

# ANALYTICAL LABORATORY DATA REPORT | BEACH SAMPLING PROGRAM



PREPARED FOR: SHERWOOD FOREST  
 PROJECT LOCATION: BECKET

Sample Collection by: HBST Staff  
 Collection Date: 2021/Jul/29

CASE NARRATIVE:

<b>Method:</b> E. Coli by Colilert-18 hrs	<b>Report No:</b> 869878062	<b>Report Date:</b> 2021/Jul/30
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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>					
	LITTLE ROBIN	GRASSY BEACH	9:52 AM	01:15 PM	30/07/2021 09:51 AM	235	191.8
	LITTLE ROBIN	DAM BEACH	9:48 AM	01:15 PM	30/07/2021 09:50 AM	235	83.6
	BIG ROBIN	NORTH BEACH	9:42 AM	01:15 PM	30/07/2021 09:50 AM	235	456.9
	EXCALIBUR LAKE	EXCALIBUR BEACH	9:28 AM	01:15 PM	30/07/2021 09:49 AM	235	6.3
	BIG ROBIN	BOAT BEACH	9:21 AM	01:15 PM	30/07/2021 09:47 AM	235	104.6
	LANCELOT LAKE	ARROW BEACH	9:08 AM	01:15 PM	30/07/2021 09:46 AM	235	16.0
	BIG ROBIN	WILL SCARLET BEACH	9:17 AM	01:15 PM	30/07/2021 09:46 AM	235	101.7
	LANCELOT LAKE	MAIN BEACH	9:05 AM	01:15 PM	30/07/2021 09:41 AM	235	104.6

Analyzed By:  
Grace Calvert

Reviewed and Released by:  
Erick Bartlett

7/30/2021 9:51:40 AM

## Beach Sampling Field Data Revised 2018

<b>Town/City:</b>		BECKET										<b>Time Delivered to Lab:</b>		11:30 AM					
<b>Date Collected:</b>		7/29/2021 9:52:59 AM										<b>Delivered By:</b>							
<b>Collected By:</b>		HBST Staff										HBST Staff							
<b>Beach Owner:</b>		SHERWOOD FOREST										<b>Relinquished to:</b>							
												Nick Bruzzi							
ID #	Sample Location <small>If beach has multiple samples, note location.</small>	Marine or Fresh	Sample Time	Water Clarity:			Water Temp (°F)	Wave Intensity:			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>							
				Clear	Partly Murky	Murky		Calm	Normal	Rough		# People in Water	# Birds	# Dogs	Algae	Trash	Animal/ Human waste	Wrack	None
	GRASSY BEACH	FRESH	09:52 AM	C	P	M	74	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>
	DAM BEACH	FRESH	09:48 AM	C	P	M	74	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>
	NORTH BEACH	FRESH	09:42 AM	C	P	M	76	C	N	R	1	1	0	0					<input checked="" type="checkbox"/>
	EXCALIBUR BEACH	FRESH	09:28 AM	C	P	M	72	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>
	BOAT BEACH	FRESH	09:21 AM	C	P	M	72	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>
	WILL SCARLET BEACH	FRESH	09:17 AM	C	P	M	72	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>
	ARROW BEACH	FRESH	09:08 AM	C	P	M	72	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>
	MAIN BEACH	FRESH	09:05 AM	C	P	M	72	C	N	R	1	0	0	0					<input checked="" type="checkbox"/>

**Cloud Cover:**       Clear     Partly Cloudy       Cloudy/Overcast

**Comments:**      Runoff from recent storms evident at site, geese feces noted at many sites.

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