

# Ketron Island

## Annual Shellfish Growing Area Review



Prepared By: Mark Toy

Area: Ketron 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. A portion of Ketron Island was closed for 21 days due to a sewage overflow.

### 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. Station 882 only has seven 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 Ketron 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 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
801	Approved	3/6/2018 - 12/6/2022	1.7 - 4.0	1.9	2.5	Y
802	Approved	3/6/2018 - 12/6/2022	1.7 - 4.5	1.8	2.2	Y
803	Approved	3/6/2018 - 12/6/2022	1.7 - 7.8	2.0	3.4	Y
804	Approved	3/6/2018 - 12/6/2022	1.7 - 17.0	1.9	3.2	Y
826	Approved	3/6/2018 - 12/6/2022	1.7 - 4.5	1.8	2.3	Y
827	Approved	3/6/2018 - 12/6/2022	1.7 - 17.0	2.1	3.9	Y
882	Approved	11/29/2021 - 12/6/2022	1.7 - 4.5	2.4	4.2	*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. \*

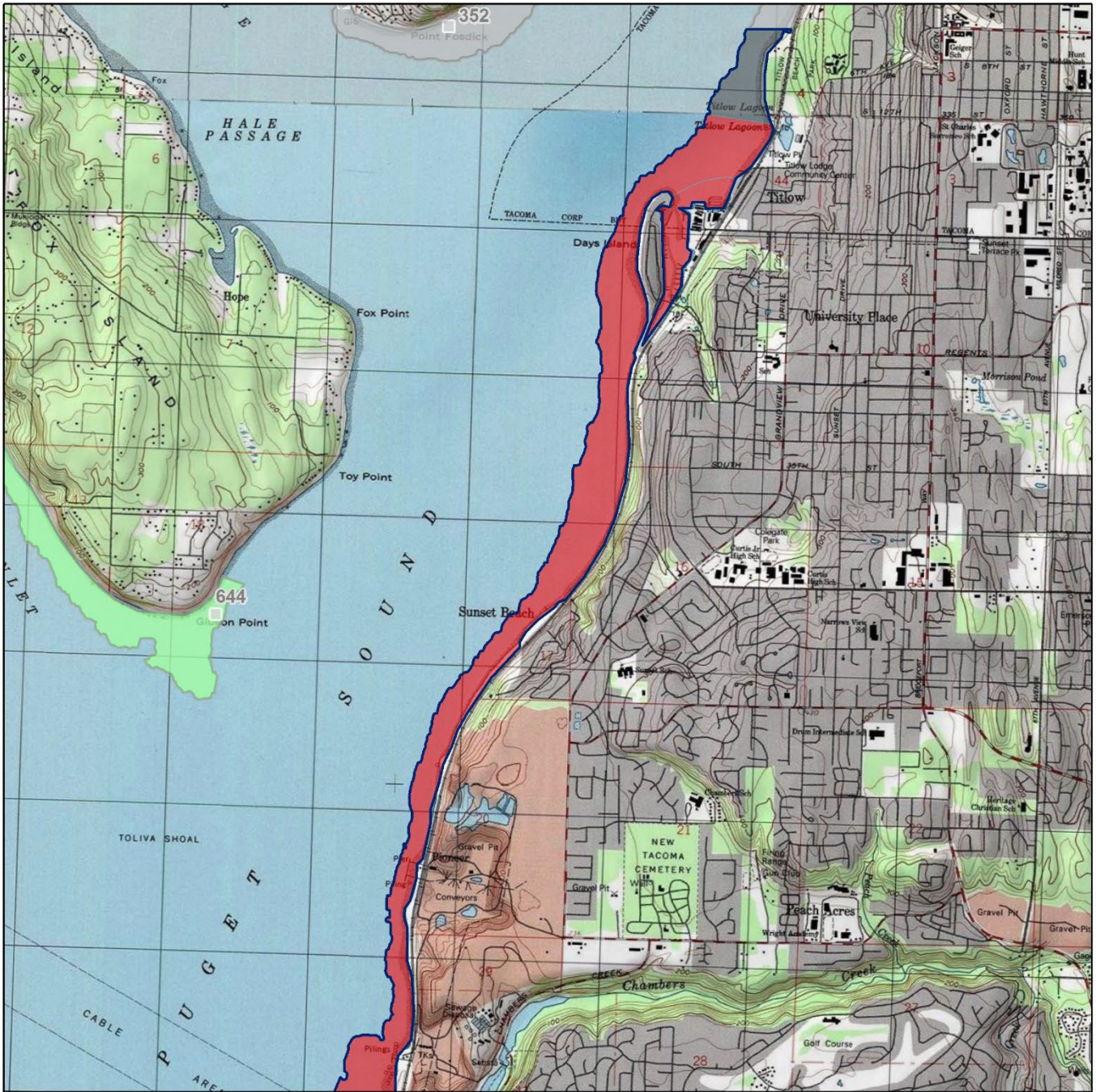
MAP 1. Ketron Island Growing Area 1 of 2

Ketron Island (1 of 2)



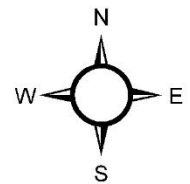
Date Updated: 8/27/2018

0 1 2 Miles



Classification Sampling Stations

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



\* Some sampling stations are highlighted with grey box for ease of reading.



