

317 Elm Street Milford, NH 03055

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

Monday, June 14, 2021
Tad Putney
Brookline Conservation Commission
PO Box 360
Brookline NH 03033

Project Name: Lake Potanipo Lab ID: 21060139

Project #: N/A

Project Location: Brookline

Date Received: 6/10/2021

Control #: 122009

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

TNI LABORATORY

Certificate Number 1008



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6/14/2021

Brookline Conservation Commission

Control #: 122009

Project Number: N/A

Brookline NH 03033

Tad Putney

PO Box 360

Project Name: Lake Potanipo

Project Location: Brookline

Lab ID: 21060139

Lab ID:

Date:

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 |
|--------------|----------|-----------------|-------------|---------|
| 21060139-001 | SM 9223B | Max Cohen Grove | Groundwater | LauraB |

Comment: no comment

^{*} Blank comment sections denote "No Comment"



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6/14/2021

Analytical Results

Lab ID:

Date:

Brookline Conservation Commission

Control #: 122009
Project Number: N/A

PO Box 360 Project Number: N/A
Brookline NH 03033 Project Name: Lake Potanipo

Project Location: Brookline

 Sample
 Client Sample Identity
 Start Date/Time Sampled:
 Matrix

 21060139-001
 Max Cohen Grove
 6/10/2021 12:40:00 PM
 Groundwater

Composite Start Date and Time 6/10/2021 12:40:00 PM Composite End Date and Time

Date/Time

 Parameter
 Method
 Result
 Qualifier Analyzed
 Analyzed Analyzed
 RDL
 Analyst

 E. Coli
 SM 9223B
 < 1 MPN Index/100ml</td>
 6/10/2021 4:40:00
 1
 LauraB

Qualifier: Description:

Tad Putney

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.

LHLaboratory control spike(s) was high. Results may be biased high.
Laboratory control spike(s) was low. Results may be biased low.
MHMatrix spike recovery high due to matrix. Results may be biased high.
MLMatrix 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.

RRPD outside acceptable recovery limits.
ROSample received out of holding time.
SHSurrogate recovery high due to matrix
SLSurrogate 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. 122009 Multiple COC's Yes No



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| West. | | | | | | | • | 0 | | |
|--|----------------|---------|---|---|------------------------------------|----------------------|----------------|-----------|--|------------|
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| (D) ANALYSIS | | | (3) | ⊕ ## CONTA | DRINKING WATER (D) WASTE WATER (V) | GRA | 0 | 9 | | ST. |
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| | | ((| NER SE | 4) | | ro: | INVOICE TO: | , | TTO: Tid Putney | REPORT TO: |
| □GWI □GW3 | □ NES | MCP | | | | EMAIL: | INVOICE EMAIL: | | TELEPHONE: 603 -623 -825 | THEFT |
| 3 day 2 day 3 day Same Day | 5 day 4 day | 7day | | ipo | Porsnipo | N: L-KE | LOCATION: | 3 | CITY/STATE/ZIP Brown Fire, NI 03033 | CITY |
| RUSH (MUST BE PRE-APPROVED) | 0 DAY STANDARD | (10 DA) | | | | BER: | JOB NUMBER: | j | ADDRESS: P.O. Bux 366 | ADDRI |
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