

SALEM SOUND COASTWATCH



Leading the Way to a Healthier Sea and Shore.

Salem Sound Clean Beaches and Streams Program Report for June through August 2025

Salem Sound Coastwatch has monitored the health of Salem Sound for the past 35 years. The Clean Beaches and Streams Program runs for six weeks from June to August and focuses on identifying where contaminants enter Salem Sound. Locating these sites helps municipalities identify and target pollution sources, as well as address aging or failing infrastructure.

The following report summarizes the water quality testing results at coastal outfall pipes and streams from June through August 2025 in Salem Sound Coastwatch's Clean Beaches and Streams Program. Salem Sound Coastwatch (SSCW) conducts water sampling in accordance with a Department of Environmental Protection-approved Quality Assurance Project Plan (QAPP), last revised in 2024. All SSCW volunteer water technicians were trained as required by this QAPP. Sampling and chain of custody protocols were also followed, and a completeness range of 90 to 100 percent of the samples was met for collection.



#213 – Brackenbury Beach, Beverly

US EPA National Water Quality Inventory reports runoff from urbanized areas is the leading source of water quality impairments to surveyed estuaries, harming fish and marine plants and animals, killing native vegetation, and making recreational areas unsafe and unpleasant.

(EPA 841-F-03-003)

Approach and Methods

While municipalities test bathing waters at public beaches, Salem Sound Coastwatch focuses on stormwater outfall pipes and coastal streams, many of which are located at bathing beaches and near boating areas. SSCW's samples are collected at stormwater discharge sites during low tide, which means bacterial counts tend to be higher than beach samples taken at high tide in three feet of water, where the ocean dilutes the discharge. Testing outfall pipes and streams shows whether bacterial contaminants from the land are polluting our local waters.

EPA determined that *Enterococcus* is the best indicator organism in marine waters that correlates to adverse human health effects. Therefore, all states were mandated to use this standard by April 2004. Since 2004, all

Salem Sound communities and SSCW have used *Enterococcus* as the testing indicator organism for marine water.

The EPA water quality standard for Class A, B, and C is met if the *Enterococcus* level of a single sample is less than 104 CFU/100mL or if the geometric mean of the most recent five (5) *Enterococcus* levels within the same bathing season does not exceed 35 colonies per 100mL (Massachusetts state sanitary code 105 CMR 445.000). The geometric mean is a statistical averaging method used to even out the average when dealing with a wide range of numbers. A list of the 2023-2025 beach closures at SSCW test sites is listed by town in Tables 16-24 on pages 14-22 at the end of this report.

Definition of Dry vs. Wet Conditions

Rain can cause temporarily elevated bacterial counts at discharge and nearshore coastal water sites. Runoff from impervious surfaces (parking lots, roofs, streets) flushes contaminants through storm drains, leaving pollution on the beaches and other coastal habitats. Therefore, testing under dry conditions gives a more accurate picture of ongoing contamination problems. In addition to runoff, other sources of bacteria in water are leaking sewer pipes, failing or malfunctioning septic systems, combined and sanitary sewer overflows, illegal sewer hookups, wildlife and pet waste, and agricultural runoff.

SSCW defines “dry” conditions differently from the municipalities. The municipalities consider wet conditions, or a “storm” event, any precipitation occurring during sampling or within 24 hours before sampling. According to SSCW, dry conditions are defined as less than 0.2" of precipitation on the day of sampling or less than 0.5" within three days before sampling. Wet conditions are defined as more than 0.2" of rain within 24 hours before sampling or more than 0.5" within three days before sampling. Protocols are the same for wet- or dry-weather sampling. Graphs 1 through 3 on pages 13-14 show precipitation during the sampling period. Note that a graph might indicate rain even when sampling was recorded as “Dry,” meaning the rain fell after the sample was taken.

Salem Sound Coastwatch Test Results

Table 1 on the following page lists the bacterial results for all samples taken between June 12 and August 26, 2025. Samples were collected every 2 weeks within two hours of low tide and delivered to Gloucester, where Biomarine Laboratories (16 East Main Street, Gloucester, MA 01930) tested all water samples for *Enterococcus*.

Values for *Enterococcus* above **104 CFU/100mL** - the EPA standard (EPA-823-R-03-008) - are indicated in **bold**. Additionally, geometric means are included for only dry sampling dates (n = 5).

The first testing day, June 12, 2025, was the only one with any sites that had bacterial results below 104 CFU/100mL. One of the six test days was considered wet (8/26/2025). On this day, every site had bacterial levels over the EPA standard, and most sites recorded their highest levels. In fact, 4 sites had levels above the maximum detection of 24,196. Dry weather sampling ranged from 10 to 24,196 CFU/100mL.

Refer to Maps 1 and 2 on page 11 and Table 14 on page 12 for all the locations of all testing sites. Refer to Table 15 on page 12 for the monitoring schedule and low tide times.



Table 1: Salem Sound Coastwatch Water Quality Monitoring Results June through August 2025 from Outfall Pipes and Streams (ALL TOWNS)

Full Moon – June 11, July 10, August 9

New Moon – June 25, July 24, August 23

 Wet Days

2025 Clean Beaches & Streams									
Summary of Water Monitoring Results									
Hotspots are defined as the Geometric Mean for ONLY DRY weather sampling (n=5) for Enterococcus > 1000 CFU/100mL.									
2025 Monitoring Results - Enterococcus		DRY	DRY	DRY	DRY	DRY	WET	Dry Days	
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean	Hot Spots
Manchester									
Black Beach off 127	161	528	5,172	256	842	1,403	1,470	962	
Wolf Trap Estuary from marsh	161-M	169	7,270	3,609	3,448	24,196	11,199	3,263	*
Wolf Trap Estuary from East upper marsh	DS-161-EUM	266	3,169	3,654	1,274	2,224	189	1,542	*
Wolf Trap Estuary from East upper marsh	161-EUM	185	9,208	2,247	4,352	17,329	9,804	3,105	*
Wolf Trap Estuary from upper EUM	161-UP-EUM	74	1,095	5,475	8,164	24,196	15,163	2,446	*
Wolf Trap Brook at Summer St	WT-2	10	204	344	377	No Flow	No Flow	128	
Manchester Harbor	169	109	120	199	119	221	313	147	
Sawmill Brook at School Street	100	126	424	373	717	341	2,732	345	
Sawmill Brook at Lincoln Street	152	10	341	185	272	626	272	161	
Beverly									
East End Brackenbury Beach (Stream)	213	135	556	No Sample	1,085	7,185	4,893	875	
Rice's Beach	214	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	-	
West End Brackenbury Beach (outfall pipe)	222	670	2,014	No Sample	No Flow	No Flow	24,196	1,162	*
Dane St Beach and Lawrence Brook	321	92	1,439	2,310	1,529	199	24,196	622	
Danvers									
Frost Fish Brook at Poplar St	400	457	801	5,475	2,900	798	24,196	1,359	*
Peabody									
North River Downstream of Howley St	500	161	301	146	496	1,636	1,616	356	
288 Washington Street	P2	2,603	1,384	5,794	1,904	1,354	3,076	2,219	*
15 May St (dam at Sydneys Pond & Tapley Brook)	P5P	10	109		No Samples Taken				
Salem									
Collins Cove	525	4,106	798	233	3,762	148	24,196	843	
Juniper Beach	620	305	155	231	No Sample	2,311	17,154	399	
Shetland Park	629-SP	1396	317	2,098	237	576	1201	662	
Marblehead									
Grace Oliver	700	52	1,354	831	816	2,872	5,018	672	
Riverhead Beach	701	269	717	987	1,012	762	2,755	681	
Village St Pier	721	211	2,105	8,164	528	1,467	379	1,229	*
Stramski Beach	722	74	284	644	1,014	1,112	No Flow	433	

Numbers in bold exceed Class A, B, and C Standards as specified by EPA (823-R-03-008): Enterococci >104 CFL/mL

Weather Ratings:

Dry less than 0.2" the day of sampling or less than 0.5" within 3 days preceding sampling

Wet greater than 0.2" the day of sampling or greater than 0.5" within 3 days preceding sampling

Results Summary

Salem Sound Coastwatch defines hot spots as Enterococcus counts greater than 1000 CFU/100mL based on the geometric mean for all testing results. Wet-weather sampling data are not used when calculating the geometric mean.

Hot Spots

SSCW testing results indicate that every Salem Sound Watershed community, except Salem, had at least one hot spot in 2025.

Table 2: Hot spots are defined as the Geometric Mean for ONLY DRY weather sampling (n=5) for Enterococcus > 1000 CFU/100mL.

