

Port Townsend

Annual Shellfish Growing Area Review



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Area: Port Townsend

Year Ending: December 31, 2024

Classification: Approved, Prohibited

Activities in the Growing Area in 2024

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria.

Jefferson County Public Health (JCPH) continued monitoring E. coli levels in Irondale Creek, which flows to Chimacum Creek Tidelands public beach near unclassified Station 187. Bacteria levels continued to be elevated during the 2024 dry season. The southern portion of the public beach remains closed for recreational shellfish harvest due to high fecal bacteria levels in the Irondale Creek drainage.

JCPH received EPA National Estuary Program funds for on-site sewage 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. JCPH also continued pollution identification and correction (PIC) and enhanced OSS operation and maintenance programs in the region. The County is implementing a PIC project in the Chimacum-Port Hadlock area.

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 Port Townsend Growing Area

Sampling Event Type: Regulatory

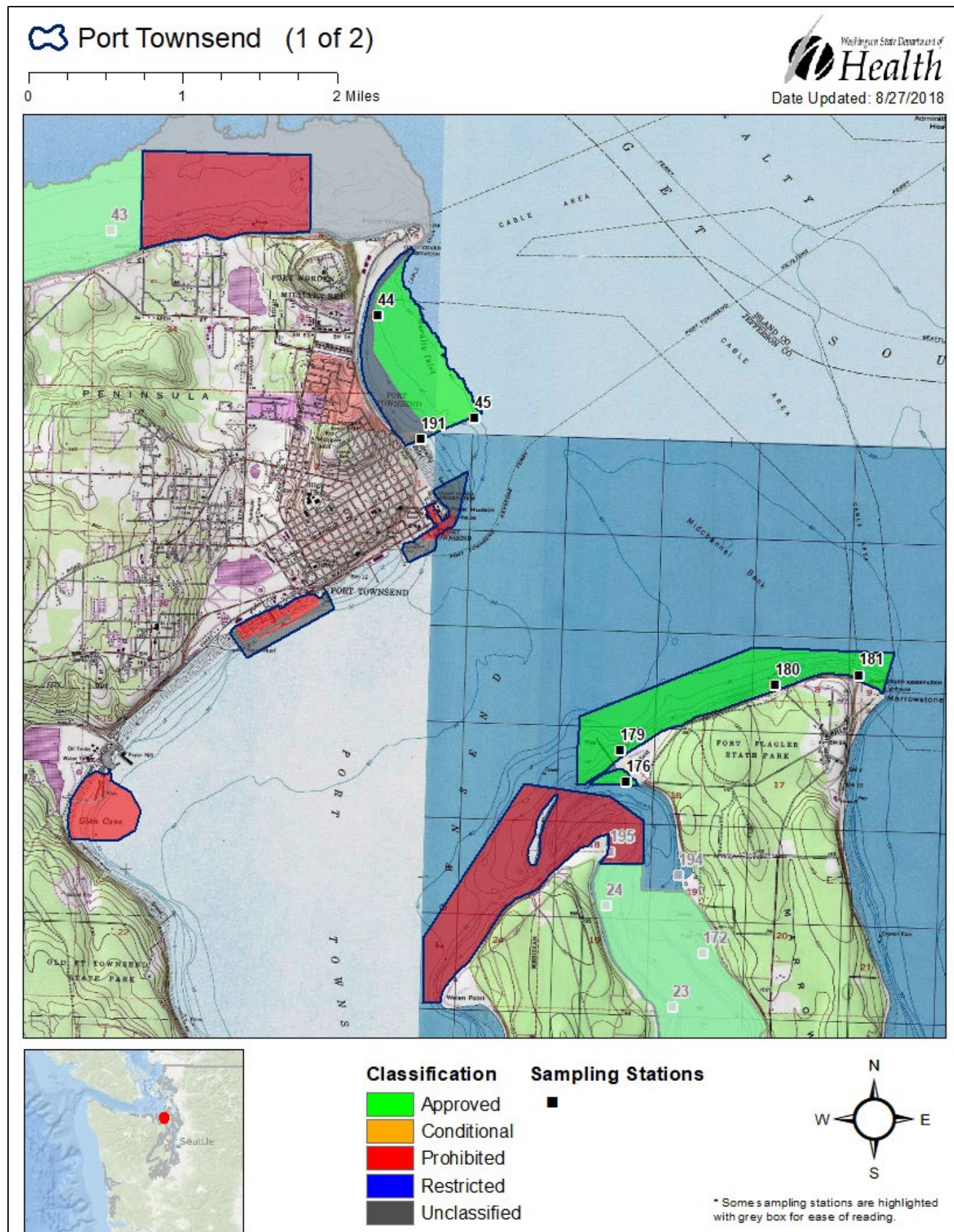
Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
33	Approved	2/6/2020 - 12/16/2024	1.7 - 13.0	2.2	4.4	Y
34	Approved	2/6/2020 - 12/16/2024	1.7 - 4.5	1.8	2.3	Y
35	Approved	2/6/2020 - 12/16/2024	1.7 - 4.5	1.8	2.5	Y
44	Approved	11/19/2019 - 12/16/2024	1.7 - 17.0	2.1	4.1	Y
45	Approved	2/6/2020 - 12/16/2024	1.7 - 2.0	1.7	1.8	Y
176	Approved	2/6/2020 - 12/16/2024	1.7 - 4.5	1.8	2.3	Y
179	Approved	2/6/2020 - 12/16/2024	1.7 - 2.0	1.7	1.9	Y
180	Approved	2/6/2020 - 12/16/2024	1.7 - 2.0	1.7	1.8	Y
181	Approved	4/6/2020 - 12/16/2024	1.7 - 2.0	1.7	1.8	Y
