

Microbac Laboratories, Inc., Lee CERTIFICATE OF ANALYSIS E510318

Project Description

Cheshire Water Department - WQP-1058000

For:

Nick Bruzzi

Housatonic Basin Sampling & Testing

80 Run WAY

Lee, MA 01238

Director, Environmental

Ron Warila

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc., Lee. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.



Lead and Copper Water Quality Parameter Report Initial Sampling

I. PWS INFOR	RMATION: Please refer to your DEP Wa	iter Quality	Sampling Sche	dule (WQSS) to help comple	ete this form	1					
PWS ID #:	1058000 City / Tow	n: Cheshir	e		Sa	ample Colle	ction Date: 09/15/	2025				
PWS Name:	PWS Class: COM X NTNC [
Numb	per of Distribution Samples Required:			Number o	f Distribution Ta	ap Samples	Submitted:					
Num	ber of Entry Point Samples Required:			Numl	ber of Entry Poi	nt Samples	Submitted:					
SAMPLE NOTES	3											
II. ANALYTIC	AL LABORATORY INFORMATION											
		Parameters	Parameter									
	Sample Site Address	pН	Temperature (°F)	Alkalinity (mg/L)	Conductivity (µmho/cm)	Calcium (mg/L)	Orthophosphate* (mg/L)	Silica* (mg/L)				
003	State Police Bldg						0.0989					
10007	Point of Entry Post Bld 02G&03G				704							
* Required wh	en using corrosion control inhibitor containing	g phosphate	or silicate compou	nds.								
authorized to	nder penalties of law that I am the person fill out this form and the information containe and complete to the best extent of my know			Primary L	ab Director Sig	nature: – Date: 9/2	77. W	ank				
	If not submitting results electronically, main which you received this			-		r than 10 day	s after the end of the i	month				
1	EW STATUS (Initial & Date)		Review					□ WQTS				
☐ Accepted	d □ Disapproved		Comments					Data Entered				



ADDITIONAL ANALYSIS NOT REPORTED ON MA DEP FORMS

E5I0318

PWS ID #: 1058000 City / Town: Cheshire

PWS Name: Cheshire Water Department

PWS Class: COM X NTNC TNC T

Client Sample ID: State Police Bldg

Sample Matrix: Drinking Water
Lab Sample ID: E5I0318-01

Collected By: Logan Gould
Collection Date: 09/15/2025 11:03

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Analyzed at Facility: Microbac Laboratories, Inc. - Dayville

Inorganics Total Method: EPA 365.1, Rv. 2 (1993)	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Note</u>	Prepared	Analyzed	
Orthophosphate as P	0.0989	0.0100	mg/L	Υ	09/16/25 2022	09/17/25 0014	DCH
Phosphorus as P	0.102	0.0106	mg/L	Y1	09/18/25 1428	09/19/25 1733	CLW



SAMPLE COLLECTION RECORD | CHAIN OF LUSTIOUY | MICROBAC LABORATORIES

		6		Preserved Na2S2o3																								
80 RUN WAY	LEE, MA 01238 (413)248,4622	1058000-250915	# of WO.																							PRESERVATIVE VERIFIED	11s Call	5
		HBST P.O. #		CHEMICAL ANALYSIS		#																	NOTER	OIES	1	PRE	Initials	
	T V			٥	Conductivity			×)		
		N	ğ		Phosphates	×	:			L			_						_						, 6	1		
		- 1	E		BACTERIA 9223 QT Orthophosphate	<u> </u> ~	-	-	-	_	-		_			1			1				_		1	,		
		1	Testing	MICRO	BACTERIA 9223 P/A	 ×	×	×	×	×	×		-			+							-		~	()	-	
		sin	Ø	∑ B	BACTERIA 74H	1	T					$\dagger \dagger$							Ī									
		Ва	Ď		(9917)	+	+	-			\vdash				\parallel	+			\dagger			\parallel	ŀ	C	10	Τ	<u> </u>	Τ
		Housatonic Basin	=		Field UV Transmit 254 Chl2 Res	\dagger					-								-				-	2 40	1.65°			
<u>\</u>	V	stor	E	ORDEC	Field VV Absorb 254	†					-								+				- ME		1			
		nsa	Sal	FIELD RECORDED	Field Turbitity (UTM)	1							-					1					DATE/TIM	1				
		<u> </u>	0,	FIE	Field Hq	\dagger				<u> </u>					\dagger	1		1					1	12.5	JI	`i		
	Τ				Field Temp F*	\dagger					-				1	\dagger		1	+					21/6	1/6		ļ. -	
					SAMPLER	Logan Gould	Logan Gould	Logan Gould	Logan Gould	Logan Gould	Logan Gould																	
					DATE/TIME	9/15/25 11:03 AM	9/15/25 9:27 AM	9/15/25 10:53 AM	9/15/25 10:27 AM	9/15/25 10:45 AM	9/15/25 10:50 AM														JA.			
CHESHIRE WATER DEPT	0	9.		SAMPLE INFORMATION	LOCATION DESCRIPTION	STATE POLICE BLDG-	75 SOUTH ST. ADAMS COMMUNITY BANK (REP)-	POE POST BLD 02G/03G [10007]-	W MT RD TANK-	NEW WELL 01G-	WELL 02G-												, CUSTODY TRANSFER	\ \ \				
XEST	1058000	Cheshire	COM	SAMF	Chem Sample ID	T	1	[10007]		[RW1]	[RW2]			-									1	LOAR	+			
	-				BRCTERIA OI 930	[600]	-				[RW2] [+			+	+				-	F		٥		0
PWS NAME:	PWS ID:	PWS TOWN:	PWS CLASS:		TYPE	RSJ	\vdash			-	[RW]			+	-			+	+				1	SAMPLER	RECEIVED	RELINQUISHED	RECEIVED	RELINQUISHED
Μ	ā	PW	PWS		SAMPLE	Ŧ		7	_	=	=			+	_	+		4	+	\vdash	\perp	\vdash	-	\ S	Æ	RELIN	Æ	RELIN

Nole: Submit via EDEP unless designated Private or otherwise noted. Email report to: Admin@HousatonicBasin.com. Lab testing shall be in compliance with all State and Federal Drinking Water and applicable regulations.