

Tuesday, July 30, 2019

Tim Grossi  
Contoocook Valley School District  
106 Hancock Road  
Peterborough NH 03458

**Project Name:** Temple Elementary School

**Lab ID:** 19060198

**Project #:** N/A

**Date Received:** 6/26/2019

**Project Location:** SCH-22330

**Control #:** 19060198

Dear Tim Grossi

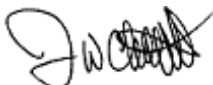
Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

Residual chlorine, sulfite and pH are intended to be performed as an immediate field analysis. Should any of these analyses be performed in the lab instead of in the field it will result in those analyses being performed out of holding time.

Acrolein and 2-chloroethylvinyl ether require an additional analysis with an un-preserved sample. If unpreserved vials were not submitted for these additional analysis then acrolein and 2-CEVE are reported as estimated due to not meeting method requirements for EPA 624.1 or EPA 524.2.

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at <http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx>



Jay Chrystal - President/Laboratory Director



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### Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was there evidence of cooling if not submitted the same day as sampling?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A
Were Samples for O-phos filtered in the field?	N/A
Were samples received in the appropriate containers?	Yes
Where applicable; were chemical and micro samples received at correct temps.	N/A

Sample	Method	Client Identity	Matrix	Analyst
19060198-001	EPA 200.5 Rev 4.2	Office BR Sink	Drinking Water	CharleneF

Comment: no comment

\* Blank comment sections denote "No Comment"



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Control #: 19060198  
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**Analytical Results**  
**Lab ID:** 19060198  
**Date:** 7/30/2019

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-001	EPA 200.5 Rev 4.2	Office BR Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:45:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-002	EPA 200.5 Rev 4.2	Rm 132 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:37:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-003	EPA 200.5 Rev 4.2	Rm 132 BR Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:38:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-004	EPA 200.5 Rev 4.2	Rm 131 BR Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:35:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-005	EPA 200.5 Rev 4.2	Rm 131 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:36:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-006	EPA 200.5 Rev 4.2	Rm 127 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:47:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-007	EPA 200.5 Rev 4.2	Rm 126 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:51:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-008	EPA 200.5 Rev 4.2	WF Outside Guidance		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:50:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-009	EPA 200.5 Rev 4.2	Staff BR Guidance Hall		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:42:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-010	EPA 200.5 Rev 4.2	HW Snk in Ktchn		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:46:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-011	EPA 200.5 Rev 4.2	3 Bay Snk in Ktchn		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:48:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-012	EPA 200.5 Rev 4.2	Gym WF		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:44:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-013	EPA 200.5 Rev 4.2	Art Closet Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:46:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	0.005 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-014	EPA 200.5 Rev 4.2	Boys BR Rgt Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:42:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-015	EPA 200.5 Rev 4.2	Boys BR Lft Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:42:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-016	EPA 200.5 Rev 4.2	Girls BR Lft Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:40:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-017	EPA 200.5 Rev 4.2	Girls BR Rgt Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:40:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-018	EPA 200.5 Rev 4.2	Rm 112 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:38:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-019	EPA 200.5 Rev 4.2	Rm 111 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:37:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-020	EPA 200.5 Rev 4.2	Rm 110 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:34:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-021	EPA 200.5 Rev 4.2	Rm 109 Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:33:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-022	EPA 200.5 Rev 4.2	Lbry Hall Stff Br Snk		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:35:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060198-023	EPA 200.5 Rev 4.2	Lbry Hall WF		Drinking Water	CharleneF

Start Date/Time Sampled: 6/26/2019 10:36:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				7/11/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		7/24/2019	0.003	BenN

**Qualifier: Description:**

B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">" the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
IL-	Internal Standard(s) recovery was low due to matrix. Result may be biased high.
IH-	Internal Standard(s) recovery was high due to matrix. Result may be biased low.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
N-	Non-target compound. Reported as a TIC.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.
V-	Sample pH for analysis was not within the required range when checked at time of analysis.
Z-	Too numerous to count (TNTC)

An "A" in the result column on the report indicates absent for presence/absent bacteria and a "P" indicates present for presence/absent bacteria.





19060198

\* = FOUNTAIN  
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