

Friday, July 23, 2021

Tad Putney
Town of Brookline
PO Box 360
Brookline NH 03033

Project Name: Beach Sampling
Project #: N/A
Project Location: Lake Potanipo
Control #: 122265

Lab ID: 21070320

Date Received: 7/22/2021

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

Town of Brookline
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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 |
|--------------|----------|-----------------|-------------|---------|
| 21070320-001 | SM 9223B | Max Cohen Grove | Groundwater | LauraB |

Comment: no comment

* Blank comment sections denote "No Comment"



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

Town of Brookline

Tad Putney

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Brookline NH 03033

Control #: 122265

Project Number: N/A

Project Name: Beach Sampling

Project Location: Lake Potanipo

Analytical Results

Lab ID: 21070320

Date: 7/23/2021

| Sample | Client Sample Identity | Start Date/Time Sampled: | Matrix |
|----------------------------------------------------|------------------------|-----------------------------|-------------|
| 21070320-001 | Max Cohen Grove | 7/22/2021 7:20:00 AM | Groundwater |
| Composite Start Date and Time 7/22/2021 7:20:00 AM | | Composite End Date and Time | |

| Parameter | Method | Result | Qualifier | Date/Time Analyzed | RDL | Analyst |
|-----------|----------|--------------------|-----------|----------------------|-----|---------|
| E. Coli | SM 9223B | 23 MPN Index/100ml | | 7/22/2021 4:00:00 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.

ChemServe

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

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Chemserve Field Work Order

Customer Name: Bredline

COC #: 122265

Hours of Operation: _____

Discharge Process: Batch (☒) or Continuous ()

Outfall ID: May Creek GWR

Sampling Technician: Andy

| | | |
|--------------------------------|------------------------------------|-------------------|
| 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 (<input checked="" type="checkbox"/>) Four Part () Interval between grabs (minutes): _____ | |
| Grab Start Date/Time: <u>7/22/21 05:20</u> | Grab Finish Date/Time: _____ |

| Field Readings: | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| Analysis: | Result/Time | Result/Time | Result/Time | Result/Time |
| | | | | |
| | | | | |
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