

Totten Inlet

Annual Shellfish Growing Area Review



Prepared By: Fiona Dahl

Area: Totten Inlet

Year Ending: December 31, 2024

Classification: Approved

Activities in the Growing Area in 2024

The growing area was sampled seven times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. There was one additional sampling event to make up for a missed sampling event in 2023. The Department re-evaluated drainage site 10D17 associated with six closed parcels. The Department will continue sampling site 10D17 in 2025 to create a more robust dataset and identify pollution sources. Thurston County and the neighboring homeowner's association continue to work on the evaluation of potential pollution sources impacting this drainage.

Thurston County Environmental Health received grant funding from the National Estuary Program to continue enhanced on-site sewage system O&M in Totten Inlet.

Analytical Results of Water Samples

Table 1 summarizes the results of the last 30 samples collected from the area. This summary shows that all stations pass the NSSP water quality standard.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating that the area has new sources of pollution.

Classification Status

- Well within the classification standards
- Meets standards, but threatened with downgrade in classification
- Fails to meet current classification standards

Remarks and Recommendations

Table 1 shows that all stations meet the NSSP water quality standard for an Approved classification and the area is correctly classified.

TABLE 1. Summary of Marine Water Data (SRS) for the Totten Inlet Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
73	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	2.0	2.9	Y
130	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	2.0	3.6	Y
131	Approved	1/14/2020 - 11/4/2024	1.7 - 33.0	2.3	5.5	Y
132	Approved	1/14/2020 - 11/4/2024	1.7 - 49.0	2.8	9.9	Y
133	Approved	1/14/2020 - 11/4/2024	1.7 - 17.0	2.2	4.8	Y
134	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	2.0	3.1	Y
135	Approved	1/14/2020 - 11/4/2024	1.7 - 13.0	2.3	4.8	Y
136	Approved	1/14/2020 - 11/4/2024	1.7 - 23.0	2.3	5.3	Y
137	Approved	1/14/2020 - 11/4/2024	1.7 - 22.0	2.8	6.8	Y
138	Approved	12/2/2019 - 11/4/2024	1.7 - 17.0	2.6	6.6	Y
139	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	2.0	3.3	Y
140	Approved	1/14/2020 - 11/4/2024	1.7 - 4.5	2.0	3.0	Y
141	Approved	1/14/2020 - 11/4/2024	1.7 - 8.3	1.9	2.9	Y
142	Approved	1/14/2020 - 11/4/2024	1.7 - 6.8	1.9	3.0	Y
143	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	2.0	3.4	Y
144	Approved	1/14/2020 - 11/4/2024	1.7 - 4.5	1.9	2.8	Y
145	Approved	1/14/2020 - 11/4/2024	1.7 - 11.0	2.1	4.0	Y
146	Approved	1/14/2020 - 11/4/2024	1.7 - 13.0	2.5	5.1	Y
147	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	1.9	2.9	Y
148	Approved	1/14/2020 - 11/4/2024	1.7 - 11.0	2.2	4.3	Y
149	Approved	1/14/2020 - 11/4/2024	1.7 - 4.5	1.9	2.5	Y
150	Approved	12/2/2019 - 11/4/2024	1.7 - 6.8	1.9	2.8	Y

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
151	Approved	1/14/2020 - 11/4/2024	1.7 - 17.0	2.0	3.7	Y
547	Approved	1/14/2020 - 11/4/2024	1.7 - 4.5	1.9	2.6	Y
584	Approved	1/14/2020 - 11/4/2024	1.7 - 46.0	2.5	6.3	Y
593	Approved	1/14/2020 - 11/4/2024	1.7 - 23.0	2.6	7.0	Y
649	Approved	12/2/2019 - 11/4/2024	1.7 - 33.0	2.5	6.4	Y
680	Approved	1/14/2020 - 11/4/2024	1.7 - 7.8	1.8	2.6	Y
681	Approved	1/14/2020 - 11/4/2024	1.7 - 4.5	1.8	2.3	Y
799	Approved	1/14/2020 - 11/4/2024	1.7 - 79.0	2.7	9.7	Y