205	Approved	1/28/2020 - 11/20/2024	1.7 - 33.0	3.1	8.5	Y
206	Approved	1/28/2020 - 11/20/2024	1.7 - 49.0	2.8	9.9	Y
38	Prohibited	11/19/2019 - 12/16/2024	1.7 - 33.0	2.1	4.4	Y
39	Prohibited	2/6/2020 - 12/16/2024	1.7 - 17.0	2.4	5.3	Y
32	Unclassified	2/6/2020 - 12/16/2024	1.7 - 17.0	2.8	7.5	Y
40	Unclassified	2/6/2020 - 12/16/2024	1.7 - 4.5	1.8	2.3	Y
186	Unclassified	2/6/2020 - 12/16/2024	1.7 - 6.8	1.9	2.7	Y
187	Unclassified	2/6/2020 - 12/16/2024	1.7 - 4.5	1.9	2.7	Y
188	Unclassified	2/6/2020 - 12/16/2024	1.7 - 11.0	2.0	3.6	Y
191	Unclassified	11/19/2019 - 12/16/2024	1.7 - 2.0	1.7	1.8	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)



Port Townsend (2 of 2)

Scale: 0 to 1.5 Miles

Washington State Department of Health
Date Updated: 12/22/2020

The map displays the Port Townsend area, including the town of Port Townsend, the Naval Reservation, and the town of Irondale. Key features include the Willamette River, the Port of Port Townsend, and the town of Irondale. The map is overlaid with a grid of sampling stations, numbered 25 through 40. The stations are color-coded according to their classification: Approved (green), Conditional (orange), Prohibited (red), Restricted (blue), and Unclassified (grey). The map also shows various land use features, including roads, trails, and topographic contours.

Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

Sampling Stations

25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40

W N S E N D
P O R T
WILLAMETTE
NAVAL RESERVATION
Irondale
Hadlock
Jorgenson Hill
Washouli

Scale: 0 to 1.5 Miles

Washington State Department of Health
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* Some sampling stations are highlighted with grey box for ease of reading.