

# Totten Inlet

## Annual Shellfish Growing Area Review



Prepared By: Casey Deligeannis

Area: Totten Inlet

Year Ending: December 31, 2019

Classification: Approved

### Activities in the Growing Area in 2019

The growing area was sampled a minimum of six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. The area was closed for five days from 12/20/2019 to 12/25/2019 due to 4.31 inches of rain at the Olympia Airport rain gauge.

### Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent samples collected from the area. All stations meet 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 some concerns
- 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) 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 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
73	Approved	2/9/2015 - 12/2/2019	1.7 - 4.5	2.0	3.1	Y
130	Approved	2/9/2015 - 12/2/2019	1.7 - 4.5	1.9	2.5	Y
131	Approved	2/9/2015 - 12/2/2019	1.7 - 23.0	2.3	5.2	Y
132	Approved	2/9/2015 - 12/2/2019	1.7 - 49.0	2.5	6.8	Y
133	Approved	2/9/2015 - 12/2/2019	1.7 - 11.0	2.3	5.0	Y
134	Approved	2/9/2015 - 12/2/2019	1.7 - 7.8	1.9	2.8	Y
135	Approved	2/9/2015 - 12/2/2019	1.7 - 13.0	2.2	4.3	Y
136	Approved	2/9/2015 - 12/2/2019	1.7 - 11.0	2.5	5.4	Y
137	Approved	2/9/2015 - 12/2/2019	1.7 - 33.0	3.5	11.9	Y
138	Approved	2/9/2015 - 12/2/2019	1.7 - 46.0	2.6	7.1	Y
139	Approved	2/9/2015 - 12/2/2019	1.7 - 7.8	2.0	3.3	Y
140	Approved	2/9/2015 - 12/2/2019	1.7 - 7.8	1.9	2.9	Y
141	Approved	2/9/2015 - 12/2/2019	1.7 - 4.5	1.9	2.6	Y
142	Approved	2/9/2015 - 12/2/2019	1.7 - 7.8	2.2	4.1	Y
143	Approved	2/9/2015 - 12/2/2019	1.7 - 4.5	1.9	2.8	Y
144	Approved	2/9/2015 - 12/2/2019	1.7 - 11.0	2.0	3.4	Y
145	Approved	2/9/2015 - 12/2/2019	1.7 - 17.0	2.1	3.9	Y
146	Approved	2/9/2015 - 12/2/2019	1.7 - 13.0	2.2	4.2	Y
147	Approved	2/9/2015 - 12/2/2019	1.7 - 4.5	1.9	2.5	Y
148	Approved	2/9/2015 - 12/2/2019	1.7 - 7.8	2.0	3.2	Y
149	Approved	2/9/2015 - 12/2/2019	1.7 - 14.0	2.0	3.6	Y
150	Approved	2/9/2015 - 12/2/2019	1.7 - 22.0	2.2	4.9	Y
151	Approved	2/9/2015 - 12/2/2019	1.7 - 49.0	2.3	5.8	Y
547	Approved	2/9/2015 - 12/2/2019	1.7 - 13.0	2.2	4.3	Y
584	Approved	2/9/2015 - 12/2/2019	1.7 - 13.0	2.1	3.9	Y
593	Approved	2/9/2015 - 12/2/2019	1.7 - 23.0	2.3	4.9	Y
649	Approved	2/9/2015 - 12/2/2019	1.7 - 33.0	3.1	8.7	Y
680	Approved	2/9/2015 - 12/2/2019	1.7 - 4.5	1.8	2.5	Y
681	Approved	2/9/2015 - 12/2/2019	1.7 - 170.0	2.2	6.7	Y
799	Approved	2/9/2015 - 12/2/2019	1.7 - 13.0	2.2	4.5	Y

