

Workorder: VLAP (B505524)

Project ID: 7000070 - ASHUELOT POND

Thursday, August 14, 2025

Client: ASHUELOT POND

Profile: VLAP

Sampled By: J STUMPF

LAE ASSOCIATION
263 ASHUELOT DR
WASHINGTON, NH 03280

RE: Workorder: VLAP (B505524)

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Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, 7/16/2025 1:49:25 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
B505524001	ASHWASD	EPI 2	WA	07/16/2025 09:30	07/16/2025 13:49	2025-2166	SAMPLE
B505524002	ASHWASD	HYPO 5	WA	07/16/2025 09:30	07/16/2025 13:49	2025-2167	SAMPLE
B505524003	ASHWASMA		WA	07/16/2025 09:30	07/16/2025 13:49	2025-2168	SAMPLE
B505524004	ASHWASMI		WA	07/16/2025 09:30	07/16/2025 13:49	2025-2169	SAMPLE
B505524005	ASHWASRI		WA	07/16/2025 09:30	07/16/2025 13:49	2025-2170	SAMPLE
B505524006	ASHWASO		WA	07/16/2025 09:30	07/16/2025 13:49	2025-2171	SAMPLE
B505524007	ASHWASBS		WA	07/16/2025 09:30	07/16/2025 13:49	2025-2172	SAMPLE

Workorder Summary

Receiving Code Comments

B505524001 (ASHWASD) - SAMPLE

Sample on ice; temp > method requirement

B505524002 (ASHWASD) - SAMPLE

Sample on ice; temp > method requirement

B505524003 (ASHWASMA) - SAMPLE

Sample on ice; temp > method requirement

B505524004 (ASHWASMI) - SAMPLE

Sample on ice; temp > method requirement

B505524005 (ASHWASRI) - SAMPLE

Sample on ice; temp > method requirement

B505524006 (ASHWASO) - SAMPLE

Sample on ice; temp > method requirement

B505524007 (ASHWASBS) - SAMPLE

Sample on ice; temp > method requirement

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Analytical Results

Lab ID:	B505524001	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASD	Date Received:	07/16/2025 13:49	Description:	EPI 2			
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0106	mg/L	0.0050	1		08/04/2025 13:42		
Lab ID:	B505524002	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASD	Date Received:	07/16/2025 13:49	Description:	HYPO 5			
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0195	mg/L	0.0050	1		08/04/2025 13:43		
Lab ID:	B505524003	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASMA	Date Received:	07/16/2025 13:49	Description:				
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0132	mg/L	0.0050	1		08/04/2025 13:44		
Lab ID:	B505524004	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASMI	Date Received:	07/16/2025 13:49	Description:				
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0178	mg/L	0.0050	1		08/04/2025 13:46		
Lab ID:	B505524005	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASRI	Date Received:	07/16/2025 13:49	Description:				
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0166	mg/L	0.0050	1		08/04/2025 13:47		
Lab ID:	B505524006	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASO	Date Received:	07/16/2025 13:49	Description:				
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
WET CHEMISTRY (LACHAT 10-115-01-1-F)								
Total Phosphorus	0.0138	mg/L	0.0050	1		08/04/2025 13:48		
Lab ID:	B505524007	Date Collected:	07/16/2025 09:30	Matrix:	WATER			
Sample ID:	ASHWASBS	Date Received:	07/16/2025 13:49	Description:				
Parameter	Results	Units	LOQ	DF	Prepared	Analyzed	Limit	Qual
Microbiology Analysis (SM 9223B) Preparation Method: (SM 9223B)								
E.Coli, MPN	13.4	MPN/100mL			07/16/2025 15:00	07/17/2025 11:08		

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