2025 Monitoring Results - Enterococcus Hot Spots		DRY	DRY	DRY	DRY	DRY	WET	Dry Days	
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean	Hot Spots
Manchester									
Wolf Trap Estuary from marsh	161-M	169	7,270	3,609	3,448	24,196	11,199	3,263	*
Wolf Trap Estuary from East upper marsh	DS-161-EUM	266	3,169	3,654	1,274	2,224	189	1,542	*
Wolf Trap Estuary from East upper marsh	161-EUM	185	9,208	2,247	4,352	17,329	9,804	3,105	*
Wolf Trap Estuary from upper EUM	161-UP-EUM	74	1,095	5,475	8,164	24,196	15,163	2,446	*
Beverly									
West End Brackenbury Beach (outfall pipe)	222	670	2,014	No Sample	No Flow	No Flow	24,196	1,162	*
Danvers									
Frost Fish Brook at Poplar St	400	457	801	5,475	2,900	798	24,196	1,359	*
Peabody									
288 Washington Street	P2	2,603	1,384	5,794	1,904	1,354	3,076	2,219	*
Marblehead									
Village St Pier	721	211	2,105	8,164	528	1,467	379	1,229	*

Municipality Summaries

Manchester-by-the-Sea

Table 3: 2025 Manchester-by-the-Sea Water Quality Monitoring Results

Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean	Hot Spots
Manchester									
Black Beach off 127	161	528	5,172	256	842	1,403	1,470	962	
Wolf Trap Estuary from marsh	161-M	169	7,270	3,609	3,448	24,196	11,199	3,263	*
Wolf Trap Estuary from East upper marsh	DS-161-EUM	266	3,169	3,654	1,274	2,224	189	1,542	*
Wolf Trap Estuary from East upper marsh	161-EUM	185	9,208	2,247	4,352	17,329	9,804	3,105	*
Wolf Trap Estuary from upper EUM	161-UP-EUM	74	1,095	5,475	8,164	24,196	15,163	2,446	*
Wolf Trap Brook at Summer St	WT-2	10	204	344	377	No Flow	No Flow	128	
Manchester Harbor	169	109	120	199	119	221	313	147	
Sawmill Brook at School Street	100	126	424	373	717	341	2,732	345	
Sawmill Brook at Lincoln Street	152	10	341	185	272	626	272	161	

Hot spots continue to be a problem as the Wolf Trap Brook flows through the salt marsh and exits onto Black Beach at Kettle Cove. Two sites were added in 2025 to try to pinpoint the source of contamination upstream of the bridge. WT-2, located on the Magnolia Street side of Summer Street (away from the estuary), was added to test the Wolf Trap Brook water right before it enters the estuary. 161-UP-EUM is located as high up into the reeds towards Summer Street as accessible. On August 12 and 26, 161-UP-EUM had its highest bacterial counts (24,196 and 15,163) when site WT-2 had no water flowing towards the estuary. Water flow

in the estuary can be due to underground springs and/or septic tanks. For more details about the history of testing in this area, please refer to Salem Sound Coastwatch's *2024 Final Report for Manchester-by-the-Sea*, located on the website www.salemsound.org.

Sawmill Brook at School Street (100) tended to have elevated bacterial levels compared to upstream at Lincoln Street (152), especially during the wet sampling day. Lower bacterial levels would be expected at Manchester Harbor (169), where the Sawmill Brook is diluted by ocean water.

Table 4: **Water Quality Monitoring Results from 2006 through 2025 at Black Beach (Site 161)**

Year / Site #	161
2006	2,606
2007	1,476
2008	1,590
2009	407
2010	2,811
2011	3,144
2012	1,200
2013	1,407
2014	632
2015	1,430
2016	1,707
2017	1,276
2018	1,022
2019	Waiting for test results
2020	~
2021	Covid interrupted testing for these sites
2022	
2023	880
2024	1,111
2025	962
Geo Mean	989

Beverly

Beverly had one hot spot in 2025: West End Brackenbury Beach outfall pipe (222). Several of Beverly's beaches were closed this summer due to elevated bacterial counts in the swimming water. (Refer to Tables 17-19 on pp 15-17 at the end of this report.)

Table 5: **2025 Beverly Water Quality Monitoring Results**

2025 Monitoring Results - <i>Enterococcus</i>		DRY	DRY	DRY	DRY	DRY	WET	Dry Days
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean
Beverly								
East End Brackenbury Beach (Stream)	213	135	556	No Sample	1,085	7,185	4,893	875
Rice's Beach	214	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	-
West End Brackenbury Beach (outfall pipe)	222	670	2,014	No Sample	No Flow	No Flow	24,196	1,162
Dane St Beach and Lawrence Brook	321	92	1,439	2,310	1,529	199	24,196	622

Historical Background

When high levels of bacteria were detected at the Patch/Brackenbury Beach outfall (213) in 2003, SSCW worked with EPA Region 1 to conduct a Sanitary Beach Survey in 2004 and 2005. No direct source was identified, but the relationship between high bacterial counts and full and new moons seemed likely. The marsh was thought to be poorly flushed, so bacteria accumulated until higher tides cleansed the area.

Additionally, SSCW worked with an upstream abutter to reduce duck feeding in a pond created by a small dam. After the dam was removed and feeding stopped, counts in 2016 were the lowest of any year since 2003. Massachusetts experienced a record drought in 2016, which may have contributed to the lower bacterial levels. The 2017 results were slightly higher than 2016 but within normal variability and reflected continued improvement from the years when the ducks were fed.

The outfall pipe #222 was generally blocked by sand. However, with the increased precipitation in the summer of 2023, the pipe reopened in July and August and continued to flow throughout the summer of 2024. It again became blocked with sand for a few weeks in 2025. Since its bacterial counts are increasing, the wetland area from which the outfall pipe drains should be investigated.

Lawrence Brook (321) flows onto Dane Street Beach in the northeast corner and receives stormwater from its watershed. It is important to monitor because it is adjacent to a heavily used public beach. Rain events increase levels of bacteria carried by the brook onto the beach. At the end of July 2017, the City of Beverly Public Service Department brought to our attention that several catch basins around Kelleher's Pond had become receptacles for dog waste bags. The catch basins in the Essex St/Pond View Lane/Colon St area drain to Beverly's outfall #510 (SSCW #321) that exits onto the Dane St Beach via Lawrence Brook. Beverly cleaned the catch basins, and SSCW stenciled the area's catch basins. These actions resulted in August bacterial levels that met the Class A, B, and C standards as specified by the EPA (EPA-823-R-03-008): Enterococci > 104 CFU/100mL. This shows the importance of catch basin maintenance and public education. This was a hot spot in 2020, 2022, and 2024; therefore, SSCW will continue to work with Beverly to reduce sources in the Lawrence Brook watershed.

SSCW included testing along Lawrence Brook in its Tributaries and Water Quality Monitoring Program (T&WC) in the Fall of 2025 to pinpoint pollution sources. Refer to the test results located on the website www.salemsound.org.

Table 6: 2007-2024 West End Brackenbury Beach (222) and Lawrence Brook (321), Beverly Annual Dry Geometric Means

SSCW Testing Sites	SITE	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Beverly												
West End Brackenbury Beach (outfall pipe)	222	340	~	~	~	~	~	~	~	~	~	~
Dane St Beach and Lawrence Brook	321	701	501	242	426	432	376	494	419	282	64	124
SSCW Testing Sites	SITE	2018	2019	2020	2021	2022	2023	2024	2025			
Beverly												
West End Brackenbury Beach (outfall pipe)	222	137	512	164	621	761	4,066	2,502	1,161			
Dane St Beach and Lawrence Brook	321	249	154	2,294	575	1,671	528	1,728	622			

Danvers

In 2025, only one site, Frost Fish Brook at Poplar St (400), was tested in Danvers, and it remains a hot spot.

Table 7: **2025 Danvers Water Quality Monitoring Results from Outfall Pipes and Streams**

2025 Monitoring Results - <i>Enterococcus</i>		DRY	DRY	DRY	DRY	DRY	WET	Dry Days
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean
Danvers								
Frost Fish Brook at Poplar St	400	457	801	5,475	2,900	798	24,196	1,359

Because the sampling results over the past few years indicate that site 400 has recurring elevated levels of bacteria, SSCW conducted further testing upstream along Frost Fish Brook as part of the 2024 Tributary & Water Quality Program. Results showed that bacterial contamination was entering the brook from an outfall located between Bowdoin and Colgate Streets. (Samples from Frost Fish Brook above this outfall and from Cornell Brook below this outfall had low bacterial levels.) Further investigation and testing were conducted as part of the 2025 T&WQ Program. Refer to the test results located on the website www.salemsound.org.

Table 8: **2019-2024 Danvers Water Quality Monitoring Results – Dry Annual Geometric Means**

Location	Site ID	2019	2020	2021	2022	2023	2024	2025
Danvers								
Frost Fish Brook at Poplar St	400	857	1350	298	1,649	816	2,783	2,783
Waters River at Sylvan St	404	-	924	948	-	1,541	896	896

In 2023, SSCW met with the Danvers officials to review results and discuss potential pollution sources at these sites. One source of pollution at Waters River and Sylvan St (#404) was thought to be due to a nearby pet shop that has dog training and pet care. SSCW delivered pamphlets to the Board of Health for distribution to the pet shop for client education. They also suggested installing animal waste bags and receptacles. Another factor is that the water behind the pet shop is fed by intermittent stormwater overflowing from Route 114. Recent droughts have resulted in stagnant water sitting for longer periods between rain events. However, this site still had problems during wet weather sampling (see Table 13, pg. 10).

Danvers is still experiencing high levels of bacteria in the swimming water at Sandy Beach on the Porter River, resulting in numerous closures during the summers of 2023, 2024, and 2025 (Refer to Table 24, pg. 22). One suspected source of contamination for both Frost Fish Brook at Poplar St and Sandy Beach is geese. Geese prefer a clear area for take-off, so the introduction of taller grass, shrubs, and/or benches may deter them. The BOH will remind the Harbormaster and the Danversport Yacht Club of the pump-out requirement for all boaters. Signage to educate boaters may still be necessary.

Peabody

In the Fall of 2024, SSCW continued testing upstream brooks in Peabody as part of its Tributaries and Water Quality Program to identify pollution sources contributing to the North River. On September 12, 2024, SSCW collected samples along the North River and several brooks in Peabody. All the sites had *Enterococcus* levels below 100, except for the Tapley Brook site P3 (552) at 5 Allens Lane, which had a level of 5,938/100mL. SSCW collected additional samples on October 28, 2024, to pinpoint the source of contamination. Additional samples were collected below the outfall dam at Sidneys Pond, feeding Tapley Brook (P5), as well as the outflow pipe at Cedar Grove Cemetery, where the Upper Tapley Brook flows into Sidneys Pond (P6).

