C. Johnson, Laboratory Director



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody
www.microbac.com
800-334-0103

Lab WO #: EG0005241 page 1 of 3
Project Manager: GLORIA RICKER

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOC. WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
DELIVERY: C/O GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 978-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOC. WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113, 508-943-0207
E-MAIL: ARICKER9113@CHARTER.NET
PURCHASE ORDER #:

Project Information

Project: WEBSTER LAKE
Location: WEBSTER, MA. 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113, 508-943-0207
FAX:

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

Sample Identification

| Sample Matrix | Date Collected | Time Collected | Sample Type | | Bottle Qty | Analysis | Preservatives | | | | | | | |
|-----------------------|-----------------|----------------|-------------|------|------------|-------------|---------------|-----|------|-------|-------|--|--|---|
| | | | Composite | Grab | | | NON-PRES | HCL | HNO3 | H2SO4 | OTHER | | | |
| <u>S1 SURFACE</u> | <u>6/5/2016</u> | <u>10:57</u> | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>S1 THERMOCLINE</u> | <u>6/5/2016</u> | <u>11:15</u> | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>S1 BOTTOM</u> | <u>6/5/2016</u> | <u>10:52</u> | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>QCS1 SURFACE</u> | <u>6/5/2016</u> | <u>11:01</u> | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>QCS1 BOTTOM</u> | <u>6/5/2016</u> | <u>10:51</u> | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>S1 CHLOROPHYLL</u> | <u>6/5/2016</u> | <u>11:26</u> | X | X | 1 | CHLOROPHYLL | | | | | | | | X |
| <u>M1 SURFACE</u> | <u>6/5/2016</u> | <u>11:40</u> | X | X | 1 | TOTAL P | | | | | | | | |
| <u>M1 THERMOCLINE</u> | <u>6/5/2016</u> | <u>11:31</u> | X | X | 1 | TOTAL P | | | | | | | | |

CUSTODY TRANSFER

| SAMPLER: | DATE | TIME |
|---|-----------------|----------------|
| <u>KEVIN JOHNSON</u> | <u>6/5/2016</u> | <u>10:51</u> |
| <u>RECEIVED: 6/5/2016 Gloria Ricker</u> | <u>6/5/2016</u> | <u>8:15 PM</u> |
| <u>RELINQUISHED: GLORIA RICKER</u> | <u>6/6/2016</u> | <u>13:33</u> |
| <u>RECEIVED: [Signature]</u> | <u>6/6/16</u> | <u>14:55</u> |
| <u>RELINQUISHED: [Signature]</u> | <u>6/6/16</u> | <u>14:55</u> |
| <u>RECEIVED: [Signature]</u> | <u>6/10/16</u> | <u>14:55</u> |

TURNAROUND TIME REQUESTED (select): Standard RUSH ___ Day

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS: WEBSTER LAKE SAMPLES

PRESERVATIVE VERIFIED Initials [Signature]

CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED AMBIENT RUSH UPON RECEIPT AT LAB



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody
www.microbac.com
800-334-0103

Lab WO #: F606524
Project Manager:

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOC. WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
DELIVERY: C/O GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOC. WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113, 508-561-0307
E-MAIL: ARICKER9113@CHARTER.NET
PURCHASE ORDER #:

Project Information

Project: WEBSTER LAKE
Location: WEBSTER, MA. 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113, 508-561-0307
FAX:

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

Sample Identification

| Sample Matrix | Date Collected | Time Collected | Sample Type | | Bottle Qty | Analysis | Preservatives | | | | | | |
|-----------------|----------------|----------------|-------------|------|------------|-------------|---------------|-----|------------------|--------------------------------|-------|--|--|
| | | | Composite | Grab | | | NON-PRES | HCL | HNO ₃ | H ₂ SO ₄ | OTHER | | |
| M1 CHLOROPHYLL | 9/5/2016 | 11:06 | X | | 1 | CHLOROPHYLL | X | | | | | | |
| N1 SURFACE | 9/5/2016 | 12:10 pm | X | | 1 | TOTAL P | | | X | | | | |
| N1 FURTHER DOWN | 9/5/2016 | 12:35 pm | X | | 1 | TOTAL P | | | X | | | | |
| M1 CHLOROPHYLL | 9/5/2016 | 12:10 | X | | 1 | CHLOROPHYLL | X | | | | | | |

