



Workorder: VLAP (B508221)

Project ID: 6000020 - THORNDIKE POND

Tuesday, October 28, 2025

Client: THORNDIKE POND

Profile: VLAP

Sampled By: M MANSFIELD

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

RE: Workorder: VLAP (B508221)

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Enclosed are the analytical results for the sample(s) received by the laboratory on Friday, 10/3/2025 9:18:10 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 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





Department of
**HEALTH &
HUMAN SERVICES**

Division of
Public Health

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

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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
B508221001	THOJAFD	EPI 0	WA	10/02/2025 10:45	10/03/2025 09:18	2025-4136	SAMPLE
B508221002	THOJAFD	EPI 2 DUP	WA	10/02/2025 10:45	10/03/2025 09:18	2025-4137	FLDDUP
B508221003	THOJAFD	HYPO 5	WA	10/02/2025 10:45	10/03/2025 09:18	2025-4138	SAMPLE
B508221004	THOJAFNW		WA	10/02/2025 10:45	10/03/2025 09:18	2025-4139	SAMPLE
B508221005	THOJAFO		WA	10/02/2025 10:45	10/03/2025 09:18	2025-4140	SAMPLE

Workorder Summary





Department of
**HEALTH &
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Division of
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New Hampshire Public Health Laboratories
Department of Health and Human Services
22 Hazen Dr., Concord NH 03301
Phone (603) 271-3445

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Analytical Results

Lab ID: B508221001	Date Collected: 10/02/2025 10:45	Matrix: WATER						
Sample ID: THOJAFL	Date Received: 10/03/2025 09:18	Description: EPI 0						
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.00678	mg/L	0.0050	1		10/27/2025 12:41		
Lab ID: B508221002	Date Collected: 10/02/2025 10:45	Matrix: WATER						
Sample ID: THOJAFL	Date Received: 10/03/2025 09:18	Description: EPI 2 DUP						
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.00846	mg/L	0.0050	1		10/27/2025 12:42		
Lab ID: B508221003	Date Collected: 10/02/2025 10:45	Matrix: WATER						
Sample ID: THOJAFL	Date Received: 10/03/2025 09:18	Description: HYPO 5						
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.00693	mg/L	0.0050	1		10/27/2025 12:43		
Lab ID: B508221004	Date Collected: 10/02/2025 10:45	Matrix: WATER						
Sample ID: THOJAFNW	Date Received: 10/03/2025 09:18	Description:						
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0191	mg/L	0.0050	1		10/27/2025 12:44		
Lab ID: B508221005	Date Collected: 10/02/2025 10:45	Matrix: WATER						
Sample ID: THOJAFO	Date Received: 10/03/2025 09:18	Description:						
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.00724	mg/L	0.0050	1		10/27/2025 12:45		



Invoice

Invoice To:

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

Invoice: 211185**Date:** 10/28/2025**Client:** THORNDIKE POND**Account ID:** 6000020**PO:****Workorder:** B508221**Project:** 6000020-VLAP**NHFirst:** 810034573**CC:**

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
B508221001	THOJAFD	10/2/2025 10:45 AM	TOTAL PHOSPHORUS,AQUEOUS	\$20.00
B508221002	THOJAFD	10/2/2025 10:45 AM	TOTAL PHOSPHORUS,AQUEOUS	\$20.00
B508221003	THOJAFD	10/2/2025 10:45 AM	TOTAL PHOSPHORUS,AQUEOUS	\$20.00
B508221004	THOJAFNW	10/2/2025 10:45 AM	TOTAL PHOSPHORUS,AQUEOUS	\$20.00
B508221005	THOJAFO	10/2/2025 10:45 AM	TOTAL PHOSPHORUS,AQUEOUS	\$20.00
Total				\$100.00

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:

Treasurer State of NH

Client: 6000020**Invoice Number:** 211185**NH First Account:** 810034573Please pay this amount: **\$100.00**

Remit To New Hampshire Public Health Laboratories Laboratory Services
Department of Health and Human Services