Because both samples had low Enterococcus levels (10 and 41, respectively), the area between Washington Street (P2) and the dam at Sydneys Pond at the origin of Tapley Brook (PSP) was included in the 2025 CB&S testing. Refer to the test results located on the website www.salemsound.org.

Table 9: 2025 Peabody Water Quality Monitoring Results from Outfall Pipes and Streams

2025 Monitoring Results - Enterococcus		DRY	DRY	DRY	DRY	DRY	WET	Dry Days	
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean	Hot Spots
Peabody									
North River Downstream of Howley St	500	161	301	146	496	1,636	1,616	356	
288 Washington Street	P2	2,603	1,384	5,794	1,904	1,354	3,076	2,219	*
15 May St (dam at Sydneys Pond & Tapley Brook)	PSP	10	109		No Samples Taken				

Salem

The improvements the City of Salem made under an EPA Administrative Order (2011) continue to pay off. For the first time, Salem had no hot spots. Salem continues to discover illicit connections that are repaired and redirected to the sanitary sewer system. Although it will always be a given that work remains to improve the sewer and stormwater infrastructure, the City of Salem's thorough evaluations have resulted in cleaner water entering Salem Harbor. The high swings in bacterial levels at Collins Cove are unusual, warranting further investigation.

Table 10: 2025 Salem Water Quality Monitoring Results from Outfall Pipes and Streams

2025 Monitoring Results - Enterococcus		DRY	DRY	DRY	DRY	DRY	WET	Dry Days	
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean	Hot Spots
Salem									
Collins Cove	525	4,106	798	233	3,762	148	24,196	843	
Juniper Beach	620	305	155	231	No Sample	2,311	17,154	399	
Shetland Park	629-SP	1396	317	2,098	237	576	1201	662	

Table 11: Juniper Beach Outfall #620 Water Quality Monitoring Results 2004 – 2025

Year	June	June	July	July	Aug	Aug	Geomean (Dry Days)
2004	600	900	17,000	200	9,400	600	1,476
2005	198,630	81,640	8,390	30,760	4,814	14,210	25,672
2006	16,740	173	156	316	3,266	124	622
2007	3,600	20	680	40	290	7,000	358
2008	NS	30	920	70	2,100	120	152
2009	520	1,200	370	680	160	10	94
2010	3,450	24,200	24,000	1,100	24,200	2,760	6,852
2011	24,200	410	2,250	6,490	1,900	3,090	3,076
2012	554	97	520	4,350	110	144	213
2013	24,000	504	173	754	880	295	959
2014	8,660	24,000	842	11,200	24,200	1,990	10,002
2015	9,210	6,130	11,200	13,000	2,480	539	3,966
2016	933	404	471	41	146	450	189
2017	20	10	8,660	602	563	676	93
2018	10	17,300	NS	183	1,630	337	85
2019	368	148	556	272	717	327	353
2020	10	31	30	15,531	3,076	15,531	73
2021	98	341	763	2,064	246	305	398
2022	414	12,997	12,033	298	7,701	97	551
2023	171	278	474	450	538	1,895	465

2024	638	2,905	5,101	1,317	12,033	7,701	2,591.91
2025	305	155	231	~	2,311	17,154	399

Wet Days

Marblehead

Table 12: 2025 Marblehead Water Quality Monitoring Results from Outfall Pipes and Streams

2025 Monitoring Results - <i>Enterococcus</i>		DRY	DRY	DRY	DRY	DRY	WET	Dry Days	
Location	Site ID	6/12	6/26	7/16	7/29	8/12	8/26	Geometric Mean	Hot Spots
Marblehead									
Grace Oliver	700	52	1,354	831	816	2,872	5,018	672	
Riverhead Beach	701	269	717	987	1,012	762	2,755	681	
Village St Pier	721	211	2,105	8,164	528	1,467	379	1,229	*
Stramski Beach	722	74	284	644	1,014	1,112	No Flow	433	

History of Sampling

Table 13: 2007-2025 Marblehead Water Quality Monitoring Results – Dry Annual Geometric Means

Marblehead	Grace Oliver	Riverhead	Village St Pier	Stramski	Red Steps
Year / Site #	700	701	721	722	735
2007	635	~	~	446	~
2008	1,212	~	200	2,112	~
2009	241	~	~	~	~
2010	308	~	592	667	~
2011	542	~	714	1,070	~
2012	122	~	259	458	~
2013	409	~	226	548	~
2014	720	~	337	672	~
2015	~	259	1,199	1,139	~
2016	~	122	7,340	210	~
2017	~	156	497	640	~
2018	~	565	2,377	662	~
2019	~	194	311	470	~
2020	~	920	311	989	~
2021	~	433	2,507	454	~
2022	~	1,042	551	108	215
2023	456	748	168	487	1,086
2024	1,158	725	468	984	284
2025	672	681	1,229	433	~
Geo Mean Dry	490	426	610	580	405

EPA New England conducted a Sanitary Beach Survey in 2007, and the results revealed that the bacteria were not human-related. The high ammonia and bacteria levels indicated that Steer Swamp was the source. Grace Oliver Beach (700) was closed to swimming twice in the summer of 2025 and three times in 2024. (Refer to Table 20, pg. 18.) 2024 was the first time it was on the hot spot list since 2008. Although no longer considered a hot spot in 2025, SSCW will continue to monitor this outfall.

Red Steps #735 is no longer included in CB&S testing because the site's slippery rocks were deemed too dangerous for volunteers to collect samples.

In 2015 and 2016, SSCW returned to the Riverhead Beach culvert (#701), which drains much of the downtown area and the neighborhood surrounding the Goldthwait salt marsh, after the Marblehead Water and

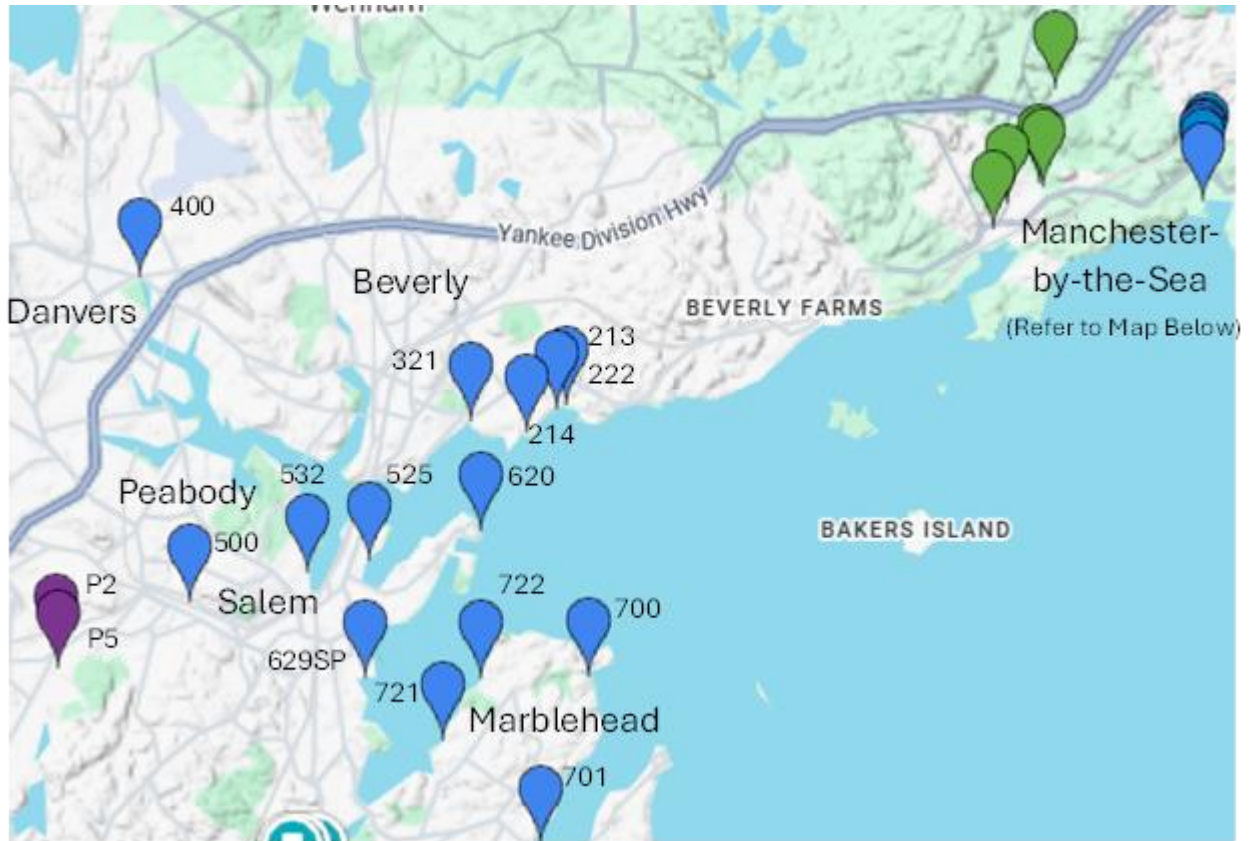
Sewer Commission completed a large stormwater project in the downtown area in 2013 – 2014. Table 12 above shows a decrease in bacterial levels during dry weather sampling, except for 2022, when it was a designated hot spot. Due to the large urban watershed and the age of the pipe system, this culvert will continue to be monitored. Additionally, regular cleaning of storm drains is important.

The stream flowing onto Stramski Beach (722) has been a trouble spot for many years. From 2003 to 2011, the beach was closed due to contamination fifteen times, with 53% (8 times) of the closures associated with rain events. In 2007, working with SSCW, the Marblehead Water and Sewer Department inspected the stormwater infrastructure in this watershed. Storm drains were cleaned and sampled. It was concluded at that time that the presence of raccoons and the low flow, which creates stagnant conditions, may be contributing factors to this persistent watershed problem. Stramski Beach was not closed in 2023, 2024, or 2025.