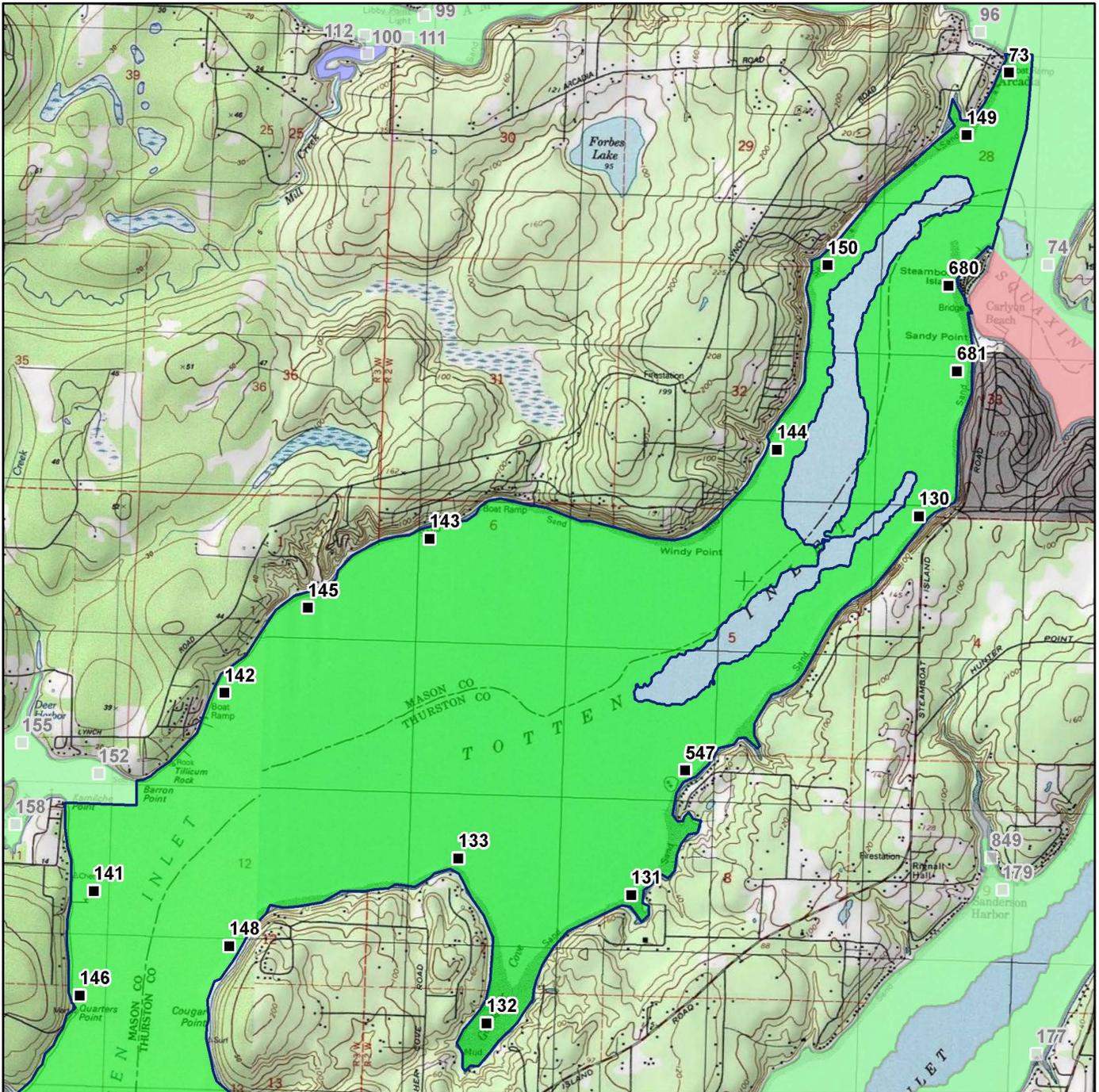
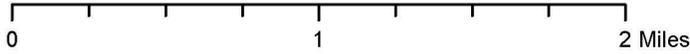
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Totten Inlet Growing Area (Map 1 of 2)

Totten Inlet (1 of 2)

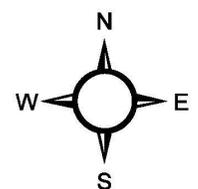


Date Updated: 7/11/2018



Classification	
■	Approved
■	Conditional
■	Prohibited
■	Restricted
■	Unclassified

