



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D9F2879

Alliance Water Treatment Co.

John Piatek
PO Box 3036
Stamford, CT 06905

Project Name: 55 Strawberry Hill Avenue -

Stamford, CT
Project / PO Number: N/A
Received: 06/26/2019
Reported: 07/12/2019

Analytical Testing Parameters

| | | | |
|--------------------------|---|-------------------------|-----------------|
| Client Sample ID: | Stamford High School - Boys Room Sink 5th Floor | Collected By: | John Piatek |
| Sample Matrix: | Drinking Water | Collection Date: | 06/26/2019 9:20 |
| Lab Sample ID: | D9F2879-01 | | |

| General Parameters | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|--|---------|---------------|--------|-------------|------|---------------|---------------|---------|
| Method: Wet Chem - DW/SM2120 B-2001 | | | | | | | | |
| Color - Apparent | <1 | | 1 | Color Units | | | 06/26/19 2100 | CEO |
| Method: Wet Chem - DW/SM2130 B-2001 | | | | | | | | |
| Turbidity | 0.200 | | 0.100 | NTU | | | 06/26/19 2100 | CEO |
| Method: Wet Chem - DW/SM2150 B-1997 | | | | | | | | |
| Odor - TON | <1 | 3 SMCL | 1 | T.O.N. | | | 06/26/19 2100 | CEO |
| Method: Wet Chem - DW/SM4500 H+ B-2000 | | | | | | | | |
| pH | 7.30 | 6.50-8.5 SMCL | | pH Units | H | | 06/26/19 2100 | CEO |
| Method: Wet Chem - DW/SM4500 H+ B-2011 | | | | | | | | |
| Temperature for pH | 18.2 | | | °C | | | 06/26/19 2100 | CEO |
| Inorganics | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
| Method: EPA 200.7, Rv. 4.4 | | | | | | | | |
| Calcium Hardness as CaCO3 (Calc) | 48.2 | | 0.125 | mg CaCO3/L | | 06/28/19 1402 | 07/01/19 1123 | NJP |
| Method: Wet Chem - DW/SM4500-Cl E-2011 | | | | | | | | |
| Chloride | 52.5 | 250 SMCL | 2.00 | mg/L | | | 06/28/19 0311 | DCH |
| Method: Wet Chem - DW/SM4500-Cl G-2000 | | | | | | | | |
| Chlorine - Free Residual | <0.05 | | 0.05 | mg/L | H | | 06/27/19 2040 | KJE |
| Method: Wet Chem - DW/SM4500-NO3 F-2000 | | | | | | | | |
| Nitrate as N | 0.177 | 10.0 MCL | 0.0500 | mg/L | | | 06/26/19 1855 | DJM |
| Nitrite as N | <0.0100 | 1.00 MCL | 0.0100 | mg/L | | | 06/26/19 1855 | DJM |
| Method: Wet Chem - DW/SM4500-SO4 E-1997 | | | | | | | | |
| Sulfate as SO4 | 32.0 | 250 SMCL | 5.00 | mg/L | | | 06/27/19 2356 | DCH |
| Metals, Total | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |

Method: EPA 200.7, Rv. 4.4



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| Sample Matrix: Drinking Water | Collection Date: 06/26/2019 9:20 |
| Lab Sample ID: D9F2879-01 | |

| Metals, Total | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---------------|---------|-----------|--------|-------|------|---------------|---------------|---------|
| Calcium | 19.3 | | 0.0500 | mg/L | | 06/28/19 1402 | 07/01/19 1123 | NJP |
| Manganese | <0.0020 | 0.05 SMCL | 0.0020 | mg/L | | 06/28/19 1402 | 07/01/19 1123 | NJP |
| Iron | 0.0758 | 0.3 SMCL | 0.0500 | mg/L | | 06/28/19 1402 | 07/01/19 1123 | NJP |
| Sodium | 43.0 | | 1.02 | mg/L | | 06/28/19 1402 | 07/01/19 1123 | NJP |

| Microbiology | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|------------------------------|--------|----------|----|----------|------|---------------|---------------|---------|
| Method: SM9223 B-1997 | | | | | | | | |
| Total Coliform | Absent | 1.0 MCL | | in 100mL | | 06/26/19 1704 | 06/27/19 2015 | ARM |
| Escherichia coli | Absent | 1.0 MCL | | in 100mL | | 06/26/19 1704 | 06/27/19 2015 | ARM |