CUSTODY TRANSFER

| SAMPLER: | RECEIVED: | RELINQUISHED: | RECEIVED: | RELINQUISHED: | RECEIVED: | DATE | TIME |
|----------------|---------------|---------------|-----------|---------------|-----------|----------|---------|
| KEVIN JOHANSON | GLORIA RICKER | GLORIA RICKER | | | | 9/5/2016 | 11:26 |
| | | | | | | 9/5/2016 | 2:15 pm |
| | | | | | | 6/6/2016 | 13:33 |
| | | | | | | 6-6-16 | 14:55 |
| | | | | | | 6/6/16 | 14:55 |

TURNAROUND TIME REQUESTED (select): Standard RUSH Day

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS: WEBSTER LAKE SAMPLES

CONDITIONS UPON RECEIPT: (CHECK ONE)
 COOLED AMBIENT RUSH
 PRESERVATIVE VERIFIED Initials: [Signature]
 °C Upon receipt at lab: 44



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody
www.microbac.com
800-334-0103

Lab WO #: EG06 524

Project Manager: Gloria Ricker

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOC. LLC
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
DELIVERY: c/o Gloria Ricker
E-MAIL: ARICKER913@CHARTER.NET
PHONE: 508-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOCIATION
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113, 508-561-0207
E-MAIL: ARICKER913@CHARTER.NET

Project Information

Project: WEBSTER STREAMS
Location: WEBSTER, MA 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER913@CHARTER.NET
PHONE: 508-943-9113, 508-561-0207
FAX:

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL

PURCHASE ORDER #:

| Sample Identification | Date Collected | Time Collected | Sample Matrix | Sample Type | | Bottle Qty | Analysis | Preservatives | | | | | | | |
|-----------------------|----------------|--------------------------------|---------------|-------------|------|------------|----------|---------------|-----|------------------|--------------------------------|-------|--|--|--|
| | | | | Composite | Grab | | | NON-PRES | HCL | HNO ₃ | H ₂ SO ₄ | OTHER | | | |
| <u>SB 16</u> | | <u>2:32pm</u> <u>1:15pm</u> | | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>MB 17</u> | | | | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>BB 18</u> | | <u>1:05pm</u> | | X | X | 1 | TOTAL P | | | | | X | | | |
| <u>QC MB 17</u> | | <u>2:18pm</u> | | X | X | 1 | TOTAL P | | | | | X | | | |

CUSTODY TRANSFER

| SAMPLER: | RECEIVED: | RELINQUISHED: | RECEIVED: | RELINQUISHED: | RECEIVED: |
|--------------------|----------------------|----------------------|-----------------------|-----------------------|----------------------|
| <u>TAMMY NIGRO</u> | <u>GLORIA RICKER</u> | <u>GLORIA RICKER</u> | <u>[Signature]</u> | <u>[Signature]</u> | <u>[Signature]</u> |
| | | | <u>6/5/06 1:05 pm</u> | <u>6/5/06 2:45 pm</u> | <u>6/6/06 13:33</u> |
| | | | | | <u>6-6-16 14:55</u> |
| | | | | | <u>6/16/16 14:55</u> |

TURNAROUND TIME REQUESTED (select): Standard RUSH ___ Day

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS: STREAM SAMPLES ANALYZE FOR TOTAL P

CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED AMBIENT 4.4 °C Upon receipt at lab

PRESERVATIVE VERIFIED Initials [Signature]

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E608930
Project: Webster Lake

Received Date: 08/08/2016
Report Date: 09/19/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



101-000000514875

Report No: E608930
Client: Webster Lake Association
Project: Webster Lake

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received two samples from Webster Lake Association on 08/08/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Chlorophyll A by SM-18-10200H
SM-18-10200H

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.

Analytical Data Report

Report No: E608930
Date Received: 08/08/2016 16:05

Customer: Webster Lake Association
Project: Webster Lake

| <u>Parameter</u> | <u>Result</u> | <u>DL</u> | <u>Units</u> | <u>Completed</u> | <u>By</u> | <u>Dilution</u> |
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|

(1) M1 Chlorophyll

Date Collected: 08/07/2016 11:29

Matrix: Aqueous

| | | | | | | |
|---------------|------|--|-------|------------|-----|--|
| Chlorophyll A | 0.53 | | mg/m3 | 09/15/2016 | SUB | |
|---------------|------|--|-------|------------|-----|--|

(2) N1 Thermocline

Date Collected: 08/07/2016 19:37

Matrix: Aqueous

| | | | | | | |
|--------------------------|-------|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | 0.016 | 0.010 | mg/L | 08/09/2016 08:52 | JSM | |
|--------------------------|-------|-------|------|------------------|-----|--|



Report To: **Attn: Data Reporting**

MICROBAC LABORATORY INC.
61 Louisa Viens Dr
Dayville CT 06241

EMAIL ADDRESS: **datareporting@premierlaboratory.com**

Report Date: 9/16/2016

Date Received: 8/09/2016 08:33

Report #: N1666901

Project ID#: E608930 (1 ea, see below)