Sampling Stations



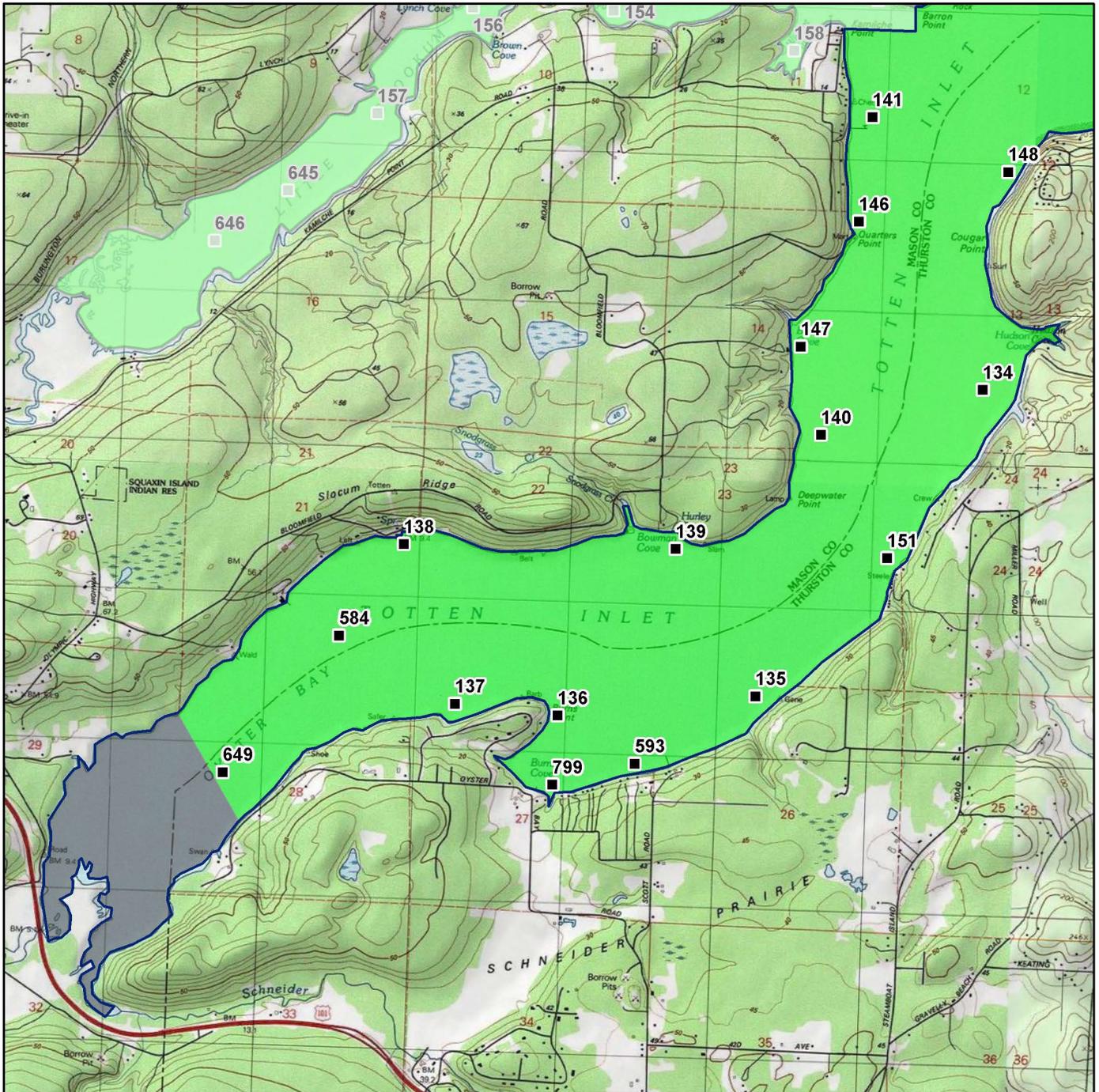
* Some sampling stations are highlighted with grey box for ease of reading.

MAP 2. Totten Inlet Growing Area (Map 2 of 2)

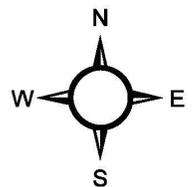
Totten Inlet (2 of 2)



Date Updated: 7/11/2018



Classification	Sampling Stations
Approved	Sampling Station
Conditional	
Prohibited	
Restricted	
Unclassified	



* Some sampling stations are highlighted with grey box for ease of reading.