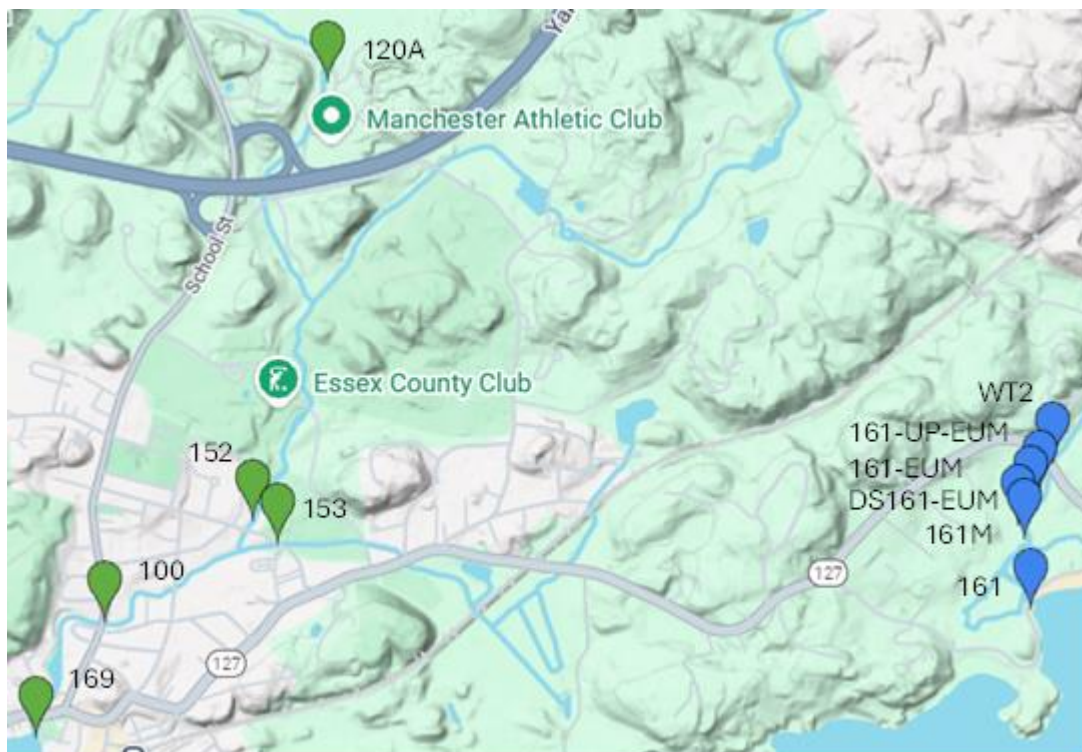
Over the years, a bacterial spike ($> 24,000$ CFU/100 mL, not wet weather) occurred in August at the Village Road outfall (721). Marblehead Water & Sewer investigations discovered raccoons living in the upstream catch basin. Once they were removed and the basin cleaned, counts dropped. Dog waste bags in the catch basins have been another neighborhood problem. In 2025, bacterial levels spiked but were surprisingly low on the wet test date. SSCW continues to work with Marblehead to provide public education and monitoring.

For Additional Information about SSCW's Clean Beaches & Streams Program, including how to become a volunteer in this important environmental monitoring program, please call Salem Sound Coastwatch at 978/741-7900 or email info@salemsound.org.

Maps of the 2025 Clean Beaches & Streams Testing Sites



Map 1: Beverly, Danvers, Peabody, Salem, and Marblehead Sites



Map 2: Manchester-by-the-Sea Sites

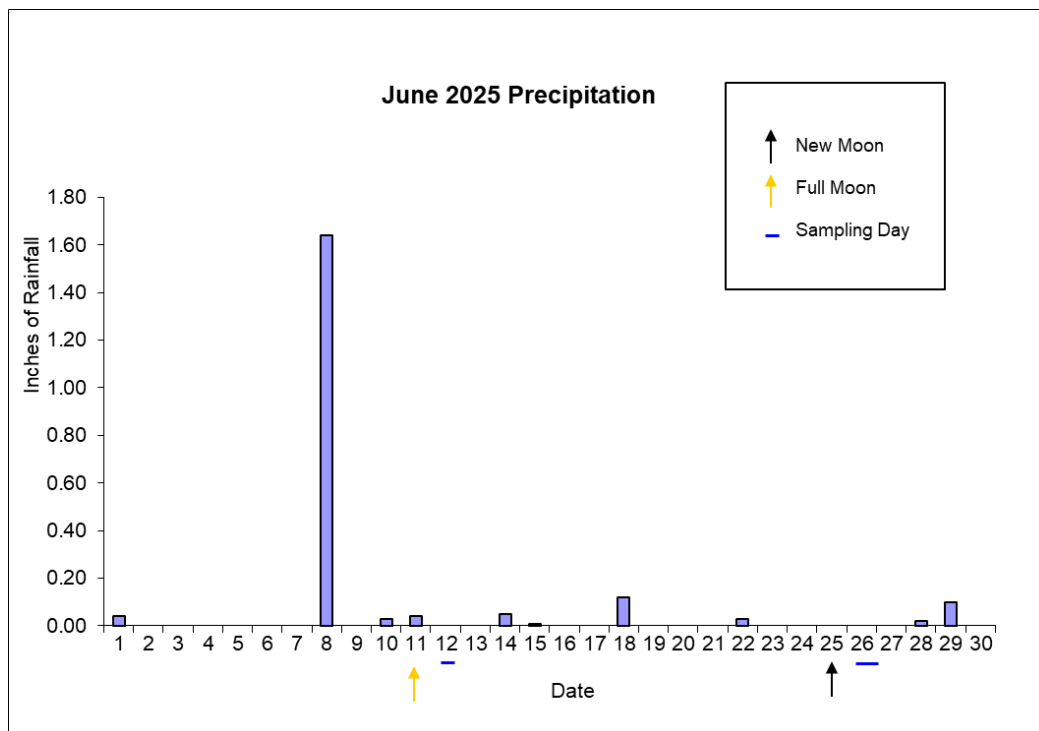
Table 14: 2025 Site Locations

Monitoring Location ID	Monitoring Location Name	Monitoring Location Latitude	Monitoring Location Longitude	Location Group
161	Wolf Trap Marsh Outlet at Black Beach, Manchester	42.5782	-70.73469	Manchester
161-M	Wolf Trap Estuary, Manchester	42.57997	-70.73509	Manchester
DS-161-EUM	Wolf Trap Estuary from East upper marsh, Manchester	42.58057	-70.73520	Manchester
161-EUM	Wolf Trap Estuary, Manchester	42.58111	-70.73472	Manchester
161-UP-EUM	Wolf Trap Estuary from upper EUM, Manchester	42.58155	-70.73431	Manchester
WT2	Wolf Trap Brook at Summer St, Manchester	42.58233	-70.73386	Manchester
169	Manchester Harbor	42.5746	-70.77283	Manchester
100	Sawmill Brook at School St, Manchester	42.57782	-70.77021	Manchester
152	Sawmill Brook at Lincoln St, Manchester	42.58068	-70.76451	Manchester
213	Brackenbury Beach, Beverly; Concrete culvert on east side	42.55099	-70.85028	Beverly
214	Rice Beach, Beverly; stream flow onto beach	42.54713	-70.85745	Beverly
222	Brackenbury Beach, Beverly; outfall pipe on west side	42.55059	-70.85214	Beverly
321	Dane Street Beach, Beverly; Lawrence brook at beach	42.54876	-70.86767	Beverly
400	Frost Fish Brook at Poplar St, Danvers	42.56801	-70.92776	Danvers
500	19 Howley St, North River, Salem	42.52448	-70.91858	Peabody
P2	288 Washington St, Peabody	42.51795	-70.94297	Peabody
P5P	15 May St, Dam at Sydneys Pond & Tapley Brook	42.51578	-70.94285	Peabody
525	Collins Cove, Salem; outfall pipe	42.53021	-70.88631	Salem
620	Juniper Beach, Salem; outfall pipe on beach	42.53424	-70.86585	Salem
629-SP	Shetland Park, Salem; outfall pipe on beach	42.51438	-70.88691	Salem
700	Grace Oliver, Marblehead; stream from Steer Swamp Pond	42.51461	-70.84626	Marblehead
701	Riverhead Beach, Marblehead; outfall pipe on east side	42.49229	-70.85512	Marblehead
721	Village Street Pier, Marblehead	42.50608	-70.87280	Marblehead
722	Stramski Beach; Marblehead, stream flow onto beach	42.51413	-70.85406	Marblehead

