

ANALYTICAL LABORATORY DATA REPORT | BEACH SAMPLING PROGRAM



PREPARED FOR: SHERWOOD FOREST

Sample Collection by: Dakota Ketchen

PROJECT LOCATION: BECKET

Collection Date: 2021/Aug/30

CASE NARRATIVE:

Method: E. Coli by Colilert -24 hrs	Report No: 870169168	Report Date: 2021/Sep/03
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HBST collects beach samples for analysis in accordance with the Massachusetts Department of Public Health regulations related to public and semi private bathing beaches. The samples are analyzed for E.coli bacteria using the SM-9223B QT Method that quantifies a Most Probable Number (MPN). The MPN is then compared to the allowable Maximum Contaminant Level (MCL) assigned through regulation. MPN results of greater than or equal to 235 MPN/100mL-MCL trigger beach closures until further testing is conducted to verify adequate water quality for bathing under the MCL. Nonconformance issues with respect to Sample Identification, Sample conditions received, and Analysis processes are noted below.

NONCOMFORMANCE ISSUES: LAB SAMPLE(S) LISTED AND HIGHLIGHTED IN RED EXCEED THE ALLOWABLE MCL FOR PUBLIC USE.

Lab ID	WATER BODY	LOCATION DESCRIPTION	PROCESSING TIMES			ANALYSIS	
			Collected	Prepared	Analyzed	MCL MPN/100mL	RESULT MPN/100mL
	<i>(Matrix:Ambient)</i>	<i>(Owner Generated)</i>					
	BIG ROBIN	BOAT BEACH	10:37 AM	02:50 PM	2021/Aug/31 2:55 PM	235	22.8
	LITTLE ROBIN	GRASSY BEACH	10:14 AM	02:50 PM	2021/Aug/31 2:55 PM	235	9.7
	EXCALIBUR LAKE	EXCALIBUR BEACH	10:43 AM	02:50 PM	2021/Aug/31 2:55 PM	235	2
	LANCELOT LAKE	ARROW BEACH	10:55 AM	02:50 PM	2021/Aug/31 2:55 PM	235	26.5
	LANCELOT LAKE	MAIN BEACH	10:59 AM	02:50 PM	2021/Aug/31 2:55 PM	235	17.3
	BIG ROBIN	WILL SCARLET BEACH	10:32 AM	02:50 PM	2021/Aug/31 2:55 PM	235	6.3
	LITTLE ROBIN	DAM BEACH	10:18 AM	02:50 PM	2021/Aug/31 2:55 PM	235	4.1
	BIG ROBIN	NORTH BEACH	10:24 AM	02:50 PM	2021/Aug/31 2:55 PM	235	86

Analyzed By:
Dakota Ketchen

Reviewed and Released by:
Erick Bartlett

9/3/2021 9:11:30 AM

Beach Sampling Field Data Revised 2018

Town/City:		BECKET										Time Delivered to Lab:		02:00 PM					
Date Collected:		8/30/2021 10:59:22 AM										Delivered By:		<i>Dakota Ketchen</i>					
Collected By:		Dakota Ketchen										Dakota Ketchen							
Beach Owner:		SHERWOOD FOREST										Relinquished to:		<i>Dakota Ketchen</i>					
												Dakota Ketchen							
ID #	Sample Location <small>If beach has multiple samples, note location.</small>	Marine or Fresh	Sample Time	Water Clarity: <small>Clear Partly Murky Murky</small>			Water Temp (°F)	Wave Intensity: <small>Calm Normal Rough</small>			Days Since Rain <small>"0" if w/in 24 hrs.</small>	Potential Pollution Sources- if none, check "none" <small>For people, birds, and dogs, indicate number. Use check mark for others.</small>							
														# People in Water	# Birds	# Dogs	Algae	Trash	Animal/ Human waste
	MAIN BEACH	FRESH	10:59 AM	C	P	M	74	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	ARROW BEACH	FRESH	10:55 AM	C	P	M	76	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	EXCALIBUR BEACH	FRESH	10:43 AM	C	P	M	74	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	BOAT BEACH	FRESH	10:37 AM	C	P	M	73	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	WILL SCARLET BEACH	FRESH	10:32 AM	C	P	M	73	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	NORTH BEACH	FRESH	10:24 AM	C	P	M	73	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	DAM BEACH	FRESH	10:18 AM	C	P	M	71	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>
	GRASSY BEACH	FRESH	10:14 AM	C	P	M	71	C	N	R	0	0	0	0					<input checked="" type="checkbox"/>

Cloud Cover: Clear Partly Cloudy Cloudy/Overcast

Comments:

A copy of this form must be included with the samples when they are submitted to the lab.