

Phone: (603) 271-3445



Tuesday, August 04, 2020

BOARD OF SELECTMEN TOWN OF BRISTOL 230 LAKE ST BRISTOL NH 03222

RE:

Workorder:

B004541 - EPABEACH

Project ID:

8806005 - AVERY CROUSE BCH NEWFND LAKE - BRISTOL

Dear BOARD OF SELECTMEN:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Jul 29, 2020. 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,

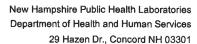
Mona Treese Mona Freese

Authorized Signature

Enclosures



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DATA QUALIFIER DESCRIPTIONS

Workorder: B004541 - EPABEACH

Project ID: 8806005 - AVERY CROUSE BCH NEWFND LAKE - 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: B004541 - EPABEACH

Project ID: 8806005 - AVERY CROUSE BCH NEWFND LAKE - BRISTOL

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
B004541001	BCHNEWBRILF	BRISTOL	WATER	7/29/2020 09:05	7/29/2020	
B004541002	BCHNEWBRICR	BRISTOL	WATER	7/29/2020 09:12	7/29/2020	
B004541003	BCHNEWBRIRT	BRISTOL	WATER	7/29/2020 09:18	7/29/2020	





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ANALYTICAL RESULTS

Workorder: B004541 - EPABEACH

Project ID: 8806005 - AVERY CROUSE BCH NEWFND LAKE - BRISTOL

Lab ID:

B004541001

Matrix:

WATER

Sample ID:

BCHNEWBRILF

Sample Type: SAMPLE

.

Description:

BRISTOL

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 7/29/2020 13:10

7/30/2020 09:19

Date: 08/04/2020

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Workorder: B004541 - EPABEACH

Project ID: 8806005 - AVERY CROUSE BCH NEWFND LAKE - BRISTOL

Lab ID:

B004541002

BRISTOL

Matrix:

WATER

Sample ID: Description:

BCHNEWBRICR

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 7/29/2020 13:10

7/30/2020 09:19

Date: 08/04/2020





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ANALYTICAL RESULTS

Workorder: B004541 - EPABEACH

Project ID: 8806005 - AVERY CROUSE BCH NEWFND LAKE - BRISTOL

Lab ID:

B004541003

BRISTOL

Matrix:

WATER

Sample ID: Description:

BCHNEWBRIRT

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

4.1 MPN/100mL

1 7/29/2020 13:10

7/30/2020 09:19

Date: 08/04/2020

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