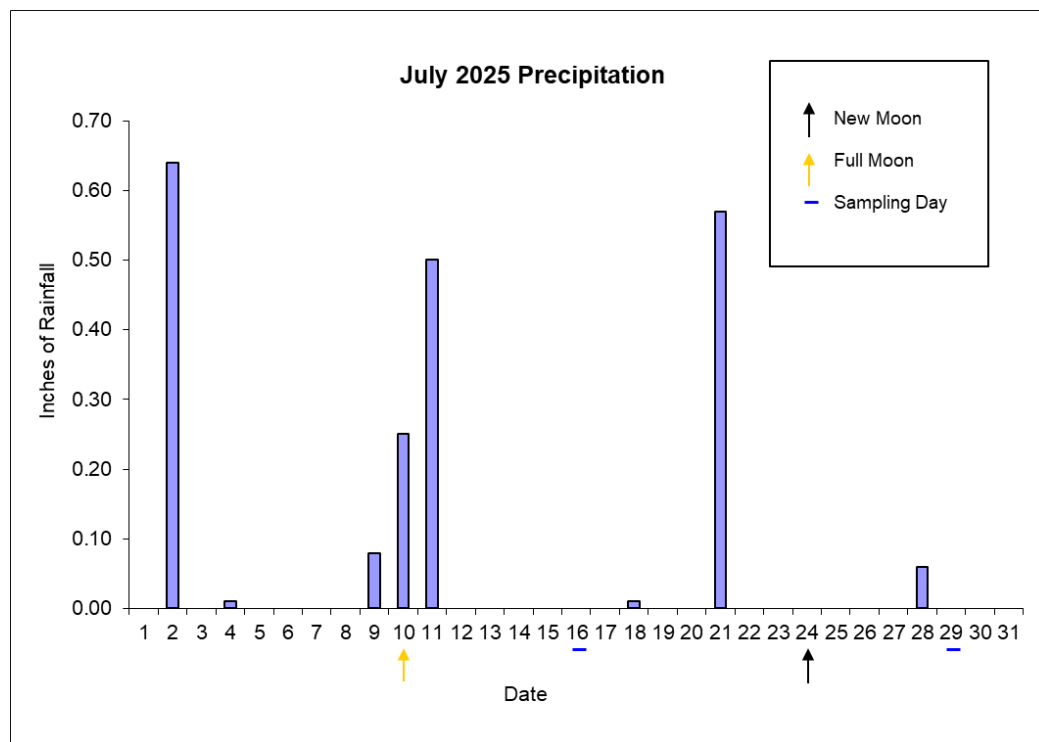
Table 15: 2025 Monitoring Schedule and Low Tide Times

2025 Water Monitoring Testing Schedule			
Date	Low Tide	Tide Height	Monitoring Window
Thursday, June 12, 2025	6:44 AM	0.5 ft	7:00am – 8:30am
Thursday, June 26, 2025	6:29 AM	-1.2 ft	7:00am – 8:30am
Wednesday, July 16, 2025	9:21 AM	-0.2 ft	8:00am – 9:00am
Tuesday, July 29, 2025	9:10 AM	0.3 ft	7:10am – 8:30am
Tuesday, August 12, 2025	7:55 AM	-0.5 ft	7:00am – 8:30am
Tuesday, August 26, 2025	7:54 AM	0.4 ft	7:00am – 8:30am

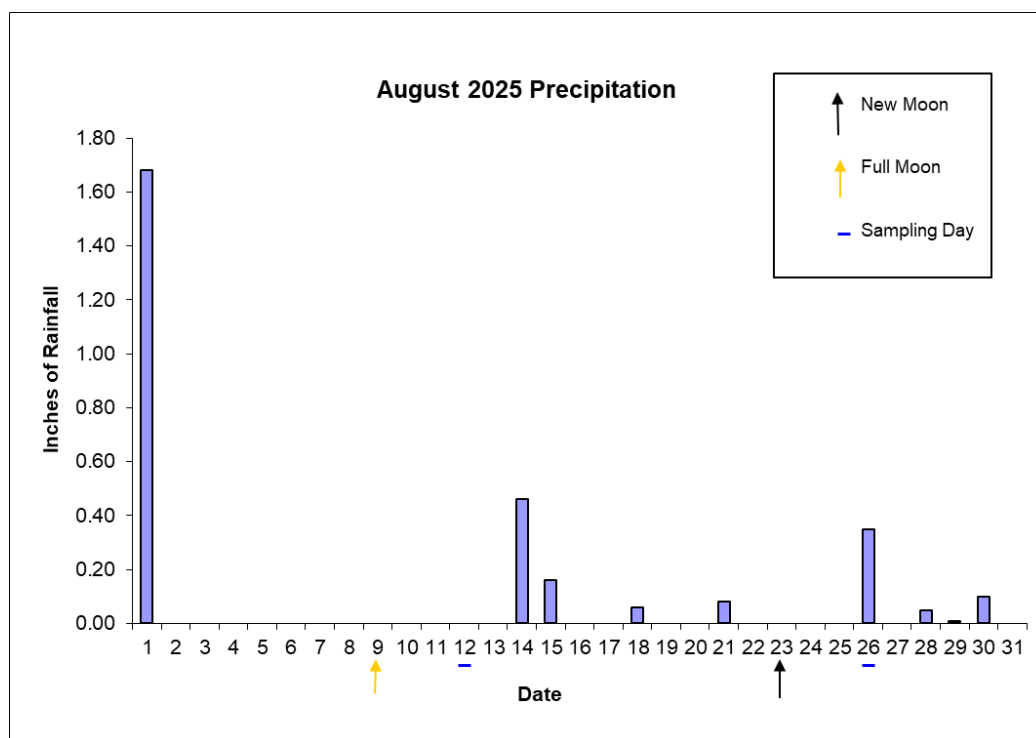
Graph 1: Precipitation recorded at Beverly Airport for June 2025



Graph 2: Precipitation recorded at Beverly Airport for July 2025



Graph 3: Precipitation recorded at Beverly Airport for August 2025



MA Municipal Beach Testing

The following MA Department of Public Health's (MDPH) Beach Water Quality Standards are used to determine whether beaches are open to swimming:

Table 16: 2025 MDPH Beach Water Quality Standards

MDPH's Beach Water Quality Standards

	Single sample maximum	Geometric mean
Marine – Enterococci	104	35
Freshwater – Enterococci	61	33
Freshwater – <i>E. coli</i>	235	126

The Commonwealth of Massachusetts has improved its Interactive Beach Water Quality Dashboard to provide easier access to water quality testing results for every year from 2002 through the current year. Data can be found at this link:

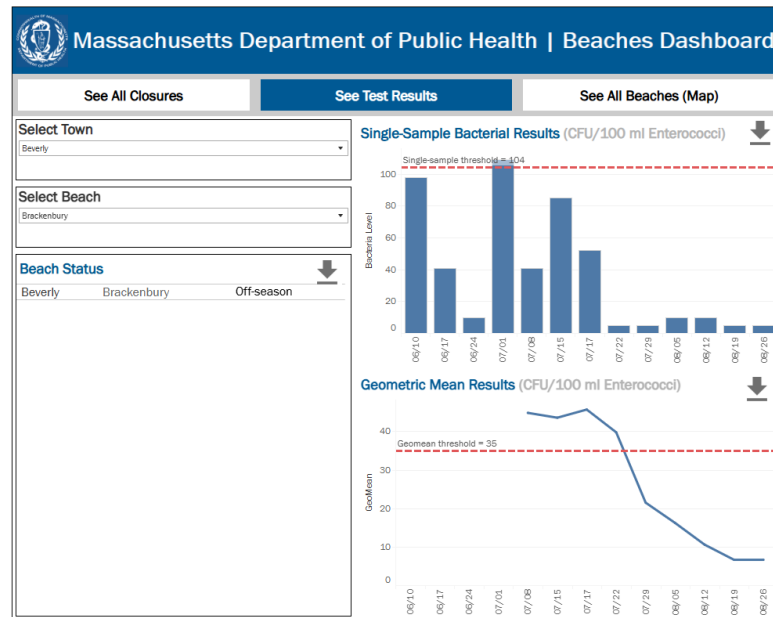
https://www.mass.gov/info-details/interactive-beach-water-quality-dashboard?_gl=1*14v91tb*_ga*MzMwNzI4ODIxLjE3NjUzNzg1NTQ.*_ga_62P454925S*czE3NjUzNzg1NTQkbzEkZzEkdDE3NjUzODQyMTckajE1JGwwJGgw

MDPH Beach Testing data from 2023 -2025 for public swimming beaches at SSCW testing sites follows.

Notes

- Data Source: <https://www.mass.gov/lists/annual-beach-reports>
- These data are collected pursuant to the minimum standards for bathing beaches. See: [105 CMR 445.000](#)
- All minimum, maximum, and geometric mean values represent colony forming units of bacteria per 100 milliliters of water (cfu/100mL)
- Geometric mean values are calculated over the entire year and are presented for informational purposes only. Values may be different than those reported elsewhere, due to differences in methodology.
- Exceedances refer to single-sample exceedances. For more information, please see: <https://matracking.ehs.state.ma.us/Environmental-Data/recreational-water/index.html>

Table 17: Beverly - Brackenbury Beach MDPH Beach WQ Testing Results
2025



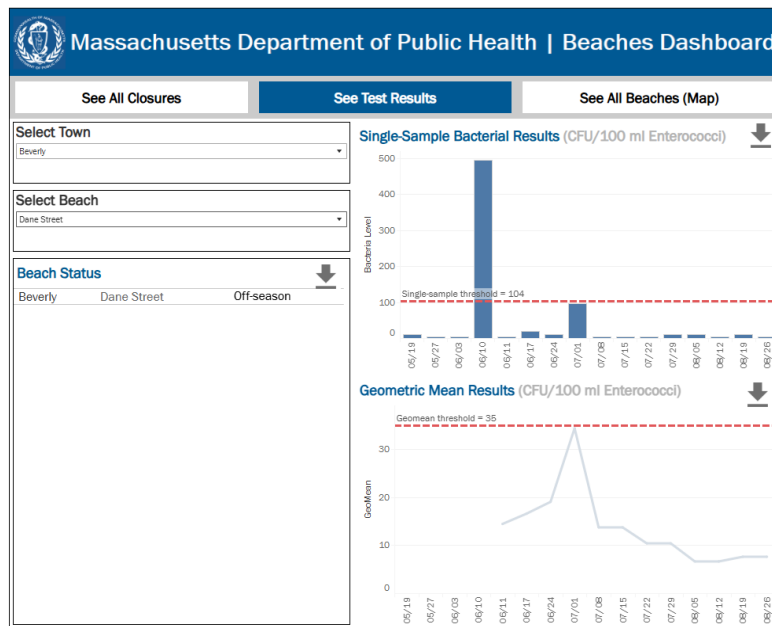
2024

Beach Sample Location: Brackenbury - Beverly - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/11/24	0.272430556	Enterococci	Beverly	10	No
2024	6/18/24	0.272511574	Enterococci	Beverly	135	Yes
2024	6/19/24	0.272523148	Enterococci	Beverly	52	No
2024	6/25/24	0.272592593	Enterococci	Beverly	5	No
2024	7/2/24	0.272673611	Enterococci	Beverly	5	No
2024	7/9/24	6:32	Enterococci	Beverly	10	No
2024	7/16/24	6:32	Enterococci	Beverly	41	No
2024	7/23/24	6:33	Enterococci	Beverly	20	No
2024	7/30/24	6:33	Enterococci	Beverly	52	No
2024	8/6/24	6:33	Enterococci	Beverly	63	No
2024	8/13/24	6:33	Enterococci	Beverly	5	No
2024	8/20/24	6:33	Enterococci	Beverly	20	No
2024	8/27/24	6:33	Enterococci	Beverly	5	No