** Report Update: 9/19/2016 (see comments / corrected 'date received')*

| | | | | |
|---------------------------|--|-------------------|---------------|--|
| <u>Date Sampled:</u> | 8/07/2016 11:29 | | | |
| <u>Sample Description</u> | # ML = Grab Surface Water #E608930 -1 == Webster Lake (Mass.) | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1666901 - 03 | 0.53 | mg/m ³ | SM-18-10200H | extracted: 8/10/2016; tested: 9/15/2016 |

mg/m³ = milligrams per cubic meters

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 8/09/2016 *


 Approved by: Alan C. Johnson, Laboratory Director

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103


ANALYTICAL DATA REPORT

prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E608931
Project: Surface Water

Received Date: 08/08/2016
Report Date: 08/09/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



101-000000514876

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E608931
Client: Webster Lake Association
Project: Surface Water

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received two samples from Webster Lake Association on 08/08/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.
Analytical Data Report

Report No: E608931
Date Received: 08/08/2016 16:05

Customer: Webster Lake Association
Project: Surface Water

| <u>Parameter</u> | <u>Result</u> | <u>DL</u> | <u>Units</u> | <u>Completed</u> | <u>By</u> | <u>Dilution</u> |
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|

(1) SB16

Date Collected: 08/07/2016 14:39 **Matrix: Aqueous**

| | | | | | | |
|--------------------------|----|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 08/09/2016 08:52 | JSM | |
|--------------------------|----|-------|------|------------------|-----|--|

(2) MB17

Date Collected: 08/07/2016 14:22 **Matrix: Aqueous**

| | | | | | | |
|--------------------------|----|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 08/09/2016 08:53 | JSM | |
|--------------------------|----|-------|------|------------------|-----|--|



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody
www.microbac.com
800-334-0103

Lab WO #: MM 60893

Project Manager: GLORIA RICKER

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOC. INLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA 01570
DELIVERY: c/o GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOCIATION
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113 508-561-0270
E-MAIL: ARICKER9113@CHARTER.NET
PURCHASE ORDER #:

Project Information

Project: WEBSTER STREAMS
Location: WEBSTER, MA 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 508-561-0207
FAX:

| Sample Identification | Date Collected | Time Collected | Sample Matrix | Sample Type | | Bottle Qty | Analysis | Preservatives | | | | | | | | |
|-----------------------|----------------|----------------|---------------|-------------|------|------------|----------|---------------|-----|------------------|--------------------------------|-------|--|--|--|--|
| | | | | Composite | Grab | | | NON-PRES | HCL | HNO ₃ | H ₂ SO ₄ | OTHER | | | | |
| S16 | 8/7/2016 | 2:39 PM | | X | | 1 | | | | | X | | | | | |
| M17 | 8/7/2016 | 2:22 PM | | X | | 1 | | | | | X | | | | | |
| BB18 | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |

PRESERVATIVE VERIFIED
DATE: 8/17/16
INITIALS: [Signature]

| CUSTODY TRANSFER | | DATE | TIME | TURNAROUND TIME REQUESTED (select): | RUSH | Day |
|------------------|---------------|----------|-------|---|-------------------------------------|------------------------|
| SAMPLER: | | 8/7/2016 | | Standard | | |
| RECEIVED: | GLORIA RICKER | 8/7/2016 | 10:58 | EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE | | |
| RELINQUISHED: | GLORIA RICKER | 8/8/2016 | 10:58 | Circle Delivery Method: <u>E-MAIL</u> HARD COPY OTHER | | |
| RECEIVED: | [Signature] | 8-8-16 | 10:58 | COMMENTS: <u>STREAM SAMPLES</u> | | |
| RELINQUISHED: | [Signature] | 8-6-16 | 16:05 | TOTAL P | | |
| RECEIVED: | Michael Noble | 8/11/16 | 16:05 | CONDITIONS UPON RECEIPT: (CHECK ONE) | | |
| | | | | COOLED | <input checked="" type="checkbox"/> | AMBIENT |
| | | | | | <input type="checkbox"/> | °C Upon receipt at lab |

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E608933
Project: Webster Lake

Received Date: 08/08/2016
Report Date: 09/20/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



101-000000514878

Report No: E608933
Client: Webster Lake Association
Project: Webster Lake

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received 10 samples from Webster Lake Association on 08/08/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Chlorophyll A by SM-18-10200H
SM-18-10200H

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

**Non-Conformances:
Work Order:**

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.

