

Port Townsend

Annual Shellfish Growing Area Review



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Area: Port Townsend

Year Ending: December 31, 2021

Classification: Approved, Prohibited

Activities in the Growing Area in 2021

All stations in the growing area were sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Samples collected in January from Stations 38 and 44 leaked during transit and were not tested.

Jefferson County Environmental Health received EPA National Estuary Program funds for onsite septic system (OSS) repair, replacement, and decommissioning/abatement in Irondale and Port Hadlock areas. The funds support a cost-share and grant program to assist low-income residents with OSS repairs. The County implemented pollution identification and correction work and an enhanced septic system operation and maintenance program in the region using Centennial Clean Water Grant Funding and local assessment funding.

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 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) for the Port Townsend Growing Area

Sampling Event Type: Regulatory

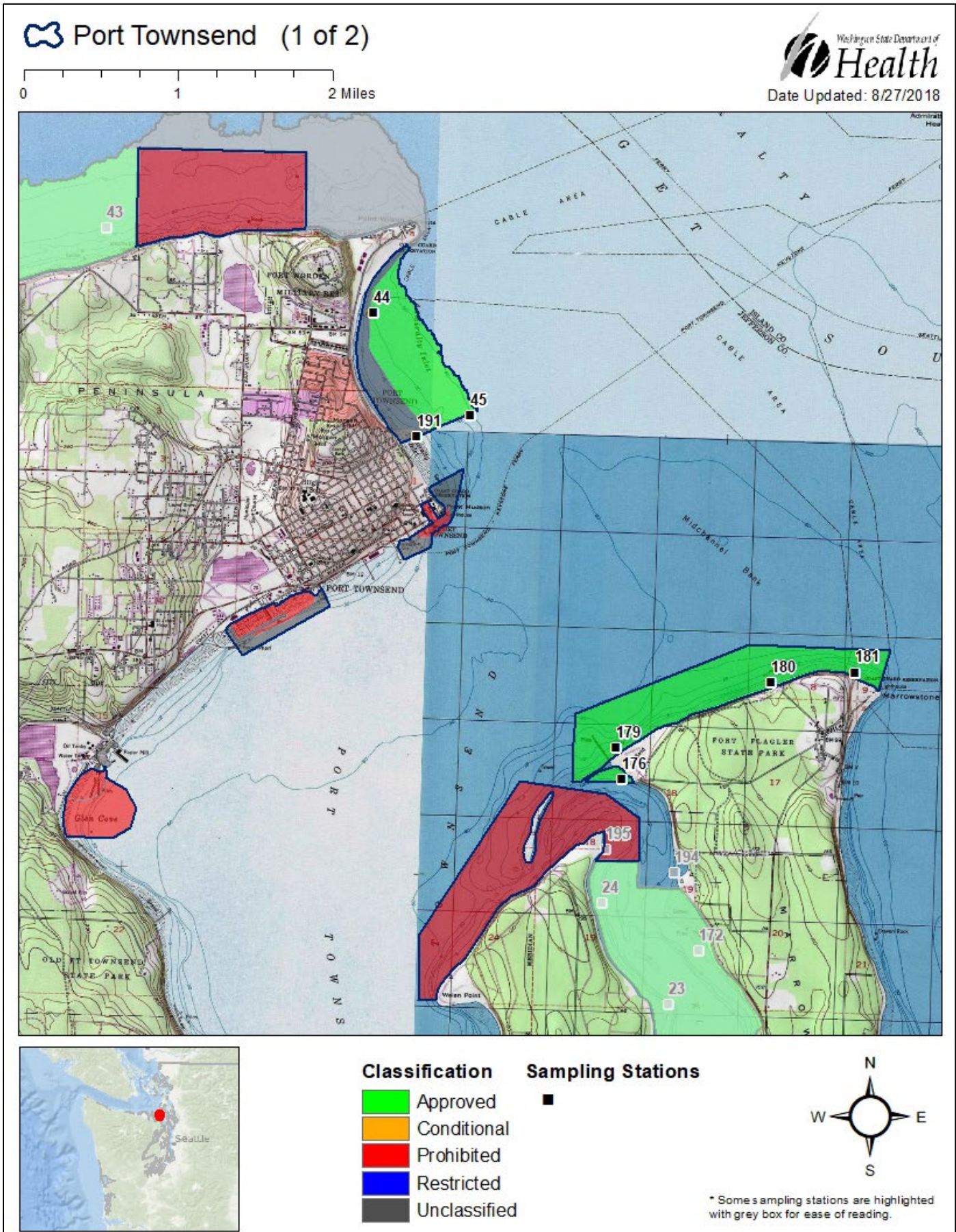
Maximum Number of Samples: 30

Tides Included: All

| Station Number | Classification | Date Range | Range (FC/100mL) | Geomean (FC/100mL) | Est. 90 th Percentile (FC/100mL) | Meets Standard |
|----------------|----------------|-----------------------|------------------|--------------------|---|----------------|
| 33 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 7.8 | 1.9 | 2.8 | Y |
| 34 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 4.5 | 1.8 | 2.5 | Y |
