



Wednesday, December 16, 2015

WEST OSSIPPE FIRE PRECINCT
PO BOX 643
WEST OSSIPPEE NH 03890

RE: Workorder: A509234 - STANDARD + RADIOLOGICAL

Dear WEST OSSIPPE FIRE PRECINCT:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Nov 04, 2015. 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 <http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx> for a copy of our current NELAP certificate and accredited parameters.

There are no state requirements for testing the water quality of private wells. The values in the "Limits" column of the Analytical Results reflect those set by the Environmental Protection Agency (EPA) for public water systems. For results that exceed these criteria, Fact Sheets are included in the report addendum to provide further information about the contaminant and available treatment options. Additional water quality Fact Sheets and related materials can be found at <http://des.nh.gov/organization/commissioner/pip/factsheets/dwgb/index.htm>.

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.

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

Sincerely,

Authorized Signature

Enclosures

REPORT OF LABORATORY ANALYSIS

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DATA QUALIFIER DESCRIPTIONS

Workorder: A509234 - STANDARD + RADIOLOGICAL

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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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A509234 - STANDARD + RADIOLOGICAL

Sample Comments

Phone Number: 539-6906
Type of Sample: DRILLED
Well disinfected/last 6 mos.?: N
Check Number: 7195
Phone Number: 539-6906
Type of Sample: DRILLED
Well disinfected/last 6 mos.?: N
Check Number: 7195

Receiving Codes

T5 - Sample on ice; temp > method requirement

Parameter Footnotes

[1] Sample was filtered at lab; result is dissolved chloride.

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ANALYTICAL RESULTS

Workorder: A509234 - STANDARD + RADIOLOGICAL

Lab ID: A509234001	Matrix: WATER
Sample ID: WEST OSS�PEE	Sample Type: SAMPLE
Description: 2380 RT 16-CENTRAL STATION	Collector : GREG HOWARD

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Microbiology								
Preparation Method: SM 9223B								
Analytical Method: SM 9223B								
Total Coliform, P/A, CHR/FLU	ABSENT	P-A/100mL		1	11/4/2015 13:00	11/5/2015 14:15		
E.Coli, P/A, CHR/FLU	ABSENT	P-A/100mL		1	11/4/2015 13:00	11/5/2015 14:15		
Radiochemistry								
Analytical Method: EPA 900.0								
Analytical Gross Alpha	ND	pCi/L	1	1		12/7/2015 11:38		
Analytical Method: SM 7500B								
Radon	445+/-145	pCi/L	100	1		11/5/2015 11:33		
Inorganics								
Analytical Method: EPA 200.7								
Copper	ND	mg/L	0.050	1		11/24/2015 12:10	1.3	
Copper, Stagnant	ND	mg/L	0.050	1		11/24/2015 13:20	1.3	
Hardness	33.3	mg/L	3	1		11/24/2015 12:10		
Iron	1.09	mg/L	0.050	1		11/24/2015 12:10	0.3	
Manganese	0.032	mg/L	0.010	1		11/24/2015 12:10	0.05	
Sodium	5.46	mg/L	1.00	1		11/24/2015 12:10	250	
Analytical Method: EPA 200.8								
Arsenic	ND	mg/L	0.0010	1		11/13/2015 11:18	0.01	
Lead	0.0021	mg/L	0.0010	1		11/13/2015 11:18	0.015	
Lead, Stagnant	ND	mg/L	0.0010	1		11/13/2015 11:18	0.015	
Uranium	ND	ug/L	1.0	1		11/13/2015 11:18	30	
Wet Chemistry								
Analytical Method: LACHAT 10-117-07-1-B								
Chloride	15	mg/L	3.0	1		11/4/2015 17:11	250	1
Analytical Method: LACHAT 10-107-04-1-C								
Nitrate-Nitrogen	ND	mg/L	0.050	1		11/4/2015 17:11	10	
Analytical Method: SM 4500-H+B								
pH	7.77	units	1.0	1		11/4/2015 14:15		
Analytical Method: LACHAT 10-109-12-2-A								