Analytical Data Report

Report No: E608933
 Date Received: 08/08/2016 16:05

Customer: Webster Lake Association
 Project: Webster Lake

| Parameter | Result | DL | Units | Completed | By | Dilution |
|---|--------|------------------------|-------|------------------|-----|----------|
| (1) S1 Surface | | | | | | |
| Date Collected: 08/07/2016 10:59 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 08/09/2016 08:58 | JSM | |
| (2) S1 Thermocline | | | | | | |
| Date Collected: 08/07/2016 19:01 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | 0.016 | 0.010 | mg/L | 08/09/2016 09:00 | JSM | |
| (3) S1 Bottom | | | | | | |
| Date Collected: 08/07/2016 11:09 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | 0.024 | 0.010 | mg/L | 08/09/2016 09:01 | JSM | |
| (4) S1 Chlorophyll | | | | | | |
| Date Collected: 08/07/2016 10:59 | | Matrix: Aqueous | | | | |
| Chlorophyll A | 7.2 | | mg/m3 | 09/15/2016 | | SUB |
| (5) M1 Surface | | | | | | |
| Date Collected: 08/07/2016 11:23 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | 0.028 | 0.010 | mg/L | 08/09/2016 09:02 | JSM | |
| (6) M1 Thermocline | | | | | | |
| Date Collected: 08/07/2016 19:45 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | 0.012 | 0.010 | mg/L | 08/09/2016 09:02 | JSM | |
| (7) M1 Bottom | | | | | | |
| Date Collected: 08/07/2016 11:34 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | 0.021 | 0.010 | mg/L | 08/09/2016 09:04 | JSM | |
| (8) N1 Surface | | | | | | |
| Date Collected: 08/07/2016 12:01 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 08/09/2016 09:05 | JSM | |
| (9) N1 Bottom | | | | | | |
| Date Collected: 08/07/2016 12:05 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 08/09/2016 09:05 | JSM | |
| (10) N1 Chlorophyll | | | | | | |
| Date Collected: 08/07/2016 12:02 | | Matrix: Aqueous | | | | |
| Chlorophyll A | 2.4 | | mg/m3 | 09/15/2016 | | SUB |



Report To: **Attn: Data Reporting**

MICROBAC LABORATORY INC.
61 Louisa Viens Dr
Dayville CT 06241

EMAIL ADDRESS: **datareporting@premierlaboratory.com**

Report Date: 9/16/2016 *

Date Received: 8/09/2016 08:33

Report #: N1666901

Project ID#: E608933 (2 ea, see below)

* Report Update: 9/19/2016 (see comments / corrected 'date received')


| | | | | |
|---------------------------|---|-------------------|---------------|--|
| <u>Date Sampled:</u> | 8/07/2016 10:59 | | | |
| <u>Sample Description</u> | # S1 = Grab Surface Water #E608933 - 4 == Webster Lake (Mass.) | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1666901 - 01 | 7.2 | mg/m ³ | SM-18-10200H | extracted: 8/10/2016; tested: 9/15/2016 |

| | | | | |
|---------------------------|---|-------------------|---------------|--|
| <u>Date Sampled:</u> | 8/07/2016 12:02 | | | |
| <u>Sample Description</u> | # N1 = Grab Surface Water #E608933 - 10== Webster Lake (Mass.) | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1666901 - 02 | 2.4 | mg/m ³ | SM-18-10200H | extracted: 8/10/2016; tested: 9/15/2016 |

mg/m³ = milligrams per cubic meters

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 8/09/2016 *

Approved by: 
Alan C. Johnson, Laboratory Director



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody

www.microbac.com
800-334-0103

page _____ of _____

Lab WO #: 608933

Project Manager: GLORIA RICKER

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOC WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA 01570
DELIVERY: C/O GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX: _____

Billing Information

BILL TO: WEBSTER LAKE ASSOC WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER MA 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113, 508-561-0207
E-MAIL: ARICKER9113@CHARTER.NET

Project Information

Project: WEBSTER LAKE
Location: WEBSTER, MA 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113, 508-561-0207
FAX: _____

