

Workorder: VLAP (B505828)

Project ID: 6000020 - THORNDIKE POND

Wednesday, August 13, 2025

Client: THORNDIKE POND

Profile: VLAP

Sampled By: B TREMBLAY

THE THORNDIKE POND
CONSERVATION ASSOC.
PO BOX 595
JAFFREY, NH 03452

RE: Workorder: VLAP (B505828)

Project ID:6000020 - THORNDIKE POND

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, 7/23/2025 3:16:39 PM. 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 NELAP 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 test results, or for any feedback, contact us at waterlab@dhhs.nh.gov. Also, please complete our Customer Satisfaction Survey by using the QR code below or going to <https://www.surveymonkey.com/r/PHLabSurvey>.

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.

LOQ Limit(s) of Quantitation: The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. Any instrumental estimate of results below the LOQ 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 Limit of Quantitation 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.

pH and conductivity results are reported at 25 degrees C

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 <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
B505828001	THOJAFD	EPI 2	WA	07/23/2025 09:30	07/23/2025 15:16	2025-2509	SAMPLE
B505828002	THOJAFD	HYPO 5	WA	07/23/2025 09:30	07/23/2025 15:16	2025-2510	SAMPLE
B505828003	THOJAFNW		WA	07/23/2025 09:30	07/23/2025 15:16	2025-2512	SAMPLE
B505828004	THOJAFSW		WA	07/23/2025 09:30	07/23/2025 15:16	2025-2513	SAMPLE
B505828005	THOJAFO		WA	07/23/2025 09:30	07/23/2025 15:16	2025-2514	SAMPLE

Workorder Summary

Receiving Code Comments

B505828001 (THOJAFD) - SAMPLE

Sample on ice; temp > method requirement

B505828002 (THOJAFD) - SAMPLE

Sample on ice; temp > method requirement

B505828003 (THOJAFNW) - SAMPLE

Sample on ice; temp > method requirement

B505828004 (THOJAFSW) - SAMPLE

Sample on ice; temp > method requirement

B505828005 (THOJAFO) - SAMPLE

Sample on ice; temp > method requirement

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Analytical Results

Lab ID: B505828001 Date Collected: 07/23/2025 09:30 Matrix: WATER
Sample ID: THOJA FD Date Received: 07/23/2025 15:16 Description: EPI 2

Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
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WET CHEMISTRY (LACHAT 10-115-01-1-F)

Total Phosphorus	0.00843	mg/L	0.0050	1		08/08/2025 14:29		
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Lab ID: B505828002 Date Collected: 07/23/2025 09:30 Matrix: WATER
Sample ID: THOJA FD Date Received: 07/23/2025 15:16 Description: HYPO 5

Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
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WET CHEMISTRY (LACHAT 10-115-01-1-F)

Total Phosphorus	0.0121	mg/L	0.0050	1		08/08/2025 14:31		
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Lab ID: B505828003 Date Collected: 07/23/2025 09:30 Matrix: WATER
Sample ID: THOJA FNW Date Received: 07/23/2025 15:16 Description:

Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
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WET CHEMISTRY (LACHAT 10-115-01-1-F)

Total Phosphorus	0.00726	mg/L	0.0050	1		08/08/2025 14:32		
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Lab ID: B505828004 Date Collected: 07/23/2025 09:30 Matrix: WATER
Sample ID: THOJA FSW Date Received: 07/23/2025 15:16 Description:

Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
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WET CHEMISTRY (LACHAT 10-115-01-1-F)

Total Phosphorus	0.00671	mg/L	0.0050	1		08/08/2025 14:33		
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Lab ID: B505828005 Date Collected: 07/23/2025 09:30 Matrix: WATER
Sample ID: THOJA FO Date Received: 07/23/2025 15:16 Description:

Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
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WET CHEMISTRY (LACHAT 10-115-01-1-F)

Total Phosphorus	0.00693	mg/L	0.0050	1		08/08/2025 14:34		
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