NH DIVISION OF
Public Health Services
improving health, preventing disease, reducing costs for all

New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445

Wednesday, July 06, 2022

RE: Workorder: B204366 - EPABEACH
Project ID: 8807000 - NEWFOUND LAKE CUMMINGS BEACH - BRISTOL

Dear BOARD OF SELECTMEN:

Enclosed are the analytical results for the sample(s) received by the laboratory on Friday, Jul 01, 2022. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to https://www4.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us. We value your feedback please send comments to lucio.barinelli@dhhs.nh.gov.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Authorized Signature

MONA FREESE
Laboratory Scientist V

Enclosures

REPORT OF LABORATORY ANALYSIS

NELAP ACCREDITED TNI LABORATORY

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DATA QUALIFIER DESCRIPTIONS

Workorder: B204366 - EPABEACH

Project ID: 8807000 - NEWFOUND LAKE CUMMINGS BEACH - BRISTOL

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number

pCi/L = picoCuries per Liter

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

For assistance in interpreting your lab results and obtaining information regarding water treatment; go to www.des.nh.gov and search "Be Well Informed." Or go to http://xml2.des.state.nh.us/DWITool/.

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SAMPLE SUMMARY

Workorder: B204366 - EPABEACH

Project ID: 8807000 - NEWFOUND LAKE CUMMINGS BEACH - BRISTOL

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
B204366001	BCHCMBBRILF		WATER	7/1/2022 07:30	7/1/2022	
B204366002	BCHCMBBRICR		WATER	7/1/2022 07:38	7/1/2022	
B204366003	BCHCMBBRIRT		WATER	7/1/2022 07:43	7/1/2022	

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ANALYTICAL RESULTS

Workorder: B204366 - EPABEACH

Project ID: 8807000 - NEWFOUND LAKE CUMMINGS BEACH - BRISTOL

Lab ID: **B204366001**
Sample ID: **BCHCMBBRILF**
Description:

Matrix: WATER
Sample Type: SAMPLE
Collector : CARROLL BROWN

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Microbiology								
Preparation Method: SM 9223B								
Analytical Method: SM 9223B								
E.Coli, MPN	22.8	MPN/100mL		1	7/1/2022 10:00	7/2/2022 12:23		

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ANALYTICAL RESULTS

Workorder: B204366 - EPABEACH
Project ID: 8807000 - NEWFOUND LAKE CUMMINGS BEACH - BRISTOL

Lab ID: **B204366002**
Sample ID: **BCHCMBBRICR**
Description:

Matrix: WATER
Sample Type: SAMPLE
Collector : CARROLL BROWN

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Microbiology								
Preparation Method: SM 9223B								
Analytical Method: SM 9223B								
E.Coli, MPN	1.0	MPN/100mL		1	7/1/2022 10:00	7/2/2022 12:23		

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ANALYTICAL RESULTS

Workorder: B204366 - EPABEACH
Project ID: 8807000 - NEWFOUND LAKE CUMMINGS BEACH - BRISTOL

Lab ID: **B204366003**
Sample ID: **BCHCMBBRIRT**
Description:

Matrix: WATER
Sample Type: SAMPLE
Collector : CARROLL BROWN

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Microbiology								
Preparation Method: SM 9223B								
Analytical Method: SM 9223B								
E.Coli, MPN	<1	MPN/100mL		1	7/1/2022 10:00	7/2/2022 12:23		