



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J911677

Chenango Valley CSD

Project Name: Lead Testing

Tim Gilbert
221 Chenango Bridge Road
Binghamton, NY 13901

Project / PO Number: N/A
Received: 09/26/2019
Reported: 10/03/2019

Analytical Testing Parameters

Table with client sample information: Client Sample ID: Gym North Fountain, Sample Matrix: Drinking Water, Lab Sample ID: J911677-01, Collected By: AB-Client, Collection Date: 09/26/2019 8:26

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Main data table with columns: Volatile Organic Compounds - GC/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Lists various compounds like Benzene, Chlorobenzene, etc. with their respective results and limits.



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J9I1677

<b>Client Sample ID:</b> Gym North Fountain	<b>Collected By:</b> AB-Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 09/26/2019 8:26
<b>Lab Sample ID:</b> J9I1677-01	

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Isopropylbenzene (Cumene)	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
4-Isopropyltoluene (p-Isopropyltoluene)	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
Methyl tert-butyl ether (MTBE)	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
Methylene chloride (Dichloromethane)	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1845	JAN
Naphthalene	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
n-Propylbenzene	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
Styrene	<0.00050	0.1 MCL	0.00050	mg/L			09/30/19 1845	JAN
1,1,1,2-Tetrachloroethane	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
1,1,2,2-Tetrachloroethane	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
Tetrachloroethene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1845	JAN
Toluene	<0.00050	1 MCL	0.00050	mg/L			09/30/19 1845	JAN
1,2,4-Trichlorobenzene	<0.00050	0.07 MCL	0.00050	mg/L			09/30/19 1845	JAN
1,2,3-Trichlorobenzene	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
1,1,1-Trichloroethane	<0.00050	0.2 MCL	0.00050	mg/L			09/30/19 1845	JAN
1,1,2-Trichloroethane	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1845	JAN
Trichloroethene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1845	JAN
Trichlorofluoromethane (Freon 11)	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
1,2,3-Trichloropropane	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
1,2,4-Trimethylbenzene	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
1,3,5-Trimethylbenzene	<0.00050		0.00050	mg/L			09/30/19 1845	JAN
Vinyl chloride	<0.00050	0.002 MCL	0.00050	mg/L			09/30/19 1845	JAN
m,p-Xylene	<0.00050	10 MCL	0.00050	mg/L			09/30/19 1845	JAN
o-Xylene	<0.00050	10 MCL	0.00050	mg/L			09/30/19 1845	JAN
Xylenes (total)	<0.00050	10.0 MCL	0.00050	mg/L			09/30/19 1845	JAN
Surrogate: 4-Bromofluorobenzene	108	Limit: 70-130		% Rec			09/30/19 1845	JAN
Surrogate: 1,2-Dichlorobenzene-d4	101	Limit: 70-130		% Rec			09/30/19 1845	JAN



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J9I1677

<b>Client Sample ID:</b> 2nd Floor Fountain	<b>Collected By:</b> AB-Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 09/26/2019 8:32
<b>Lab Sample ID:</b> J9I1677-02	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 524.2, Rv 4.1</b>								
Benzene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
Bromobenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Bromochloromethane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Bromodichloromethane	0.00074	0.08 MCL	0.00050	mg/L			09/30/19 1909	JAN
Bromoform	0.00422	0.08 MCL	0.00050	mg/L			09/30/19 1909	JAN
Bromomethane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
tert-Butylbenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
sec-Butylbenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
n-Butylbenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Carbon tetrachloride	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
Chlorobenzene	<0.00050	0.1 MCL	0.00050	mg/L			09/30/19 1909	JAN
Chloroethane (Ethyl chloride)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Chloroform	<0.00050	0.08 MCL	0.00050	mg/L			09/30/19 1909	JAN
Chloromethane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
2-Chlorotoluene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
4-Chlorotoluene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Dibromochloromethane	0.00235	0.08 MCL	0.00050	mg/L			09/30/19 1909	JAN
Dibromomethane (Methylene bromide)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,4-Dichlorobenzene	<0.00050	0.075 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,2-Dichlorobenzene	<0.00050	0.6 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,3-Dichlorobenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Dichlorodifluoromethane (Freon-12)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,2-Dichloroethane	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,1-Dichloroethane	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
trans-1,2-Dichloroethene	<0.00050	0.1 MCL	0.00050	mg/L			09/30/19 1909	JAN
cis-1,2-Dichloroethene	<0.00050	0.07 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,1-Dichloroethene	<0.00050	0.007 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,3-Dichloropropane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
2,2-Dichloropropane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,2-Dichloropropane	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,1-Dichloropropene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
trans-1,3-Dichloropropene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
cis-1,3-Dichloropropene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Ethylbenzene	<0.00050	0.7 MCL	0.00050	mg/L			09/30/19 1909	JAN
Hexachlorobutadiene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Isopropylbenzene (Cumene)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
4-Isopropyltoluene (p-Isopropyltoluene)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Methyl tert-butyl ether (MTBE)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Methylene chloride (Dichloromethane)	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
Naphthalene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
n-Propylbenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J9I1677