| 35 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 4.5 | 1.9 | 2.7 | Y |
| 44 | Approved | 12/8/2016 - 11/8/2021 | 1.7 - 33.0 | 2.4 | 7.1 | Y |
| 45 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 2.0 | 1.7 | 1.9 | Y |
| 176 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 2.0 | 1.8 | 1.9 | Y |
| 179 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 4.5 | 2.0 | 2.9 | Y |
| 180 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 3.6 | 1.8 | 2.2 | Y |
| 181 | Approved | 1/12/2017 - 11/8/2021 | 1.7 - 3.6 | 1.8 | 2.1 | Y |
| 205 | Approved | 12/6/2017 - 12/7/2021 | 1.7 - 17.0 | 3.2 | 8.5 | Y |
| 206 | Approved | 12/6/2017 - 12/7/2021 | 1.7 - 130.0 | 4.3 | 19.0 | Y |
| 38 | Prohibited | 12/8/2016 - 11/8/2021 | 1.7 - 7.8 | 2.0 | 3.2 | Y |
| 39 | Prohibited | 1/12/2017 - 11/8/2021 | 1.7 - 17.0 | 2.0 | 3.5 | Y |
| 32 | Unclassified | 1/12/2017 - 11/8/2021 | 1.7 - 11.0 | 2.2 | 4.2 | Y |
| 40 | Unclassified | 1/12/2017 - 11/8/2021 | 1.7 - 23.0 | 2.1 | 4.4 | Y |
| 186 | Unclassified | 1/12/2017 - 11/8/2021 | 1.7 - 49.0 | 2.0 | 4.5 | Y |
| 187 | Unclassified | 1/12/2017 - 11/8/2021 | 1.7 - 22.0 | 2.0 | 3.9 | Y |
| 188 | Unclassified | 1/12/2017 - 11/8/2021 | 1.7 - 11.0 | 2.0 | 3.8 | Y |
| 191 | Unclassified | 1/12/2017 - 11/8/2021 | 1.7 - 11.0 | 1.9 | 3.1 | 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. Port Townsend Growing Area 1 of 2



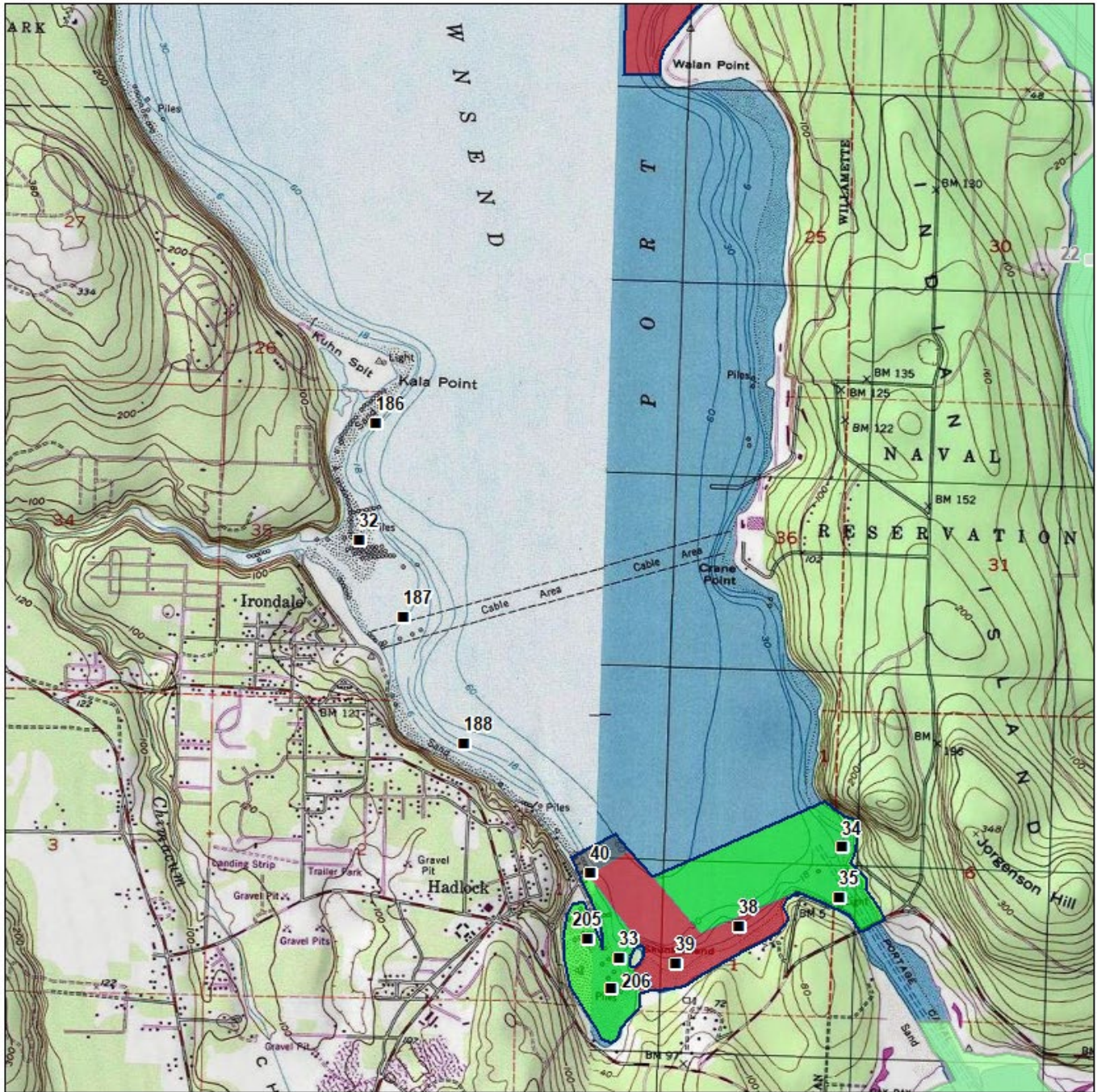
MAP 2. Port Townsend Growing Area 2 of 2

Port Townsend (2 of 2)



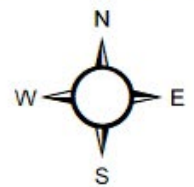
Date Updated: 12/22/2020

0 0.75 1.5 Miles



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

Sampling Stations



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