2023

Beach Sample Location: Brackenbury - Beverly - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/13/23	9:30	Enterococci	Beverly	211	Yes
2023	6/14/23	10:55	Enterococci	Beverly	41	No
2023	6/20/23	12:27	Enterococci	Beverly	20.5	No
2023	6/27/23	8:43	Enterococci	Beverly	1,153	Yes
2023	6/28/23	11:10	Enterococci	Beverly	85	No
2023	7/5/23	11:45	Enterococci	Beverly	10	No
2023	7/6/23	13:45	Enterococci	Beverly	10	No
2023	7/6/23	5:20	Enterococci	Beverly	41	No
2023	7/7/23	6:45	Enterococci	Beverly	313	Yes
2023	7/9/23	5:20	Enterococci	Beverly	41	No
2023	7/11/23	7:45	Enterococci	Beverly	96	No
2023	7/12/23	8:05	Enterococci	Beverly	5	No
2023	7/13/23	12:35	Enterococci	Beverly	20	No
2023	7/13/23	6:15	Enterococci	Beverly	5	No
2023	7/18/23	11:55	Enterococci	Beverly	134	Yes
2023	7/19/23	1:15	Enterococci	Beverly	5	No
2023	7/25/23	7:10	Enterococci	Beverly	85	No
2023	8/1/23	8:30	Enterococci	Beverly	31	No
2023	8/8/23	7:15	Enterococci	Beverly	345	Yes
2023	8/9/23	10:20	Enterococci	Beverly	52	No
2023	8/15/23	8:40	Enterococci	Beverly	631	Yes
2023	8/16/23	12:00	Enterococci	Beverly	5	No
2023	8/22/23	12:40	Enterococci	Beverly	10	No
2023	8/24/23	8:45	Enterococci	Beverly	5	No
2023	8/29/23	8:40	Enterococci	Beverly	41	No

Table 18: Beverly - Dane Street Beach MDPH Beach WQ Testing Results
2025



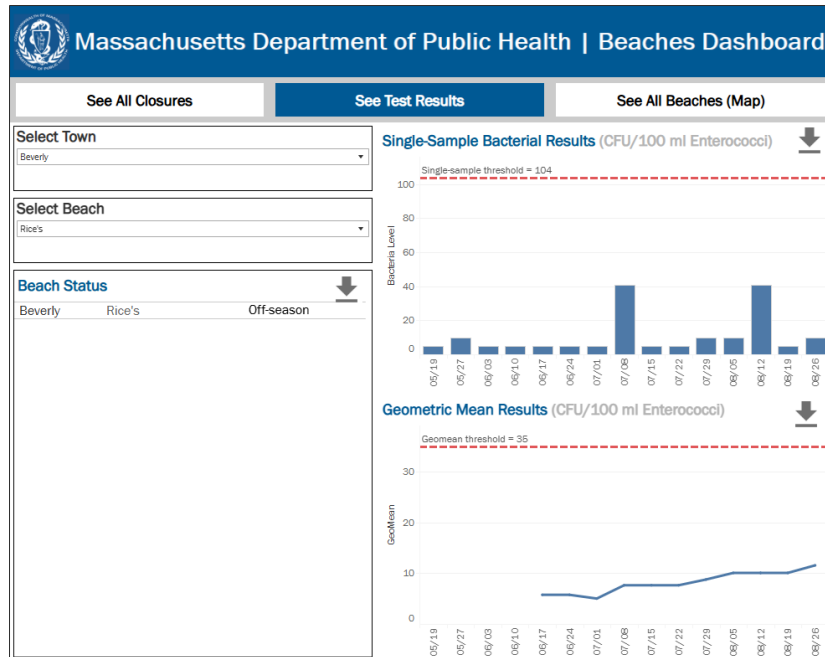
2024

Beach Sample Location: Dane Street - Beverly - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/11/24	6:32	Enterococci	Beverly	10	No
2024	6/18/24	6:32	Enterococci	Beverly	5	No
2024	6/25/24	6:32	Enterococci	Beverly	5	No
2024	7/2/24	6:32	Enterococci	Beverly	5	No
2024	7/9/24	6:32	Enterococci	Beverly	20	No
2024	7/16/24	6:32	Enterococci	Beverly	5	No
2024	7/23/24	6:33	Enterococci	Beverly	20	No
2024	7/30/24	6:33	Enterococci	Beverly	41	No
2024	8/6/24	6:33	Enterococci	Beverly	143	Yes
2024	8/13/24	6:33	Enterococci	Beverly	5	No
2024	8/20/24	6:33	Enterococci	Beverly	75	No
2024	8/21/24	6:33	Enterococci	Beverly	5	No
2024	8/27/24	6:33	Enterococci	Beverly	10	No

2023

Beach Sample Location: Dane Street - Beverly - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/13/23	9:00	Enterococci	Beverly	496	Yes
2023	6/14/23	11:15	Enterococci	Beverly	41	No
2023	6/20/23	13:01	Enterococci	Beverly	41	No
2023	6/27/23	8:13	Enterococci	Beverly	3,448	Yes
2023	6/28/23	10:40	Enterococci	Beverly	96	No
2023	7/5/23	12:50	Enterococci	Beverly	31	No
2023	7/6/23	14:00	Enterococci	Beverly	31	No
2023	7/6/23	5:10	Enterococci	Beverly	75	No
2023	7/7/23	6:20	Enterococci	Beverly	5	No
2023	7/11/23	7:00	Enterococci	Beverly	256	Yes
2023	7/12/23	7:55	Enterococci	Beverly	5	No
2023	7/13/23	6:35	Enterococci	Beverly	10	No
2023	7/18/23	12:25	Enterococci	Beverly	41	No
2023	7/25/23	6:40	Enterococci	Beverly	30	No
2023	8/1/23	9:05	Enterococci	Beverly	5	No
2023	8/8/23	6:40	Enterococci	Beverly	465	Yes
2023	8/9/23	10:10	Enterococci	Beverly	10	No
2023	8/15/23	9:15	Enterococci	Beverly	275	Yes
2023	8/16/23	23:15	Enterococci	Beverly	10	No
2023	8/17/23	14:15	Enterococci	Beverly	41	No
2023	8/21/23	11:40	Enterococci	Beverly	5	No
2023	8/22/23	13:20	Enterococci	Beverly	41	No
2023	8/29/23	9:10	Enterococci	Beverly	52	No

Table 19: Beverly - Rice's Beach MDPH Beach WQ Testing Results
2025



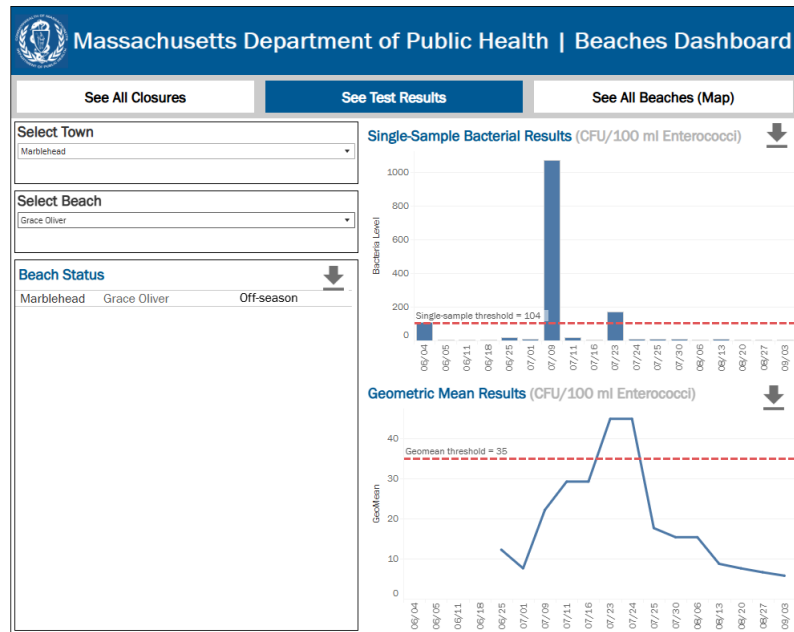
2024

Beach Sample Location: Rice's - Beverly - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/11/24	6:32	Enterococci	Beverly	5	No
2024	6/18/24	6:32	Enterococci	Beverly	5	No
2024	6/25/24	6:32	Enterococci	Beverly	5	No
2024	7/2/24	6:32	Enterococci	Beverly	5	No
2024	7/9/24	6:32	Enterococci	Beverly	10	No
2024	7/16/24	6:32	Enterococci	Beverly	5	No
2024	7/23/24	6:33	Enterococci	Beverly	5	No
2024	7/30/24	6:33	Enterococci	Beverly	10	No
2024	8/6/24	6:33	Enterococci	Beverly	30	No
2024	8/13/24	6:33	Enterococci	Beverly	5	No
2024	8/20/24	6:33	Enterococci	Beverly	41	No
2024	8/27/24	6:33	Enterococci	Beverly	5	No

