

# Similk Bay

## Annual Shellfish Growing Area Review



Prepared By: Casey Deligeannis

Area: Similk Bay

Year Ending: December 31, 2022

Classification: Approved

### Activities in the Growing Area in 2022

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. Stations 98 and 100 were analyzed five times due to broken, leaking sample bottles upon arrival at the Shoreline Laboratory. No additional activities have been documented in the growing area.

### 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. Stations 421 and 422 have 23 samples.

### 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 Similk 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 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
97	Approved	12/12/2017 - 11/14/2022	1.7 - 13.0	2.0	3.5	Y
98	Approved	10/24/2017 - 11/14/2022	1.7 - 4.5	1.8	2.5	Y
99	Approved	12/12/2017 - 11/14/2022	1.7 - 49.0	2.3	6.2	Y
100	Approved	10/24/2017 - 11/14/2022	1.7 - 350.0	2.2	7.6	Y
101	Approved	12/12/2017 - 11/14/2022	1.7 - 33.0	2.0	4.4	Y
102	Approved	12/12/2017 - 11/14/2022	1.7 - 7.8	2.1	3.8	Y
104	Approved	12/12/2017 - 11/14/2022	1.7 - 13.0	2.0	3.7	Y
105	Approved	12/12/2017 - 11/14/2022	1.7 - 33.0	2.5	6.0	Y
96	Unclassified	12/12/2017 - 11/14/2022	1.7 - 46.0	1.9	4.2	Y
421	Unclassified	8/19/2019 - 11/3/2022	1.7 - 2500.0	3.9	52.5	*N/A
422	Unclassified	8/19/2019 - 11/3/2022	1.7 - 7.8	2.0	3.7	*N/A

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.

\* N/A – SRS criteria require a minimum of 30 samples from each station.

MAP 1. Similk Bay Growing Area

