

Similk Bay

Annual Shellfish Growing Area Review



Prepared By: Casey Deligeannis

Area: Similk Bay

Year Ending: December 31, 2024

Classification: Approved

Activities in the Growing Area in 2024

The growing area was sampled seven times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. There was an additional sampling event to make up for a missed outing in 2023.

Approximately 260 acres in the southeast portion of the growing area was classified as Approved, including marine stations 421 and 422.

Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent samples collected from the area. All stations in the Approved area meet 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 Similk Bay Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
97	Approved	12/10/2019 - 11/18/2024	1.7 - 2.0	1.8	1.9	Y
98	Approved	10/22/2019 - 11/18/2024	1.7 - 4.5	1.8	2.5	Y
99	Approved	12/10/2019 - 11/18/2024	1.7 - 11.0	2.1	3.9	Y
100	Approved	10/22/2019 - 11/18/2024	1.7 - 350.0	2.4	8.6	Y
101	Approved	12/10/2019 - 11/18/2024	1.7 - 6.8	1.8	2.6	Y
102	Approved	12/10/2019 - 11/18/2024	1.7 - 14.0	2.0	3.5	Y
104	Approved	12/10/2019 - 11/18/2024	1.7 - 2.0	1.8	2.0	Y
105	Approved	12/10/2019 - 11/18/2024	1.7 - 13.0	2.2	4.5	Y
421	Approved	5/4/2020 - 11/13/2024	1.7 - 1600.0	3.4	28.6	Y
422	Approved	5/4/2020 - 11/13/2024	1.7 - 170.0	2.6	10.2	Y
96	Unclassified	12/10/2019 - 11/18/2024	1.7 - 4.5	1.8	2.5	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 standards.

MAP 1. Similk Bay Growing Area