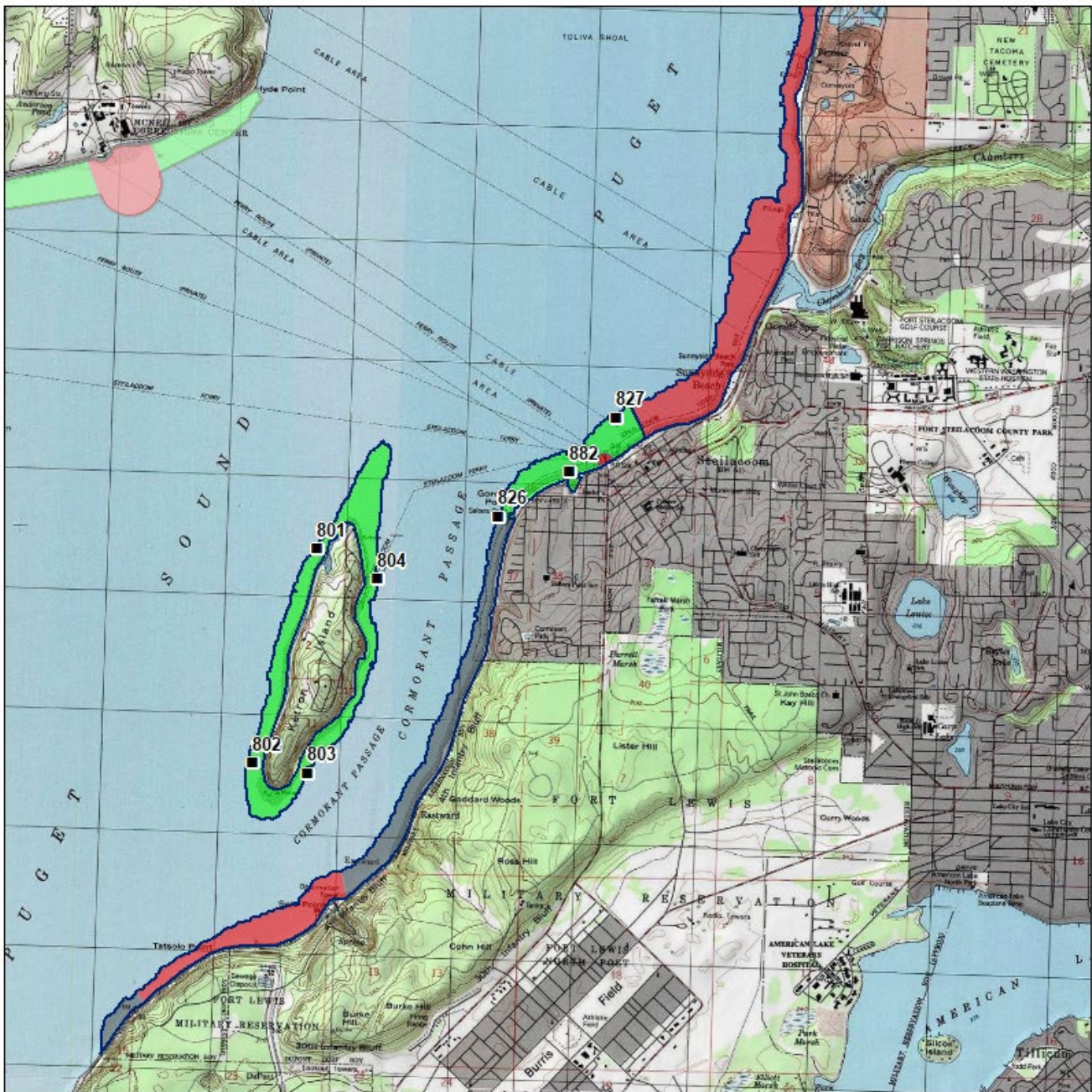
MAP 2. Ketron Island Growing Area 2 of 2

 Ketron Island (2 of 2)



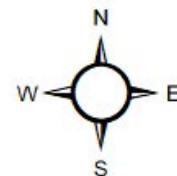
Date Updated: 10/20/2021

0 1 2 Miles



- Classification**
- Approved
  - Conditional
  - Prohibited
  - Restricted
  - Unclassified

**Sampling Stations**



\* Some sampling stations are highlighted with grey box for ease of reading.