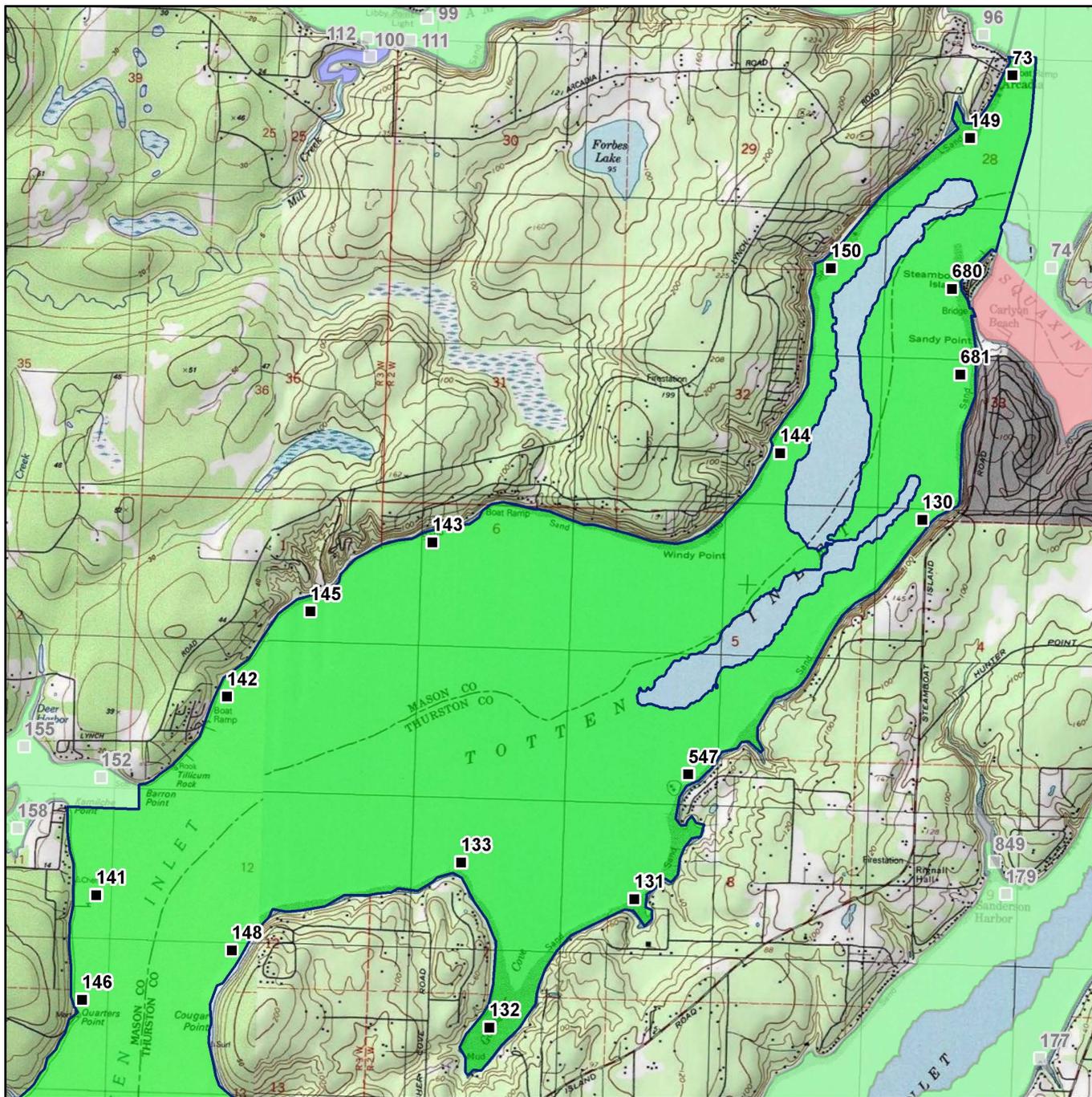
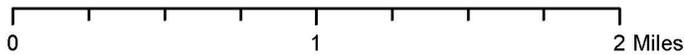
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Totten Inlet Growing Area 1 of 2

Totten Inlet (1 of 2)

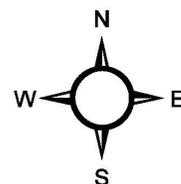


Date Updated: 7/11/2018



- Classification**
- Approved
  - Conditional
  - Prohibited
  - Restricted
  - Unclassified

