

Wollochet Bay

Annual Shellfish Growing Area Review



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Area: Wollochet Bay

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. Marine Water Station 890 was added in November to include an expansion of geoduck tract 10850. A portion of the growing area was closed on December 12 due to a sewage discharge. The sewage main break was repaired on January 4, 2023 and the area reopened on January 26, 2023.

Analytical Results of Water Samples

Table 1 summarizes the last 30 samples collected from the area. This summary shows that all stations pass the NSSP water quality standard. Station 863 is in Concerned status with an estimated 90th percentile value of 23.3 FC/100 ml.

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 Wollochet Bay 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
860	Approved	4/3/2018 - 11/1/2022	1.7 - 4.5	1.8	2.3	Y
861	Approved	4/3/2018 - 11/1/2022	1.7 - 33.0	3.0	8.5	Y
862	Approved	4/3/2018 - 11/1/2022	1.7 - 49.0	3.7	15.2	Y
863	Approved	4/3/2018 - 11/1/2022	1.7 - 170.0	4.4	23.3	Y
864	Approved	4/3/2018 - 11/1/2022	1.7 - 49.0	3.1	9.7	Y
865	Approved	4/3/2018 - 11/1/2022	1.7 - 110.0	4.0	19.6	Y
866	Approved	4/3/2018 - 11/1/2022	1.7 - 7.8	1.9	2.9	Y
867	Approved	4/3/2018 - 11/1/2022	1.7 - 22.0	2.0	3.9	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. Wollochet Bay Growing Area