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

PURCHASE ORDER #:

| Sample Identification SCANNED | Date Collected | Time Collected | Sample Matrix | Composite | Sample Type | Bottle Qty | Analysis | Preservatives | | | | | | | | | |
|----------------------------------|----------------|----------------|---------------|-----------|-------------|------------|-------------|---------------|-----|------------------|--------------------------------|-------|--|--|--|--|--|
| | | | | | | | | NON-PRES | HCl | HNO ₃ | H ₂ SO ₄ | OTHER | | | | | |
| S1 SURFACE | 8/7/2016 | 10:59 AM | | | X | 1 | TOTAL P | | | | | | | | | | |
| S1 THERMOCLINE | 8/7/2016 | 7:01 PM | | | X | 1 | TOTAL P | | | | | | | | | | |
| S1 BOTTOM | 8/7/2016 | 11:09 AM | | | X | 1 | TOTAL P | | | | | | | | | | |
| S1 CHLOROPHYLL | 8/7/2016 | 10:59 AM | | | X | 1 | CHLOROPHYLL | | | | | | | | | | |
| M1 SURFACE | 8/7/2016 | 11:23 AM | | | X | 1 | TOTAL P | | | | | | | | | | |
| M1 THERMOCLINE | 8/7/2016 | 7:04 PM | 7:45 PM | | X | 1 | TOTAL P | | | | | | | | | | |
| M1 BOTTOM | 8/7/2016 | 11:34 AM | | | X | 1 | TOTAL P | | | | | | | | | | |
| M1 SURFACE | 8/7/2016 | 12:08 PM | | | X | 1 | TOTAL P | | | | | | | | | | |
| M1 BOTTOM | 8/7/2016 | 12:05 PM | | | X | 1 | TOTAL P | | | | | | | | | | |
| M1 CHLOROPHYLL | 8/7/2016 | 12:03 PM | | | X | 1 | CHLOROPHYLL | | | | | | | | | | |

PRESERVATIVE VERIFIED SMU

CUSTODY TRANSFER

| SAMPLER: | RECEIVED: | RELINQUISHED: | RECEIVED: | RELINQUISHED: | RECEIVED: | DATE | TIME | TURNAROUND TIME REQUESTED (select): | RUSH | Day |
|-------------|---------------|---------------|--------------------|--------------------|---------------|----------|-------|-------------------------------------|------|-----|
| GREG BURNER | GLORIA RICKER | GLORIA RICKER | <i>[Signature]</i> | <i>[Signature]</i> | Michael Noble | 8/7/2016 | 10:58 | Standard | | |
| | | | | | | 8/7/2016 | 10:58 | E-MAIL | | |
| | | | | | | 8/8/2016 | 10:05 | | | |
| | | | | | | 8-8-16 | 10:58 | | | |
| | | | | | | 8-8-16 | 10:05 | | | |
| | | | | | | 8/8/16 | 10:05 | | | |

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS:

WEBSTER LAKE SAMPLES
TOTAL P + CHLOROPHYLL
CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED AMBIENT °C Upon receipt at lab

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E609S55
Project: Webster Lake

Received Date: 09/26/2016
Report Date: 10/24/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



Report No: E609S55
Client: Webster Lake Association
Project: Webster Lake

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received three samples from Webster Lake Association on 09/26/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Chlorophyll A by SM-18-10200H
SM-18-10200H

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.

Analytical Data Report

Report No: E609S55
 Date Received: 09/26/2016 14:30

Customer: Webster Lake Association
 Project: Webster Lake

| <u>Parameter</u> | <u>Result</u> | <u>DL</u> | <u>Units</u> | <u>Completed</u> | <u>By</u> | <u>Dilution</u> |
|---|---------------|------------------------|--------------|------------------|-----------|-----------------|
| (1) N1 Surface | | | | | | |
| Date Collected: 09/25/2016 12:45 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 09/27/2016 10:05 | CLW | |
| (2) N1 Bottom | | | | | | |
| Date Collected: 09/25/2016 12:51 | | Matrix: Aqueous | | | | |
| Phosphorus as P by 365.1 | 0.012 | 0.010 | mg/L | 09/27/2016 10:05 | CLW | |
| (3) N1 Chlorophyll | | | | | | |
| Date Collected: 09/25/2016 12:46 | | Matrix: Aqueous | | | | |
| Chlorophyll A | 0.27 | | mg/m3 | 10/21/2016 | SUB | |



Report To: **Attn: Data Reporting**

MICROBAC LABORATORY INC.

61 Louisa Viens Dr
Dayville CT 06241


EMAIL ADDRESS: **datareporting@premierlaboratory.com**

| | | | | |
|---|--|-------------------|---------------|--|
| <u>Report Date:</u> 10/21/2016 | <u>Date Received:</u> 9/28/2016 10:03 | | | |
| <u>Report #:</u> N1667466 - 01 | <u>Project ID#:</u> E609S55 - MA DEP | | | |
| <u>Date Sampled:</u> 9/25/2016 12:46 | | | | |
| <u>Sample Description</u> Grab Surface Water #E609S55 -3 == #N1 Webster Lake (Mass.) | | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1667466 - 01 | 0.27 | mg/m ³ | SM-18-10200H | extracted: 10/09/2016; tested: 10/21/2016 |

mg/m³ = milligrams per cubic meters

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 9/28/2016

Approved by: 
Alan C. Johnson, Laboratory Director



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody

www.microbac.com
800-334-0103

page 2 of 3

Lab WO #: E609555

Project Manager: Gloria Ricker YMW

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOCIATION WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
DELIVERY: c/o Gloria Ricker
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOCIATION WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113
E-MAIL: ARICKER9113@CHARTER.NET
PURCHASE ORDER #:

