

# Jamestown

## Annual Shellfish Growing Area Review



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Area: Jamestown

Year Ending: December 31, 2021

Classification: Approved

### Activities in the Growing Area in 2021

The eastern half of the growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. The western half (stations 101, 102, 182, and 193) were sampled five times. These stations were not sampled because one sampling event occurring during an emergency closure in the western half of the growing area due to Dungeness River flooding. The closure lasted seven days (11/15/21 to 11/22/21). Staffing/COVID issues did not allow the sampling event to be made up.

Clallam County Environmental Health received EPA National Estuary Program funds to implement a pollution identification and correction project and to enhance their septic system operations and maintenance program in the Sequim Bay-Dungeness Watershed Clean Water District. Clean Water Work Group meetings continue to occur quarterly.

### 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 meet the NSSP water quality standard. Station 102 is in Concerned status with an estimated 90<sup>th</sup> percentile of 25.7 FC/100 mL.

Station 199, in the Dungeness Bay Shellfish Growing area, fails the NSSP standard, although Station 182 in the Jamestown Growing Area may support the sanitary line placement.

### 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. Based on the evaluation of marine water quality at Station 199 in the Dungeness Bay Shellfish Growing Area, the Department should evaluate the classification near Station 182.

**TABLE 1. Summary of Marine Water Data (SRS) for the Jamestown 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
99	Approved	12/14/2016 - 11/17/2021	1.7 - 49.0	2.2	5.9	Y
100	Approved	12/14/2016 - 11/17/2021	1.7 - 33.0	3.3	11.9	Y
101	Approved	11/15/2016 - 9/27/2021	1.7 - 49.0	3.5	12.3	Y
102	Approved	11/7/2016 - 9/27/2021	1.7 - 2400.0	3.9	25.7	Y
182	Approved	11/7/2016 - 9/27/2021	1.7 - 23.0	3.8	14.1	Y
193	Approved	11/7/2016 - 9/27/2021	1.7 - 33.0	2.1	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 standard

# MAP 1. Jamestown Growing Area