2023

Beach Sample Location: Rice's - Beverly - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/13/23	9:20	Enterococci	Beverly	31	No
2023	6/20/23	12:36	Enterococci	Beverly	5	No
2023	6/27/23	8:32	Enterococci	Beverly	266	Yes
2023	6/28/23	11:00	Enterococci	Beverly	52	No
2023	7/5/23	12:20	Enterococci	Beverly	20	No
2023	7/7/23	6:30	Enterococci	Beverly	10	No
2023	7/11/23	7:35	Enterococci	Beverly	10	No
2023	7/18/23	12:05	Enterococci	Beverly	5	No
2023	7/25/23	7:00	Enterococci	Beverly	52	No
2023	8/1/23	8:40	Enterococci	Beverly	5	No
2023	8/8/23	7:05	Enterococci	Beverly	41	No
2023	8/15/23	8:55	Enterococci	Beverly	2,064	Yes
2023	8/16/23	11:45	Enterococci	Beverly	10	No
2023	8/22/23	12:55	Enterococci	Beverly	5	No
2023	8/29/23	8:50	Enterococci	Beverly	41	No
2023	8/31/23	10:20	Enterococci	Beverly	10	No
2023	8/31/23	15:00	Enterococci	Beverly	30	No

Table 20: Marblehead - Grace Oliver MDPH Beach WQ Testing Results
2025



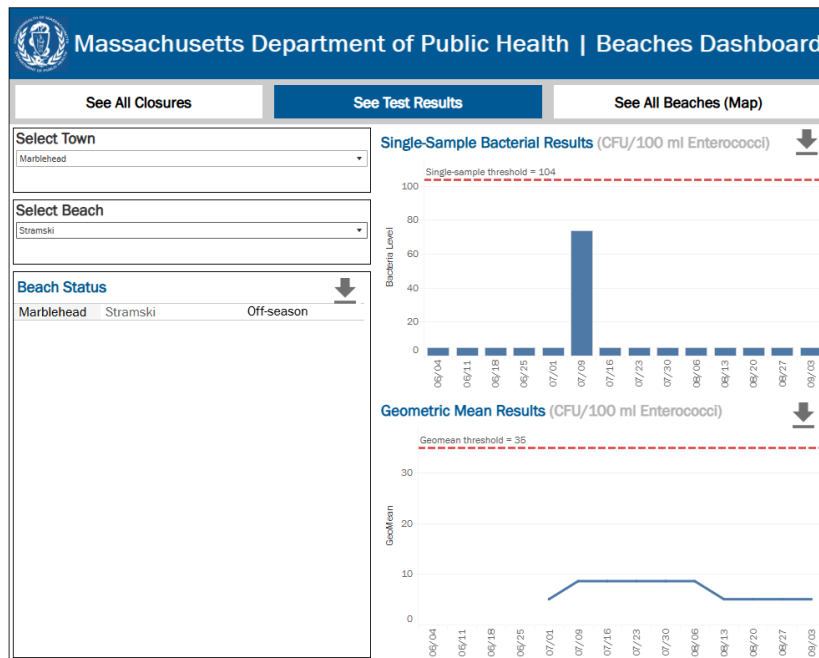
2024

Beach Sample Location: Grace Oliver - Marblehead - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/12/24	6:32	Enterococci	Marblehead	5	No
2024	6/17/24	6:32	Enterococci	Marblehead	20	No
2024	6/26/24	6:32	Enterococci	Marblehead	5	No
2024	7/2/24	6:32	Enterococci	Marblehead	5	No
2024	7/10/24	6:32	Enterococci	Marblehead	201	Yes
2024	7/11/24	6:32	Enterococci	Marblehead	31	No
2024	7/17/24	6:32	Enterococci	Marblehead	63	No
2024	7/24/24	6:33	Enterococci	Marblehead	110	Yes
2024	7/25/24	6:33	Enterococci	Marblehead	5	No
2024	7/31/24	6:33	Enterococci	Marblehead	10	No
2024	8/1/24	6:33	Enterococci	Marblehead	20	No
2024	8/7/24	6:33	Enterococci	Marblehead	1,119	Yes
2024	8/8/24	6:33	Enterococci	Marblehead	10	No
2024	8/14/24	6:33	Enterococci	Marblehead	5	No
2024	8/21/24	6:33	Enterococci	Marblehead	20	No
2024	8/28/24	6:33	Enterococci	Marblehead	5	No
2024	9/4/24	6:33	Enterococci	Marblehead	10	No
2024	9/11/24	6:33	Enterococci	Marblehead	5	No

2023

Beach Sample Location: Grace Oliver - Marblehead - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/14/23	8:52	Enterococci	Marblehead	41	No
2023	6/21/23	13:18	Enterococci	Marblehead	5	No
2023	6/28/23	7:27	Enterococci	Marblehead	63	No
2023	7/5/23	1:25	Enterococci	Marblehead	5	No
2023	7/12/23	7:32	Enterococci	Marblehead	5	No
2023	7/19/23	12:26	Enterococci	Marblehead	30	No
2023	7/26/23	6:45	Enterococci	Marblehead	20	No
2023	8/2/23	11:29	Enterococci	Marblehead	142	Yes
2023	8/3/23	12:50	Enterococci	Marblehead	85	No
2023	8/9/23	6:48	Enterococci	Marblehead	20	No
2023	8/10/23	7:43	Enterococci	Marblehead	41	No
2023	8/11/23	8:00	Enterococci	Marblehead	10	No
2023	8/16/23	11:50	Enterococci	Marblehead	52	No
2023	8/23/23	7:23	Enterococci	Marblehead	20	No
2023	8/30/23	10:48	Enterococci	Marblehead	1,354	Yes
2023	8/31/23	12:12	Enterococci	Marblehead	31	No
2023	9/6/23	8:15	Enterococci	Marblehead	52	No
2023	9/7/23	12:15	Enterococci	Marblehead	5	No

Table 21: **Marblehead - Stramski Beach MDPH Beach WQ Testing Results**
2025



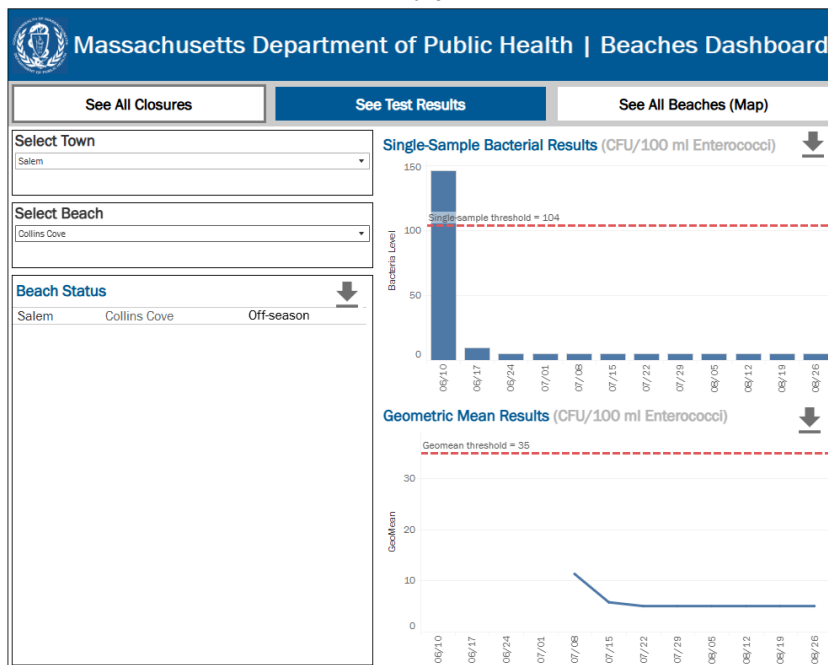
2024

Beach Sample Location: Stramski - Marblehead - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/12/24	0.27244213	Enterococci	Marblehead	5	No
2024	6/17/24	6:32	Enterococci	Marblehead	5	No
2024	6/26/24	6:32	Enterococci	Marblehead	10	No
2024	7/2/24	6:32	Enterococci	Marblehead	20	No
2024	7/10/24	6:32	Enterococci	Marblehead	20	No
2024	7/17/24	6:32	Enterococci	Marblehead	5	No
2024	7/24/24	6:33	Enterococci	Marblehead	20	No
2024	7/31/24	6:33	Enterococci	Marblehead	5	No
2024	8/7/24	6:33	Enterococci	Marblehead	31	No
2024	8/14/24	6:33	Enterococci	Marblehead	5	No
2024	8/21/24	6:33	Enterococci	Marblehead	20	No
2024	8/28/24	6:33	Enterococci	Marblehead	5	No
2024	9/4/24	6:33	Enterococci	Marblehead	5	No
2024	9/11/24	6:33	Enterococci	Marblehead	5	No

2023

Beach Sample Location: Stramski - Marblehead - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/14/23	9:03	Enterococci	Marblehead	5	No
2023	6/21/23	13:25	Enterococci	Marblehead	5	No
2023	6/28/23	7:38	Enterococci	Marblehead	5	No
2023	7/5/23	1:37	Enterococci	Marblehead	5	No
2023	7/12/23	7:55	Enterococci	Marblehead	30	No
2023	7/19/23	12:39	Enterococci	Marblehead	5	No
2023	7/26/23	6:53	Enterococci	Marblehead	41	No
2023	8/2/23	11:36	Enterococci	Marblehead	5	No
2023	8/9/23	6:59	Enterococci	Marblehead	52	No
2023	8/16/23	12:00	Enterococci	Marblehead	5	No
2023	8/23/23	7:30	Enterococci	Marblehead	5	No
2023	8/30/23	10:58	Enterococci	Marblehead	20	No
2023	9/6/23	8:20	Enterococci	Marblehead	5	No