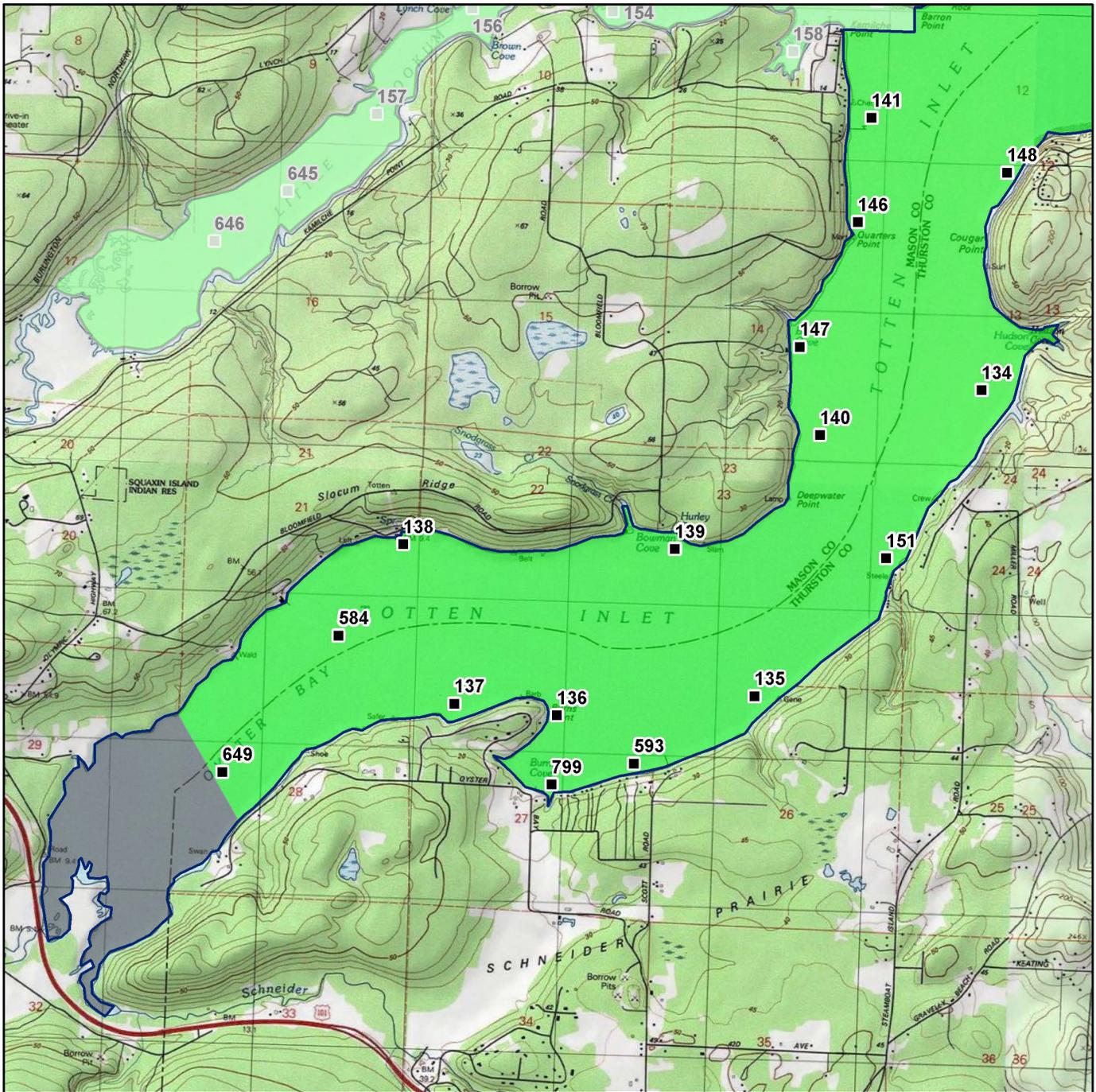
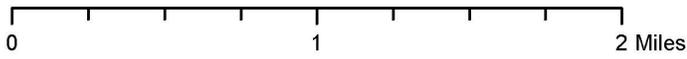
- Sampling Stations**
- 



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

MAP 2. Totten Inlet Growing Area 2 of 2

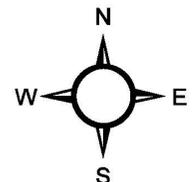
Totten Inlet (2 of 2)



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Sampling Stations



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