Project Information

Project: WEBSTER LAKE
Location: WEBSTER, MA. 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX:

Sample Identification

| Sample Matrix | Date Collected | Time Collected | Bottle Qty | Grab | Composite | Analysis | Preservatives | | | | | | | |
|---------------------------|--------------------|----------------|--------------|--------------|-----------|--------------------|---------------|-----|------------------|--------------------------------|-------|--|--|--|
| | | | | | | | NON-PRES | HCL | HNO ₃ | H ₂ SO ₄ | OTHER | | | |
| NI SURFACE | 9/25/06 | 12:45 PM | 1 | X | | TOTAL P | | | | X | | | | |
| NI THEZMOCLINE | 9/25/06 | | 1 | X | | TOTAL P | | | | X | | | | |
| NI BOTTOM | 9/25/06 | 12:51 PM | 1 | X | | TOTAL P | | | | X | | | | |
| NI CHLOROPHYLL | 9/25/06 | 12:46 PM | 1 | X | | CHLOROPHYLL | | | | X | | | | |

PRESERVATIVE VERIFIED

CUSTODY TRANSFER

| SAMPLER: | DATE | TIME | TURNAROUND TIME REQUESTED (select): | RUSH | Day |
|-----------------------------|---------|---------|---|-----------|------------------------|
| KEVIN JOHNSON | 9/25/06 | 1:00 PM | Standard | | |
| RECEIVED: GLORIA RICKER | 9/25/06 | 1:15 PM | EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE | | |
| RELINQUISHED: GLORIA RICKER | 9/26/06 | 12:23 | Circle Delivery Method: E-MAIL | HARD COPY | OTHER |
| RECEIVED: [Signature] | 9/26/06 | 12:23 | COMMENTS: SAMPLES FROM WEBSTER LAKE, TEST FOR TOTAL P + CHLOROPHYLL | | |
| RELINQUISHED: [Signature] | 9/26/06 | 14:30 | CONDITIONS UPON RECEIPT: (CHECK ONE) | | |
| RECEIVED: [Signature] | 9/26/06 | 14:30 | COOLED <input checked="" type="checkbox"/> AMBIENT <input type="checkbox"/> | | °C Upon receipt at lab |

ANALYTICAL DATA REPORT

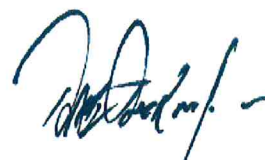
prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E609S53
Project: Surface Water

Received Date: 09/26/2016

Report Date: 09/27/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



101-000000522164

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E609S53
Client: Webster Lake Association
Project: Surface Water

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received one sample from Webster Lake Association on 09/26/2016. The sample was analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.
Analytical Data Report

Report No: E609S53
Date Received: 09/26/2016 14:30

Customer: Webster Lake Association
Project: Surface Water

| <u>Parameter</u> | <u>Result</u> | <u>DL</u> | <u>Units</u> | <u>Completed</u> | <u>By</u> | <u>Dilution</u> |
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|
|------------------|---------------|-----------|--------------|------------------|-----------|-----------------|

(1) SB16

Date Collected: 09/25/2016 14:20

Matrix: Aqueous

| | | | | | | |
|--------------------------|----|-------|------|------------------|-----|--|
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 09/27/2016 09:48 | CLW | |
|--------------------------|----|-------|------|------------------|-----|--|



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody

www.microbac.com
800-334-0103

page 1 of 3

Lab WO #: FE609553

Project Manager: Gloria Ricker HRP

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOCIATION ULLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA 01570
DELIVERY: c/o GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOCIATION ULLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113, 508-561-0807
E-MAIL: ARICKER9113@CHARTER.NET

Project Information

Project: WEBSTER STREAMS
Location: WEBSTER, MASS
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113, 508-561-0807
FAX:

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

PURCHASE ORDER #:

| Sample Identification | Date Collected | Time Collected | Sample Matrix | Sample Type | | Bottle Qty | Analysis | Preservatives | | | | | | | | | |
|-----------------------|----------------|----------------|---------------|-------------|------|------------|--------------------|---------------|-----|------------------|--------------------------------|-------|--|--|--|--|--|
| | | | | Composite | Grab | | | NON-PRES | HCL | HNO ₃ | H ₂ SO ₄ | OTHER | | | | | |
| SB16 | 9/25/2016 | 2:20 PM | | X | | 1 | TOTAL P | | | | | | | | | | |
| MB17 | 9/25/2016 | | | X | | 1 | TOTAL P | | | | | | | | | | |
| BB18 | 9/25/2016 | | | X | | 1 | TOTAL P | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

PRESERVATIVE VERIFIED
INITIALS

CUSTODY TRANSFER

| SAMPLER: | RECEIVED: | RELINQUISHED: | RECEIVED: | RELINQUISHED: | RECEIVED: | DATE | TIME | TURNAROUND TIME REQUESTED (select): | RUSH | Day |
|-------------|---------------|---------------|-----------|---------------|-----------|-----------|---------|-------------------------------------|------|-----|
| TAMMY NIGRO | GLORIA RICKER | GLORIA RICKER | | | | 9/25/2016 | 2:20 PM | Standard | | |
| | | | | | | 9/25/2016 | 2:30 PM | E-MAIL | | |
| | | | | | | 9/26/2016 | 12:23 | | | |
| | | | | | | 9/26/16 | 12:23 | | | |
| | | | | | | 9/26/16 | 14:30 | | | |
| | | | | | | 9/26/16 | 14:30 | | | |

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS: STREAMS SAMPLES ANALYZE FOR TOTAL P

CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED AMBIENT 1.50 °C Upon receipt at lab

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Webster Lake Association
16 Fairfield Street
Webster, MA 01570
Gloria Ricker

Report Number: E609S54
Project: Webster Lake

Received Date: 09/26/2016
Report Date: 10/24/2016



David Dickinson
Technical Director



CT DPH #PH-0465
ME DHHS #CT0050
VA #460279

EPA #CT00008
NH ELAP #2020
VT DOH #VT11549

KY EEC #90151
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

MD #349
RI DOH #LAO00346

TN #04903



101-000000522166

Report No: E609S54

Client: Webster Lake Association

Project: Webster Lake

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received six samples from Webster Lake Association on 09/26/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Chlorophyll A by SM-18-10200H
SM-18-10200H

Phosphorus, Total as P by 365.1 in DW/WW
365.1[365.1]

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Microbac Laboratories, Inc.

Analytical Data Report

Report No: E609S54
 Date Received: 09/26/2016 14:30

Customer: Webster Lake Association
 Project: Webster Lake

| <u>Parameter</u> | <u>Result</u> | <u>DL</u> | <u>Units</u> | <u>Completed</u> | <u>By</u> | <u>Dilution</u> |
|---|------------------------|-----------|--------------|------------------|-----------|-----------------|
| (1) S1 Surface | | | | | | |
| Date Collected: 09/25/2016 11:17 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 09/27/2016 09:50 | CLW | |
| (2) S1 Bottom | | | | | | |
| Date Collected: 09/25/2016 11:43 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 09/27/2016 09:58 | CLW | |
| (3) S1 Chlorophyll | | | | | | |
| Date Collected: 09/25/2016 11:15 | Matrix: Aqueous | | | | | |
| Chlorophyll A | 0.53 | | mg/m3 | 10/21/2016 | SUB | |
| (4) M1 Surface | | | | | | |
| Date Collected: 09/25/2016 12:14 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 09/27/2016 10:00 | CLW | |
| (5) M1 Bottom | | | | | | |
| Date Collected: 09/25/2016 12:21 | Matrix: Aqueous | | | | | |
| Phosphorus as P by 365.1 | ND | 0.010 | mg/L | 09/27/2016 10:00 | CLW | |
| (6) M1 Chlorophyll | | | | | | |
| Date Collected: 09/25/2016 12:16 | Matrix: Aqueous | | | | | |
| Chlorophyll A | 0.80 | | mg/m3 | 10/21/2016 | SUB | |



