



STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT

Phone: (860) 920-6500 Fax: (860) 920-6718

LABORATORY TEST REPORT

Report To **Russell S Melmed**
Chatham Health District
240 Middletown Ave.
East Hampton, CT 06424

Attention: MELMED, RUSSELL

July 28, 2026

RE: Workorder: 1379506 WorkID: 54 LAKE ROAD

Dear MELMED, RUSSELL,

Enclosed are the analytical results for sample(s) received by the laboratory Thursday, July 9, 2026. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

Susan Isch,
Division Director, Environmental Chemistry
This electronic signature is a true representation of my hand written signature

1379506 - 27066460

REPORT OF ANALYSIS
EPA ID CT 01057



STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT

Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1379506 (54 LAKE ROAD)

EnvChem Sample Demographics

Property	GREAT HILL POND
Street	54 LAKE ROAD
Town	PORTLAND
State	CT
Zip Code	06480

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1379506001	CHD01 FRESH LAKE WATER	Water - Non-potable	7/9/2026 1:21:00 PM	7/9/2026 14:09	20

1379506 - 27066460

REPORT OF ANALYSIS

EPA ID CT 01057



STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT

Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1379506 (54 LAKE ROAD)

Analytical Results

Lab ID: 1379506001

Date Received: 7/9/2026 14:09

Matrix: Water - Non-potable

Sample ID: CHD01 FRESH LAKE WATER

Date Collected: 7/9/2026 13:21

Collector: MELMED, RUSSELL

Desc:

--- INORGANIC CHEMISTRY ---

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(COD-LR (HACH 8000))								
Chemical Oxygen Demand	<20	mg/L	20	1	7/23/2026 14:04	AK4	7/23/2026 13:50	AK4
(EPA 300.0 (IC))								
Chloride	21	mg/L	1.0	1	7/9/2026 14:43	DM3	7/9/2026 19:40	DM3
Nitrite (as N)	<0.20	mg/L	0.20	1	7/9/2026 14:43	DM3	7/9/2026 19:40	DM3
Nitrate (as N)	<0.20	mg/L	0.20	1	7/9/2026 14:43	DM3	7/9/2026 19:40	DM3
ortho-Phosphate (as P)	<0.50	mg/L	0.50	1	7/9/2026 14:43	DM3	7/9/2026 19:40	DM3

--WET CHEMISTRY--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(Calculation)								
Organic Nitrogen	<0.60	mg/L	0.60	1	7/16/2026 12:12	KZ	7/16/2026 12:12	KZ
(EPA 150.1 (PH))								
pH	7.4	S.U.	0.10	1	7/9/2026 14:42	DM3	7/9/2026 16:46	DM3
(EPA 180.1 (Turbidity))								
Turbidity	1.2	NTU	0.30	1	7/9/2026 14:43	AK4	7/9/2026 15:05	AK4
(EPA 200.7 (ICP))								
Calcium Hardness	14	mg/L	2.5	1	7/15/2026 07:47	KZ	7/16/2026 14:10	KZ
Total Hardness	18	mg/L	10	1	7/15/2026 07:47	KZ	7/16/2026 14:10	KZ
Calcium	5.5	mg/L	1.0	1	7/15/2026 07:47	KZ	7/16/2026 14:10	KZ
Magnesium	1.1	mg/L	1.0	1	7/15/2026 07:47	KZ	7/16/2026 14:10	KZ
(EPA 351.2 (TKN))								
Total Kjeldahl Nitrogen	<0.60	mg/L	0.60	1	7/10/2026 14:00	DM3	7/10/2026 14:16	DM3
(EPA 365.1 (Phosphorus) LR)								
Phosphorus, Total	0.014	mg/L	0.005	1	7/23/2026 05:45	KZ	7/23/2026 11:05	KZ

1379506 - 27066460

REPORT OF ANALYSIS

EPA ID CT 01057



STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT

Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1379506 (54 LAKE ROAD)

Analytical Results (cont.)

--WET CHEMISTRY--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(Observations)								
Gross Appearance	Fine suspended particles	N/A		1	7/9/2026 14:44	LLA	7/9/2026 15:27	LLA
Color, Descriptive	Light brown	N/A		1	7/9/2026 14:44	LLA	7/9/2026 15:27	LLA
(SM2320 B (Alkalinity))								
Alkalinity	16	mg/L	10	1	7/9/2026 14:42	DM3	7/9/2026 16:46	DM3
(SM2540C (TDS))								
Total Dissolved Solids	52	mg/L	10	1	7/9/2026 15:39	AK4	7/9/2026 15:30	AK4
(SM2540D (TSS))								
Total Suspended Solids	<4	mg/L	4	1	7/9/2026 15:38	AK4	7/10/2026 09:50	AK4
(SM4500-NH3D DW 18th ed.)								
Ammonia (as N)	<0.10	mg/L	0.10	1	7/16/2026 10:05	KZ	7/16/2026 10:30	KZ

1379506 - 27066460

REPORT OF ANALYSIS

EPA ID CT 01057