<b>Client Sample ID:</b> 2nd Floor Fountain	<b>Collected By:</b> AB-Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 09/26/2019 8:32
<b>Lab Sample ID:</b> J9I1677-02	

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Styrene	<0.00050	0.1 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,1,1,2-Tetrachloroethane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,1,2,2-Tetrachloroethane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Tetrachloroethene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
Toluene	<0.00050	1 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,2,4-Trichlorobenzene	<0.00050	0.07 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,2,3-Trichlorobenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,1,1-Trichloroethane	<0.00050	0.2 MCL	0.00050	mg/L			09/30/19 1909	JAN
1,1,2-Trichloroethane	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
Trichloroethene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1909	JAN
Trichlorofluoromethane (Freon 11)	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,2,3-Trichloropropane	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,2,4-Trimethylbenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
1,3,5-Trimethylbenzene	<0.00050		0.00050	mg/L			09/30/19 1909	JAN
Vinyl chloride	<0.00050	0.002 MCL	0.00050	mg/L			09/30/19 1909	JAN
m,p-Xylene	<0.00050	10 MCL	0.00050	mg/L			09/30/19 1909	JAN
o-Xylene	<0.00050	10 MCL	0.00050	mg/L			09/30/19 1909	JAN
Xylenes (total)	<0.00050	10.0 MCL	0.00050	mg/L			09/30/19 1909	JAN
Surrogate: 4-Bromofluorobenzene	106	Limit: 70-130		% Rec			09/30/19 1909	JAN
Surrogate: 1,2-Dichlorobenzene-d4	100	Limit: 70-130		% Rec			09/30/19 1909	JAN

<b>Client Sample ID:</b> 2nd Floor Fountain	<b>Collected By:</b> AB-Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 09/26/2019 8:34
<b>Lab Sample ID:</b> J9I1677-03	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM9223 B-1997</b>								
Total Coliform	Absent			in 100mL		09/26/19 1835	09/27/19 1303	EDB
Escherichia coli	Absent			in 100mL		09/26/19 1835	09/27/19 1303	EDB



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J9I1677

Client Sample ID: Trip Blank
Sample Matrix: Drinking Water
Lab Sample ID: J9I1677-04

Collected By: AB-Client
Collection Date: 09/26/2019 8:26

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with columns: Volatile Organic Compounds - GC/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes a list of compounds like Benzene, Bromobenzene, etc., with their respective results and limits.



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J9I1677

<b>Client Sample ID:</b> Trip Blank	<b>Collected By:</b> AB-Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 09/26/2019 8:26
<b>Lab Sample ID:</b> J9I1677-04	