Report To: **Attn: Data Reporting**

MICROBAC LABORATORY INC.
61 Louisa Viens Dr
Dayville CT 06241

EMAIL ADDRESS: **datareporting@premierlaboratory.com**


| | | | | |
|---|--|-------------------|---------------|--|
| <u>Report Date:</u> 10/21/2016 | <u>Date Received:</u> 9/28/2016 10:08 | | | |
| <u>Report #:</u> N1667465 - 01 | <u>Project ID#:</u> E609S54 - MA DEP | | | |
| <u>Date Sampled:</u> 9/25/2016 11:15 | | | | |
| <u>Sample Description</u> Grab Surface Water #E609S54 -3 == #S1 Webster Lake (Mass.) | | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1667465 - 01 | 0.53 | mg/m ³ | SM-18-10200H | extracted: 10/09/2016; tested: 10/21/2016 |

| | | | | |
|---|--|-------------------|---------------|--|
| <u>Report Date:</u> 10/21/2016 | <u>Date Received:</u> 9/28/2016 10:08 | | | |
| <u>Report #:</u> N1667465 - 02 | <u>Project ID#:</u> E609S54 - MA DEP | | | |
| <u>Date Sampled:</u> 9/25/2016 11:15 | | | | |
| <u>Sample Description</u> Grab Surface Water #E609S54 -6 == #M1 Webster Lake (Mass.) | | | | |
| <u>RESULTS</u> | | | | |
| <u>NELab's Sample #:</u> | <u>Chlorophyll a</u> | <u>Units</u> | <u>Method</u> | <u>Date Tested</u> |
| 1667465 - 02 | 0.80 | mg/m ³ | SM-18-10200H | extracted: 10/09/2016; tested: 10/21/2016 |

mg/m³ = milligrams per cubic meters

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 9/28/2016


 Approved by: Alan C. Johnson, Laboratory Director



Microbac Laboratories, Inc.
61 Louisa Viens Drive
Dayville, CT 06241

Chain of Custody

www.microbac.com
800-334-0103

Lab WO #: FE60955L

Project Manager: Gloria Ricker (GR)

Copy of Report To

CUSTOMER: WEBSTER LAKE ASSOCIATION WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
DELIVERY: c/o GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113 FAX:

Billing Information

BILL TO: WEBSTER LAKE ASSOCIATION WLA
ADDRESS: 16 FAIRFIELD STREET
WEBSTER, MA. 01570
ATTN: GLORIA RICKER
PHONE: 508-943-9113 508-561-0207
E-MAIL: ARICKER9113@CHARTER.NET

Project Information

Project: WEBSTER LAKE
Location: WEBSTER, MA 01570
Project Mgr: GLORIA RICKER
E-MAIL: ARICKER9113@CHARTER.NET
PHONE: 508-943-9113
FAX:

PURCHASE ORDER #:

| Sample Identification | Date Collected | Time Collected | Sample Matrix | Sample Type | | Bottle Qty | Analysis | Preservatives | | | | | | |
|---------------------------|----------------|----------------|---------------|-------------|------|------------|--------------------|---------------|-----|------------------|-------------------------------|-------|--|---|
| | | | | Composite | Grab | | | NON-PRES | HCL | HNO ₃ | H ₂ O ₂ | OTHER | | |
| SI SURFACE | 9/25/06 | 9:25 AM | 11:17 AM | ✓ | ✓ | 1 | TOTAL P | | | | X | | | |
| SI THERMOCLINE | | | | | | | TOTAL P | | | | | X | | |
| SI BOTTOM | 9/25/06 | 9:25 AM | 11:43 AM | ✓ | ✓ | 1 | TOTAL P | | | | X | | | |
| SI CHLOROPHYLL | 9/25/06 | 9:25 AM | 11:15 AM | ✓ | ✓ | 1 | CHLOROPHYLL | | | | | | | X |
| M1 SURFACE | 9/25/06 | 12:14 PM | | ✓ | ✓ | 1 | TOTAL P | | | | X | | | |
| M1 THERMOCLINE | | | | | | | TOTAL P | | | | | X | | |
| M1 BOTTOM | 9/25/06 | 12:21 PM | | ✓ | ✓ | 1 | TOTAL P | | | | X | | | |
| M1 CHLOROPHYLL | 9/25/06 | 12:16 PM | | ✓ | ✓ | 1 | CHLOROPHYLL | | | | | | | X |

PRESERVATIVE VERIFIED

CUSTODY TRANSFER

| SAMPLER: | DATE | TIME |
|-----------------------------|---------|----------|
| KEVIN JOHNSON | 9/25/06 | 12:20 PM |
| RECEIVED: GLORIA RICKER | 9/25/06 | 12:30 PM |
| RELINQUISHED: GLORIA RICKER | 9/26/06 | 12:23 |
| RECEIVED: GR | 9/26/06 | 12:23 |
| RELINQUISHED: JTM | 9/26/06 | 14:30 |
| RECEIVED: JMB/GR/GR | 9/26/10 | 14:30 |

TURNAROUND TIME REQUESTED (select): Standard RUSH Day

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS: LAKE SAMPLES FROM WEBSTER LAKE TOTAL P + CHLOROPHYLL

CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED AMBIENT 1.5°C Upon receipt at lab