

**Workorder:** SPECIAL (B308682)

**Project ID:** 9990250 - BRISTOL CONSERVATION  
COMM

Tuesday, November 28, 2023

CHRISTINA GOODWIN  
TOWN OF BRISTOL  
5 SCHOOL ST  
Bristol, NH 03222

**Client:** BRISTOL CONSERVATION COMM

**Profile:** SPECIAL

**Sampled By:** KEN PELLETTIER

**RE:** Workorder: SPECIAL (B308682)

Project ID:9990250 - BRISTOL CONSERVATION COMM

Dear CHRISTINA GOODWIN,

Enclosed are the analytical results for the sample(s) received by the laboratory on Thursday, 11/2/2023 10:42:22 AM. 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.state.nh.us/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 [Waterlab@dhhs.nh.gov](mailto:Waterlab@dhhs.nh.gov).

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

**Authorized Signature:**



LUCIO S. BARINELLI, Ph.D.  
Program Manager

Enclosures

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## Data Qualifier Descriptions

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](http://www.des.nh.gov) and search "Be Well Informed." Or go to <https://www4.des.state.nh.us/DWITool/>.



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### Sample Summary

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc	Sample Type
B308682001	PLANKEY SPRING	BRISTOL	WA	11/02/2023 09:20	11/02/2023 10:42		SAMPLE

### Workorder Summary

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## Analytical Results

Lab ID:	B308682001		Date Collected:	11/02/2023 09:20		Matrix:	WATER		
Sample ID:	PLANKEY SPRING		Date Received:	11/02/2023 10:42		Description:	BRISTOL		
Parameter	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual	
METALS (EPA 200.7)									
Copper	ND	mg/L	0.050	1		11/09/2023 10:23	1.3		
Hardness	15.4	mg/L	3	1		11/09/2023 10:23			
Iron	ND	mg/L	0.050	1		11/09/2023 10:23	.3		
Manganese	0.013	mg/L	0.010	1		11/09/2023 10:23	.3		
Sodium	3.17	mg/L	1.00	1		11/09/2023 10:23	60		
METALS (EPA 200.8)									
Arsenic	ND	mg/L	0.0010	1		11/06/2023 15:05	.005		
Lead	ND	mg/L	0.0010	1		11/06/2023 15:05	.015		
Uranium	ND	ug/L	1.0	1		11/06/2023 15:05	30		
Microbiology Analysis (SM 9223B)			Preparation Method: (SM 9223B)						
Total Coliform, P/A, CHR/FLU	PRESENT	P-A/100mL			11/02/2023 10:50	11/03/2023 13:33			
E.Coli, P/A, CHR/FLU	ABSENT	P-A/100mL			11/02/2023 10:50	11/03/2023 13:33			
WET CHEMISTRY (EPA 300.0)									
Fluoride	ND	mg/L	0.20	1		11/07/2023 20:44			
WET CHEMISTRY (LACHAT 10-107-04-1-C)									
Nitrate-Nitrogen	ND	mg/L	0.050	1		11/03/2023 13:58	10		
Nitrite-Nitrogen	ND	mg/L	0.050	1		11/03/2023 13:58	1		
Nitrate+Nitrite-Nitrogen	ND	mg/L	0.050	1		11/03/2023 13:58			
WET CHEMISTRY (LACHAT 10-117-07-1-B)									
Chloride	ND	mg/L	3.0	1		11/03/2023 13:58	250		
WET CHEMISTRY (SM 4500-H+B)									
pH	6.68	units	1.0	1		11/02/2023 14:56			