

Thursday, August 24, 2023

Scott Butcher
Town of Brookline
PO Box 360
Brookline NH 03033

Project Name: Beach Sampling
Project #:
Project Location: Lake Potanipo
Control #: 127430

Lab ID: 23080270

Date Received: 8/22/2023

Dear Scott Butcher

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Samples not meeting acceptance criteria upon receipt would be noted on the enclosed chain of custody document. This report is only valid with the attached chain of custody and corresponding control number.

All samples analyzed by ChemServe are subject to quality standards 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 Procedure 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". Samples subcontracted for analysis are submitted to appropriately accredited laboratories and reported as such.

Residual chlorine, sulfite and pH are intended to be performed as an immediate field analysis. If these analyses are requested to be performed in the laboratory, the data is qualified for hold time exceedance.

EPA 624.1 or 524.2: Acrolein and 2-chloroethylvinyl ether require an additional analysis with an un-preserved sample. If unpreserved vials are not submitted, these compounds will only be reported as estimated results upon request in writing.

I certify that I have reviewed the above referenced analytical data, and I have found this report to be in compliance with the procedures outlined within NELAC. Chemserve claims accreditation for only the analyses listed on certified parameter lists located at <https://chemservelab.com/lab-documentation/>.



Dr. Jamie Fitzgerald PhD
President/Laboratory Director



Certificate Number 1008

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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
Were samples received with evidence of cooling or on the day collected?	Yes
Were samples collected with appropriate preservative if required?	Yes
Were samples for dissolved metals filtered in the field?	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
23080270-001	SM 9223B	Max Cohen Grove	Groundwater	LauraB

Comment: no comment

* **Blank comment sections denote "No Comment"**



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 Milford, NH 03055
 (603) 673-5440
 Sales@chemservelab.com

Town of Brookline

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 Brookline NH 03033

Control #: 127430
 Project Number:
 Project Name: Beach Sampling
 Project Location: Lake Potanipo

Analytical Results

Lab ID: 23080270
 Date: 8/24/2023

Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
23080270-001	Max Cohen Grove	8/22/2023 1:25:00 PM	Groundwater
Composite Start Date and Time		8/22/2023 1:25:00 PM	Composite End Date and Time

Parameter	Method	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
E. Coli	SM 9223B	4 MPN Index/100ml		8/22/2023 4:30:00 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.

Chain of Custody No. **127430**
 Multiple COC's Yes No



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

CHAIN OF CUSTODY

A CUSTOMER INFORMATION

CUSTOMER: TOWN OF BROOKLINE

ADDRESS: PO BOX 360

CITY/STATE/ZIP: BROOKLINE, NH 03033

TELEPHONE: 603-673-8855

REPORT TO: SCOTT BUTCHER

EMAIL TO: _____

B PROJECT INFORMATION

JOB NAME: BEACH SAMPLING

JOB NUMBER: _____

LOCATION: LAKE ROTANIPPO

INVOICE EMAIL: _____

INVOICE TO: _____

P.O. NUMBER: _____

C SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE)
 10 DAY STANDARD

RUSH (MUST BE PRE-APPROVED)
 7 day 5 day 4 day 3 day 2 day 1 day Same Day

MCP YES NO GW1 GW2 GW3

CONTAINER AND PRESERVATIVE
SPECIMAN CUP NIPPO

D ANALYSIS

STATION # (1)	SAMPLE IDENTIFICATION & LOCATION (2)	COLLECTED DATE (F)	TIME (G)	SAMPLE TYPE (H)	COM (I)	MATRIX (J) SOLID (S) GROUND WATER (G) DRINKING WATER (D) WASTE WATER (W)	# OF CONTAINERS (K)	ANALYSIS (L)
	MAX COHEN GROVE	8/22/23	1325	V		G	1	DE. COLI QUANTITRAY

(M) CUSTODY: _____
 RELINQUISHED: _____
 RECEIVED: _____
 RECEIVED FOR LAB: _____

SAMPLER: Andrew's Dinal
 SIGNATURE: [Signature]

DATE: 8/22/23
 TIME: 1335

TEMPERATURE: _____ °C
 SHIPPED OR HAND DELIVERED: YES
 SAMPLES WERE PROPERLY PRESERVED: YES
 SAMPLES WERE FILTERED IN FIELD: YES

FIELD READINGS(S) & COMMENTS: _____

GROUP # 75000270

DATE: 8/22/23
 TIME: 1400
[Signature]

Chemsolve Field Work Order

Customer Name: TOWN OF BROOKLINE

COC #: 127430

Hours of Operation: - LAKE POTANIPPO

Discharge Process: Batch () or Continuous ()

Outfall ID: MAX COHEN GROVE

Sampling Technician: Andrew Duvall

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

Grab Start Date/Time: 8/22/23 / 1325 Grab Finish Date/Time: 8/22/23 / 1325

Field Readings:

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