ChemServe
ENVIRONMENTAL ANALYSTS

317 Elm Street
Milford, NH 03055

(603) 673-5440
Fax (603) 673-0366
Sales@chemservelab.com

Thursday, August 18, 2022

Tad Putney
Town of Brookline
PO Box 360
Brookline   NH   03033

Project Name: Beach Sampling

Project #:   N/A

Project Location: Lake Potanipo

Control #:   124707

Lab ID: 22080221

Date Received: 8/15/2022

Dear Tad Putney

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 compounds then acrolein and 2-CEVE are not reported due to not meeting method requirements, but may be reported as estimated upon request 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

_____
Dr. Jamie Fitzgerald PhD
President/Laboratory Director

Certificate Number 1008

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Town of Brookline		**Lab ID:**	22080221
Tad Putney	**Control #:** 124707	**Date:**	8/18/2022
PO Box 360	**Project Number:** N/A		
Brookline NH 03033	**Project Name:** Beach Sampling		
	Project Location: Lake Potanipo		

<div align="right">

Lab ID: 22080221

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Sample Receiving and Comment Summary

Were samples received 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 or submitted the same day as sampling?	Yes
Were samples collected with appropriate preservative if required?	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
Were samples acceptable per any temperature requirements?	Yes

Sample	Method	Client Identity	Matrix	Analyst
22080221-001	SM 9223B	Max Cohen grove	Groundwater	LauraB

Comment: no comment

* Blank comment sections denote "No Comment"

CHEMSERVE ENVIRONMENTAL ANALYSTS

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Town of Brookline
Tad Putney
PO Box 360
Brookline   NH   03033

Control #: 124707
Project Number: N/A
Project Name: Beach Sampling
Project Location: Lake Potanipo

Analytical Results

Lab ID: 22080221
Date: 8/18/2022

Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
22080221-001	Max Cohen grove	8/15/2022 10:31:00 AM	Groundwater

Composite Start Date and Time   8/15/2022 10:31:00 AM   **Composite End Date and Time**

Parameter	Method	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
E. Coli	SM 9223B	8 MPN Index/100ml		8/15/2022 4:45:00 PM	1	LauraB

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.

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CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

A — CUSTOMER INFORMATION

CUSTOMER: Town of Brookline

ADDRESS: PO Box 360

CITY/STATE/ZIP: Brookline NH 03033

TELEPHONE: 603-673-8855

REPORT TO: Tara Peavy

EMAIL TO:

B — PROJECT INFORMATION

JOB NAME: Beach Sampling

JOB NUMBER:

LOCATION: Lake Potanipo

INVOICE EMAIL:

INVOICE TO:

P.O. NUMBER:

C — SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE.)

10 DAY STANDARD   RUSH (MUST BE PRE-APPROVED)

| 7day | 5 day | 4 day | 3 day | 2 day | 1 day | Same Day |

MCP   ☐ YES   ☐ GW1   ☐ GW3
      ☐ NO   ☐ GW2

STATION # (D)	SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED		SAMPLE TYPE (H)	(I) MATRIX	(J) # OF CONTAINERS	(K) CONTAINER AND PRESERVATIVE	(L) ANALYSIS
		DATE (F)	TIME (G)	GRAB / COMP	SOLID (S) GROUND WATER (G) DRINKING WATER (D) WASTE WATER (W)			
	Main Canoe Grove	8/15/17	1034	✓	G	1	1	sterile cup ① ① E COli GT
		DATE	TIME					
		DATE	TIME					
		DATE	TIME					
		DATE	TIME					
		DATE	TIME					
		DATE	TIME					

M — CUSTODY

SAMPLER: (print name) Sauck Soumon

SIGNATURE:

	DATE	MILITARY TIME
RELINQUISHED:	8/15/17	1113
RECEIVED:	8/15/17	1115
RELINQUISHED:		
RECEIVED:		
RECEIVED FOR LAB:	8/15/21	1113

SAMPLE CHECK LIST:
RECEIVED WITHIN HOLD TIME   YES OR NO
RECEIVED IN GOOD CONDITION   YES OR NO
TEMP BLANK _____ °C
SHIPPED OR HAND DELIVERED _____ °C
SAMPLES WERE PROPERLY PRESERVED   YES NO N/A
SAMPLES WERE FILTERED IN   FIELD LAB   NO
IF NO EXPLAIN:

FIELD READING(S) & COMMENTS:

GROUP # 22080221

8/17

Chemserve Field Work Order

Customer Name: Town of Brooline   COC #: 124707

Hours of Operation:_____   Discharge Process: Batch ( ) or Continuous (X)

Outfall ID: Man Iskon Evant   Sampling Technician: SE

Flow Information: Meter (Y/N)_____

Totalizer Reading Start:_____   Totalizer Reading Finish:_____

Date/Time:_____   Date/Time:_____

Flow :_____(Gallons/GPD)   ( ) Actual ( ) Estimated By:_____

AutoSampler Information:

Flow or Time Composite: _____ Automatic ( ) Manual ( )

Pulse Rate :_____(gal. per pulse)   Pulses/sample: _____   # of Samples:_____

Composite Start Date/Time:_____   Composite Finish Date/Time:_____

Sample Interval: _____   Volume/Sample: _____

Composite Jug ( )   Individual Containers ( ) (Glass or Plastic)

Field Grab Information:

Single (X) Four Part ( ) Interval between grabs (minutes):_____

Grab Start Date/Time: 8|15|22 |1031   Grab Finish Date/Time: 8|15|22 | 1031

Field Readings:

Analysis:	Result/Time	Result/Time	Result/Time	Result/Time