Date: 12/16/2015

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ANALYTICAL RESULTS

Workorder: A509234 - STANDARD + RADIOLOGICAL

Lab ID: **A509234001** Matrix: WATER
 Sample ID: **WEST OSS�PEE** Sample Type: SAMPLE
 Description: 2380 RT 16-CENTRAL STATION Collector : GREG HOWARD

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Fluoride	1.7	mg/L	0.20	1		11/4/2015 17:11	4	
Analytical Method: LCHAT 10-107-04-1-C								
Nitrite-Nitrogen	ND	mg/L	0.050	1		11/4/2015 17:11	1	
Analytical Method: LCHAT 10-107-04-1-C								
Nitrate+Nitrite-Nitrogen	ND	mg/L	0.050	1		11/4/2015 17:11		

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ANALYTICAL RESULTS

Workorder: A509234 - STANDARD + RADIOLOGICAL

Lab ID: A509234002	Matrix: WATER
Sample ID: WEST OSSIPPEE	Sample Type: SAMPLE
Description: JEWELL HILL RD- JEWELL STATION	Collector : GREG HOWARD

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Microbiology								
Preparation Method: SM 9223B								
Analytical Method: SM 9223B								
Total Coliform, P/A, CHR/FLU	ABSENT	P-A/100mL		1	11/4/2015 13:00	11/5/2015 15:41		
E.Coli, P/A, CHR/FLU	ABSENT	P-A/100mL		1	11/4/2015 13:00	11/5/2015 15:41		
Radiochemistry								
Analytical Method: EPA 900.0								
Analytical Gross Alpha	ND	pCi/L	1	1		12/7/2015 11:38		
Analytical Method: SM 7500B								
Radon	382+/-14	pCi/L	100	1		11/5/2015 12:23		
Inorganics								
Analytical Method: EPA 200.7								
Copper	ND	mg/L	0.050	1		11/24/2015 12:10	1.3	
Copper, Stagnant	0.235	mg/L	0.050	1		11/24/2015 13:20	1.3	
Hardness	16.0	mg/L	3	1		11/24/2015 12:10		
Iron	6.64	mg/L	0.050	1		11/24/2015 12:10	0.3	
Manganese	0.277	mg/L	0.010	1		11/24/2015 12:10	0.05	
Sodium	46.3	mg/L	1.00	1		11/24/2015 12:10	250	
Analytical Method: EPA 200.8								
Arsenic	ND	mg/L	0.0010	1		11/13/2015 11:18	0.01	
Lead	ND	mg/L	0.0010	1		11/13/2015 11:18	0.015	
Lead, Stagnant	0.0667	mg/L	0.0010	1		11/13/2015 11:18	0.015	
Uranium	ND	ug/L	1.0	1		11/13/2015 11:18	30	
Wet Chemistry								
Analytical Method: LACHAT 10-117-07-1-B								
Chloride	74	mg/L	3.0	1		11/4/2015 17:13	250	1
Analytical Method: LACHAT 10-107-04-1-C								
Nitrate-Nitrogen	ND	mg/L	0.050	1		11/4/2015 17:13	10	
Analytical Method: SM 4500-H+B								
pH	6.51	units	1.0	1		11/4/2015 14:15		
Analytical Method: LACHAT 10-109-12-2-A								

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ANALYTICAL RESULTS

Workorder: A509234 - STANDARD + RADIOLOGICAL

Lab ID: **A509234002** Matrix: WATER
 Sample ID: **WEST OSS�PEE** Sample Type: SAMPLE
 Description: JEWELL HILL RD- JEWELL STATION Collector : GREG HOWARD

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Fluoride	ND	mg/L	0.20	1		11/4/2015 17:13	4	
Analytical Method: LCHAT 10-107-04-1-C								
Nitrite-Nitrogen	ND	mg/L	0.050	1		11/4/2015 17:13	1	
Analytical Method: LCHAT 10-107-04-1-C								
Nitrate+Nitrite-Nitrogen	ND	mg/L	0.050	1		11/4/2015 17:13		

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