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Styrene	<0.00050	0.1 MCL	0.00050	mg/L			09/30/19 1933	JAN
1,1,1,2-Tetrachloroethane	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
1,1,2,2-Tetrachloroethane	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
Tetrachloroethene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1933	JAN
Toluene	<0.00050	1 MCL	0.00050	mg/L			09/30/19 1933	JAN
1,2,4-Trichlorobenzene	<0.00050	0.07 MCL	0.00050	mg/L			09/30/19 1933	JAN
1,2,3-Trichlorobenzene	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
1,1,1-Trichloroethane	<0.00050	0.2 MCL	0.00050	mg/L			09/30/19 1933	JAN
1,1,2-Trichloroethane	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1933	JAN
Trichloroethene	<0.00050	0.005 MCL	0.00050	mg/L			09/30/19 1933	JAN
Trichlorofluoromethane (Freon 11)	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
1,2,3-Trichloropropane	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
1,2,4-Trimethylbenzene	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
1,3,5-Trimethylbenzene	<0.00050		0.00050	mg/L			09/30/19 1933	JAN
Vinyl chloride	<0.00050	0.002 MCL	0.00050	mg/L			09/30/19 1933	JAN
m,p-Xylene	<0.00050	10 MCL	0.00050	mg/L			09/30/19 1933	JAN
o-Xylene	<0.00050	10 MCL	0.00050	mg/L			09/30/19 1933	JAN
Xylenes (total)	<0.00050	10.0 MCL	0.00050	mg/L			09/30/19 1933	JAN
Surrogate: 4-Bromofluorobenzene	109	Limit: 70-130		% Rec			09/30/19 1933	JAN
Surrogate: 1,2-Dichlorobenzene-d4	103	Limit: 70-130		% Rec			09/30/19 1933	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.

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.
- AL:** US EPA Action Level
- MCL:** US EPA Maximum Contaminant Level
- RL:** Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
11549

New York State Department of 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:

Shannon Weeks  
Customer Relationship Coordinator  
Reported: 10/03/2019 10:53



3821 Buck Drive  
Cortland, NY 13045  
607.753.3403

2369 Elmira Street, Suite C  
Sayre, PA 18840  
570.888.0169

1620 North Main Avenue  
Scranton, PA 18508  
570.348.0775

4359 Linglestown Road  
Harrisburg, PA 17112  
717.651.9700

CHAIN OF CUSTODY RECORD

33

Lab Report Address

Client Name: **CHENANGO VALLEY CSD**  
Address: **221 CHENANGO BRIDGE RD**  
City, State, Zip: **BINGHAMTON NY 13501**  
Contact: **ANDREW BURLINGAME**  
Telephone No.: **607-760-6675**

Invoice Address

Client Name: **CHENANGO VALLEY CSD**  
Address: **221 CHENANGO BRIDGE RD.**  
City, State, Zip: **BINGHAMTON NY 13901**  
Contact: **ANDREW BURLINGAME**  
Telephone No.: **607-760-6675**

Turnaround Time

Routine (5 to 7 business days)  
 RUSH\* (notify lab)  
Holding Time  
Samples Received on Ice?  Yes  No N/A  
Custody Seals Intact?  Yes  No N/A

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) **5.4**  
Therm ID  
Report Type  
[ ] Results Only [ ] Level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4 [ ] JEDD

Send Report via:

[ ] Mail [ ] Fax  e-mail (address) **aburlingame@cvsd.stier.org** Send Invoice via:  
Location: **1051 CHENANGO ST. BINGHAMTON NY 13901** PO No.:

Project:

**ST. FRANCIS WATER FOUNTAINS**

Compliance Monitoring?

[ ] Yes [ ] No  
Agency/Program

Sampled by (PRINT):

**ANDREW BURLINGAME**

Sampler Signature:

*[Signature]*

Sampler Phone No.:

**607-760-6675**

\* 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



GST BOCES/Chenango Valley CSD

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional
	Gym North Fountain	9/26/19	8:26AM	1 DW	DW	GRAB	3	VOC
	2nd Floor Fountain	9/26/19	8:32AM	1 DW	DW	GRAB	3	
	2nd Floor Fountain	9/26/19	8:34AM	1 DW	DW	GRAB	3	

Possible Hazard Identification

[ ] Hazardous [ ] Non-Hazardous [ ] Radioactive

Sample Disposition

[ ] Dispose as appropriate [ ] Return [ ] Archive

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
<i>[Signature]</i>	9/26/19 1500	<i>[Signature]</i>	9/26/19 1345
<i>[Signature]</i>	9/26/19/1608	<i>[Signature]</i>	9/26/19/1500
<i>[Signature]</i>	9/26/19/1608	<i>[Signature]</i>	9/26/19/1608