

Southwest Whidbey Island

Annual Shellfish Growing Area Review



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Area: Southwest Whidbey Island

Year Ending: December 31, 2022

Classification: Approved, Prohibited

Activities in the Growing Area in 2022

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Stations 246, 247, 255, 256, 257, 258, 260, 309 switched to Active status in April 2022 and the Department sampled them throughout the year. Follow up sampling began at six drainages including three stormwater drainages in the Closed status area near Dave Mackie Park.

The Island County Health Department received grant funding from National Estuary Program to continue enhanced operations and maintenance and community outreach projects in the Maxwellton 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 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 Southwest Whidbey Island 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
248	Approved	1/10/2018 - 12/15/2022	1.7 - 4.5	1.8	2.3	Y
249	Approved	1/10/2018 - 12/15/2022	1.7 - 1.7	1.7	1.7	Y
250	Approved	1/10/2018 - 12/15/2022	1.7 - 2.0	1.7	1.8	Y
254	Approved	1/10/2018 - 12/15/2022	1.7 - 2.0	1.7	1.8	Y
256	Approved	3/15/2012 - 12/15/2022	1.7 - 1.8	1.7	1.7	Y
257	Approved	9/4/2012 - 12/15/2022	1.7 - 4.0	1.7	2.1	Y
258	Approved	3/5/2014 - 12/15/2022	1.7 - 2.0	1.7	1.9	Y
259	Approved	1/10/2018 - 12/15/2022	1.7 - 7.8	1.9	2.8	Y
260	Approved	9/18/2014 - 12/15/2022	1.7 - 6.8	1.9	3.0	Y
395	Approved	1/10/2018 - 12/15/2022	1.7 - 2.0	1.7	1.9	Y
255	Prohibited	9/18/2014 - 12/15/2022	1.7 - 7.8	1.9	3.0	Y
284	Prohibited	1/10/2018 - 12/15/2022	1.7 - 11.0	2.0	3.5	Y
246	Unclassified	9/18/2014 - 12/15/2022	1.7 - 13.0	2.3	5.0	Y
247	Unclassified	8/14/2014 - 12/15/2022	1.7 - 3.7	1.8	2.1	Y
309	Unclassified	9/18/2014 - 12/15/2022	1.7 - 7.8	2.2	4.4	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. Southwest Whidbey Island Growing Area