| Semi-Volatile Organic Compounds - GC/ECD | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|--------|---------------|------|-------|------|---------------|---------------|---------|
| Method: EPA 552.2 | | | | | | | | |
| Total Haloacetic acids (HAA5) | 25.4 | 60 MCL | 1.00 | ug/L | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Chloroacetic acid [2C] | <1.00 | | 1.00 | ug/L | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Bromoacetic acid | <1.00 | | 1.00 | ug/L | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Dichloroacetic acid | 3.71 | | 1.00 | ug/L | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Trichloroacetic acid | 21.7 | | 1.00 | ug/L | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Dibromoacetic acid | <1.00 | | 1.00 | ug/L | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Surrogate: 2,3-Dibromopropionic acid | 103 | Limit: 70-130 | | % Rec | | 06/27/19 0900 | 07/10/19 1858 | MRB |
| Surrogate: 2,3-Dibromopropionic acid [2C] | 110 | Limit: 70-130 | | % Rec | | 06/27/19 0900 | 07/10/19 1858 | MRB |

| Volatile Organic Compounds - GC/MS - THMs | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|--------|---------------|-------|-------|------|----------|---------------|---------|
| Method: EPA 524.2, Rv 4.1 | | | | | | | | |
| Total Trihalomethanes | 60.6 | 80 MCL | 0.500 | ug/L | | | 06/28/19 1408 | JAN |
| Bromodichloromethane | 11.2 | | 0.500 | ug/L | | | 06/28/19 1408 | JAN |
| Bromoform | <0.500 | | 0.500 | ug/L | | | 06/28/19 1408 | JAN |
| Chloroform | 47.2 | | 0.500 | ug/L | | | 06/28/19 1408 | JAN |
| Dibromochloromethane | 2.14 | | 0.500 | ug/L | | | 06/28/19 1408 | JAN |
| Surrogate: 4-Bromofluorobenzene | 104 | Limit: 70-130 | | % Rec | | | 06/28/19 1408 | JAN |
| Surrogate: 1,2-Dichlorobenzene-d4 | 107 | Limit: 70-130 | | % Rec | | | 06/28/19 1408 | JAN |

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.



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Definitions

- Absent:** A result of "Absent" for Total Coliform in drinking water indicates the sample is currently IN COMPLIANCE with the Total Coliform Rule as established under the Safe Drinking Water Act.
- H:** Sample was analyzed past holding time.
- MCL:** US EPA Maximum Contaminant Level
- RL:** Reporting Limit
- SMCL:** US EPA Secondary Maximum Contaminant Level

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
PH-0465

Connecticut Department of Public Health

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.

Reviewed and Approved By:

Ronald L. Warila
Director

Reported: 07/12/2019 12:10

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D 9 F 2 8 7 9
Alliance Water Treatment Co.

Premier Laboratory, Inc.

61 Louisa Viens Drive
Dayville, CT 06241
(800) 334-0103

Lab WO#: _____
ct Manager: _____

W

| | | | | | |
|--------------------------|-----------------------------|----------------------------|-----------------------------|---|--|
| Copy of Report To | | Billing Information | | Project Information | |
| CUSTOMER: | ALLIANCE WATER TREATMENT CO | BILL TO: | ALLIANCE WATER TREATMENT CO | Project: | Stamford High School |
| ADDRESS: | PO BOX 3036 | ADDRESS: | PO BOX 3036 | Project Location: | 55 Strawberry Hill Ave, Stamford, CT 06902 |
| | STAMFORD, CT 06905 | | STAMFORD, CT 06905 | Project Manager: | Laure Kovacs |
| ATTENTION: | Laure Kovacs, John Platek | ATTENTION: | JOHN PLATEK | IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL: | |
| E-MAIL: | support@alliancwh2o.com | TELEPHONE: | 203-323-9968 | E-MAIL: | support@alliancwh2o.com |
| PHONE: | 203-323-9968 | PURCHASE ORDER #: | | TELEPHONE: | 203-323-9968 |
| Fax: | | | | FAX: | |

| Sample Identification (Address, source of sample) | Date Collected | Time Collected | Sample Type | | Sample Matrix | Analysis | | | | | | | | | | | |
|---|----------------|----------------|-------------|------|---------------|---------------|-------------------|-------|-----|------|------|----------|------|--|--|--|--|
| | | | COMPOSITE | GRAB | | THM Volatiles | Halocacetic Acids | H2SO4 | HCL | HNO3 | NAOH | NON-PRES | MeOH | | | | |
| Stamford High School 55 Strawberry Hill Ave, Stamford, CT 06902 Sample source: Boys room sink 5th floor | 6/26/19 | 9:20am | | X | DW | X | X | X | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

TURNAROUND (INDICATE IN CALENDAR DAYS):
 HARD COPY E-MAIL
 X FAX _____ X EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

COMMENTS: _____

| CUSTODY TRANSFER | DATE | TIME |
|------------------|-----------|------|
| John Platek | | |
| RECEIVED: | | |
| RELINQUISHED: | 6/26-2019 | 2:14 |
| RECEIVED: | 6/26-2019 | 2:14 |
| RELINQUISHED: | 6/26-2019 | 6:32 |
| RECEIVED: | 6/26/19 | 6:32 |

CONDITIONS UPON RECEIPT: (CHECK ONE)
 COOLED AMBIENT °C Upon Receipt at LAB