Table 22: Salem - Collins Cove MDPH Beach WQ Testing Results
2025



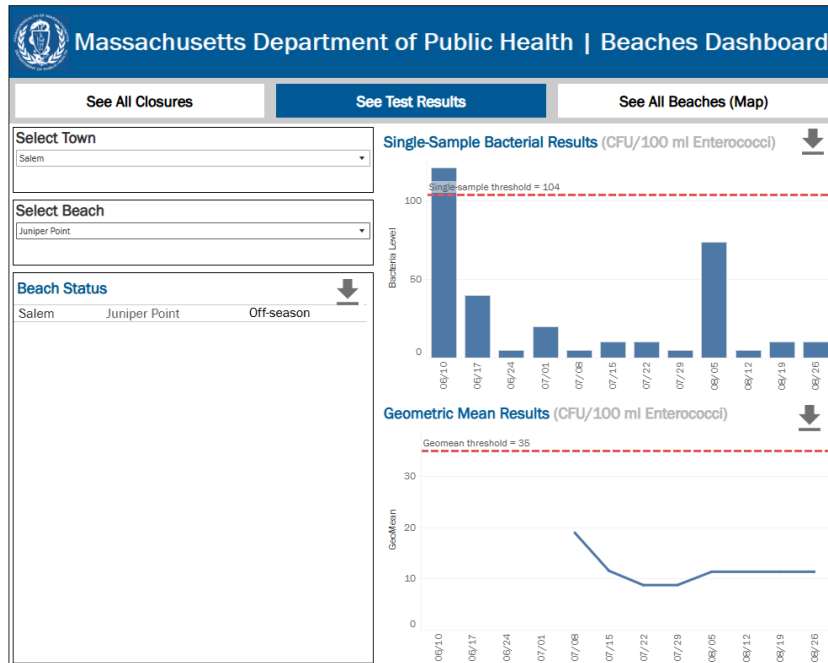
2024

Beach Sample Location: Collins Cove - Salem - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/11/24	6:32	Enterococci	Salem	5	No
2024	6/18/24	6:32	Enterococci	Salem	5	No
2024	6/25/24	6:32	Enterococci	Salem	5	No
2024	7/2/24	6:32	Enterococci	Salem	5	No
2024	7/9/24	6:32	Enterococci	Salem	5	No
2024	7/16/24	6:32	Enterococci	Salem	5	No
2024	7/23/24	6:33	Enterococci	Salem	5	No
2024	7/30/24	6:33	Enterococci	Salem	5	No
2024	8/6/24	6:33	Enterococci	Salem	364	Yes
2024	8/13/24	6:33	Enterococci	Salem	20	No
2024	8/20/24	6:33	Enterococci	Salem	5	No
2024	8/27/24	6:33	Enterococci	Salem	10	No

2023

Beach Sample Location: Collins Cove - Salem - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/13/23	9:30	Enterococci	Salem	31	No
2023	6/20/23	14:07	Enterococci	Salem	5	No
2023	6/27/23	7:00	Enterococci	Salem	5	No
2023	7/5/23	14:15	Enterococci	Salem	20	No
2023	7/11/23	7:02	Enterococci	Salem	146	Yes
2023	7/12/23	12:24	Enterococci	Salem	5	No
2023	7/18/23	14:14	Enterococci	Salem	5	No
2023	7/25/23	7:15	Enterococci	Salem	5	No
2023	8/1/23	9:45	Enterococci	Salem	41	No
2023	8/8/23	6:37	Enterococci	Salem	5	No
2023	8/15/23	9:48	Enterococci	Salem	631	Yes
2023	8/22/23	13:48	Enterococci	Salem	10	No
2023	8/29/23	8:28	Enterococci	Salem	10	No

Table 23: Salem - Juniper Beach MDPH Beach WQ Testing Results
2025



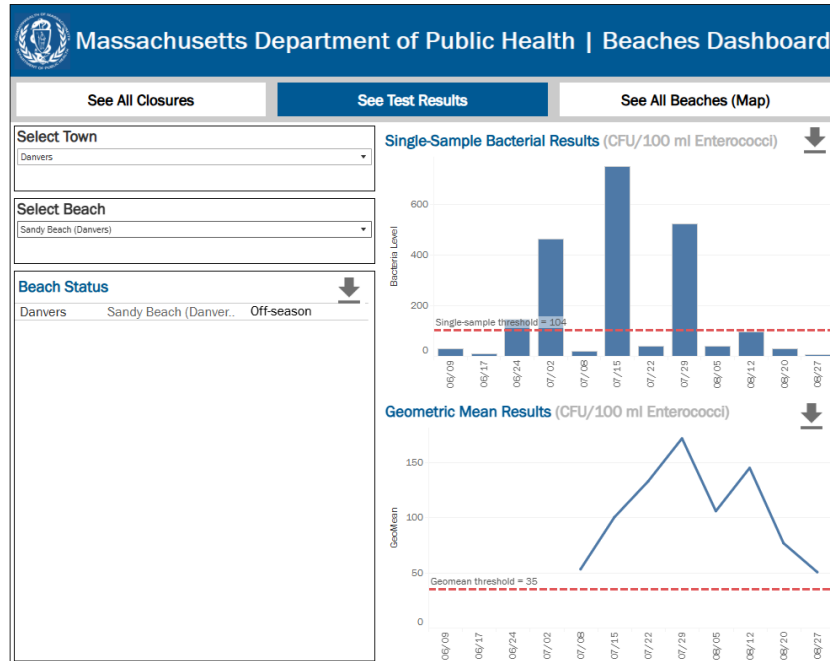
2024

Beach Sample Location: Juniper Point - Salem - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	6/11/24	6:32	Enterococci	Salem	5	No
2024	6/18/24	6:32	Enterococci	Salem	5	No
2024	6/25/24	6:32	Enterococci	Salem	5	No
2024	7/2/24	6:32	Enterococci	Salem	5	No
2024	7/9/24	6:32	Enterococci	Salem	20	No
2024	7/16/24	6:32	Enterococci	Salem	5	No
2024	7/23/24	6:33	Enterococci	Salem	20	No
2024	7/30/24	6:33	Enterococci	Salem	20	No
2024	8/6/24	6:33	Enterococci	Salem	173	Yes
2024	8/13/24	6:33	Enterococci	Salem	10	No
2024	8/20/24	6:33	Enterococci	Salem	31	No
2024	8/27/24	6:33	Enterococci	Salem	5	No

2023

Beach Sample Location: Juniper Point - Salem - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/13/23	9:03	Enterococci	Salem	216	Yes
2023	6/20/23	13:35	Enterococci	Salem	30	No
2023	6/27/23	6:37	Enterococci	Salem	5	No
2023	7/5/23	13:40	Enterococci	Salem	5	No
2023	7/11/23	6:37	Enterococci	Salem	20	No
2023	7/18/23	13:45	Enterococci	Salem	5	No
2023	7/25/23	6:50	Enterococci	Salem	5	No
2023	8/1/23	9:25	Enterococci	Salem	31	No
2023	8/8/23	6:15	Enterococci	Salem	10	No
2023	8/15/23	9:27	Enterococci	Salem	1,137	Yes
2023	8/22/23	13:20	Enterococci	Salem	5	No
2023	8/29/23	8:50	Enterococci	Salem	74	No

Table 24: Danvers - Sandy Beach MDPH Beach WQ Testing Results
2025



2024

Beach Sample Location: Sandy Beach (Danvers) - Danvers - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2024	5/20/24	6:31	Enterococci	Danvers	75	No
2024	5/28/24	6:32	Enterococci	Danvers	528	Yes
2024	5/29/24	6:32	Enterococci	Danvers	5	No
2024	6/4/24	6:32	Enterococci	Danvers	20	No
2024	6/11/24	6:32	Enterococci	Danvers	10	No
2024	6/18/24	6:32	Enterococci	Danvers	41	No
2024	6/25/24	6:32	Enterococci	Danvers	10	No
2024	7/2/24	6:32	Enterococci	Danvers	20	No
2024	7/9/24	6:32	Enterococci	Danvers	171	Yes
2024	7/16/24	6:32	Enterococci	Danvers	31	No
2024	7/23/24	6:33	Enterococci	Danvers	84	No
2024	7/25/24	6:33	Enterococci	Danvers	181	Yes
2024	7/30/24	6:33	Enterococci	Danvers	52	No
2024	8/6/24	6:33	Enterococci	Danvers	110	Yes
2024	8/14/24	6:33	Enterococci	Danvers	110	Yes
2024	8/20/24	6:33	Enterococci	Danvers	171	Yes
2024	8/28/24	6:33	Enterococci	Danvers	73	No

2023

Beach Sample Location: Sandy Beach (Danvers) - Danvers - Essex County						
Year	Sample Date	Sample Time	Organism	Community	Indicator Level	Violation
2023	6/13/23	10:35	Enterococci	Danvers	809	Yes
2023	6/20/23	14:00	Enterococci	Danvers	41	No
2023	6/27/23	10:25	Enterococci	Danvers	30	No
2023	7/5/23	14:45	Enterococci	Danvers	41	No
2023	7/11/23	9:30	Enterococci	Danvers	75	No
2023	7/18/23	9:52	Enterococci	Danvers	119	Yes
2023	7/25/23	8:42	Enterococci	Danvers	52	No
2023	8/1/23	8:38	Enterococci	Danvers	148	Yes
2023	8/8/23	9:32	Enterococci	Danvers	20	No
2023	8/15/23	9:35	Enterococci	Danvers	368	Yes
2023	8/22/23	14:05	Enterococci	Danvers	20	No
2023	8/29/23	10:30	Enterococci	Danvers	134	Yes