

# Ketron Island

## Annual Shellfish Growing Area Review



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Area: Ketron Island

Year Ending: December 31, 2019

Classification: Approved, Prohibited

### Activities in the Growing Area in 2019

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria.

A shoreline survey was completed in a previously unclassified portion of the growing area in response to a harvest request and no Direct or Indirect Impacts were identified.

### Analytical Results of Water Samples

Table 1 summarizes the results of the most recent 30 water samples collected from the area. This summary shows that all stations meet the NSSP water quality standard. The two unclassified stations (826 & 827) now have enough samples for classification as Approved.

### 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. Stations 826 & 827 have enough samples and should be classified as Approved.

**TABLE 1. Summary of Marine Water Data (SRS) 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	3/10/2015 - 12/18/2019	1.7 - 6.8	1.9	2.8	Y
802	Approved	3/10/2015 - 12/18/2019	1.7 - 4.5	1.9	2.8	Y
803	Approved	3/10/2015 - 12/18/2019	1.7 - 2.0	1.7	1.9	Y
804	Approved	3/10/2015 - 12/18/2019	1.7 - 17.0	2.0	3.7	Y
826	Unclassified	3/10/2015 - 12/18/2019	1.7 - 7.8	2.0	3.1	Y
827	Unclassified	3/10/2015 - 12/18/2019	1.7 - 17.0	2.0	3.6	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.

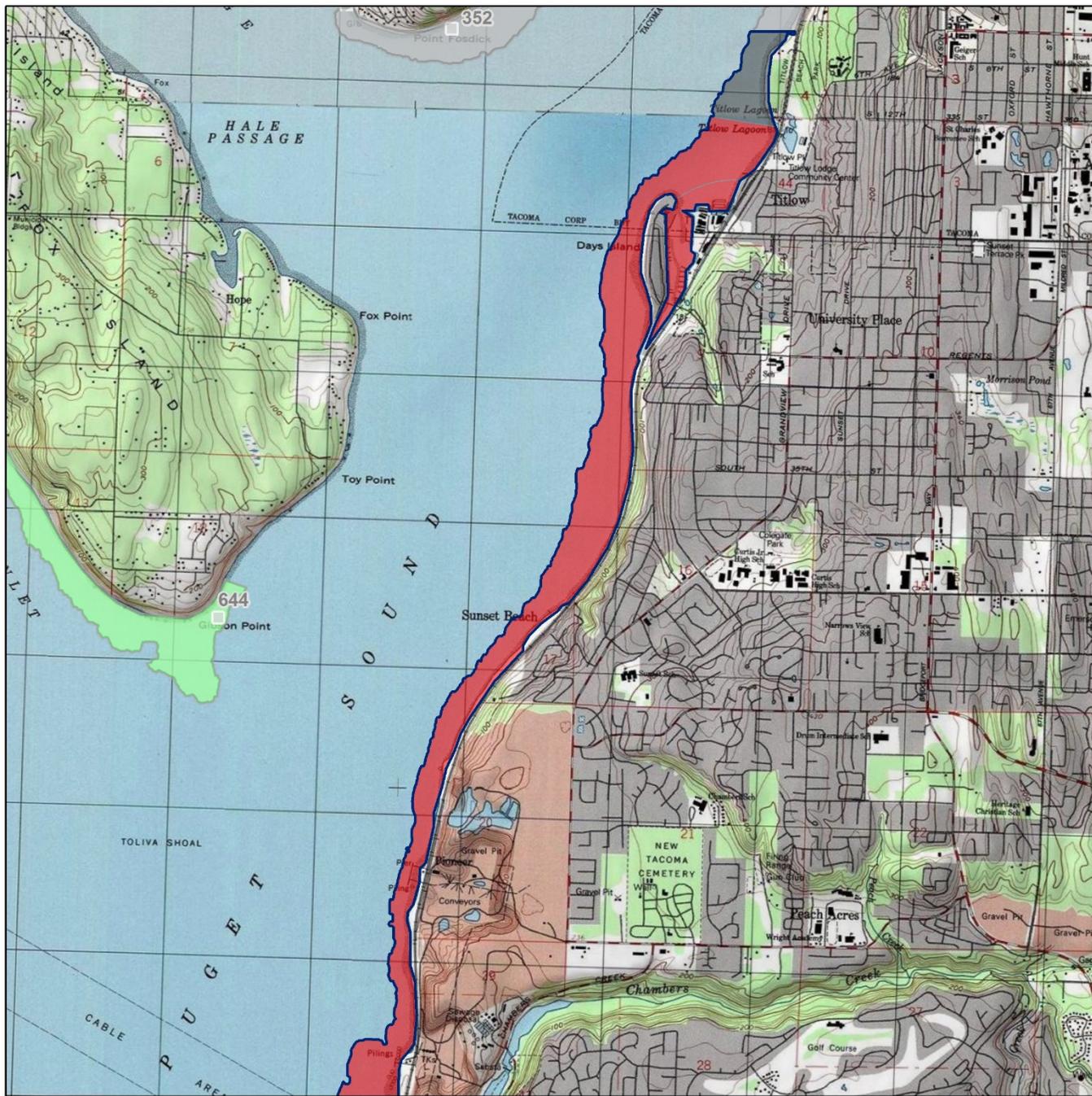
MAP 1. Ketron Island Growing Area 1 of 2

 Ketron Island (1 of 2)

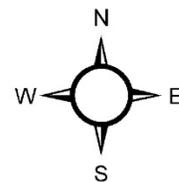


Date Updated: 8/27/2018

0 1 2 Miles



Classification	Sampling Stations
 Approved	
 Conditional	
 Prohibited	
 Restricted	
 Unclassified	

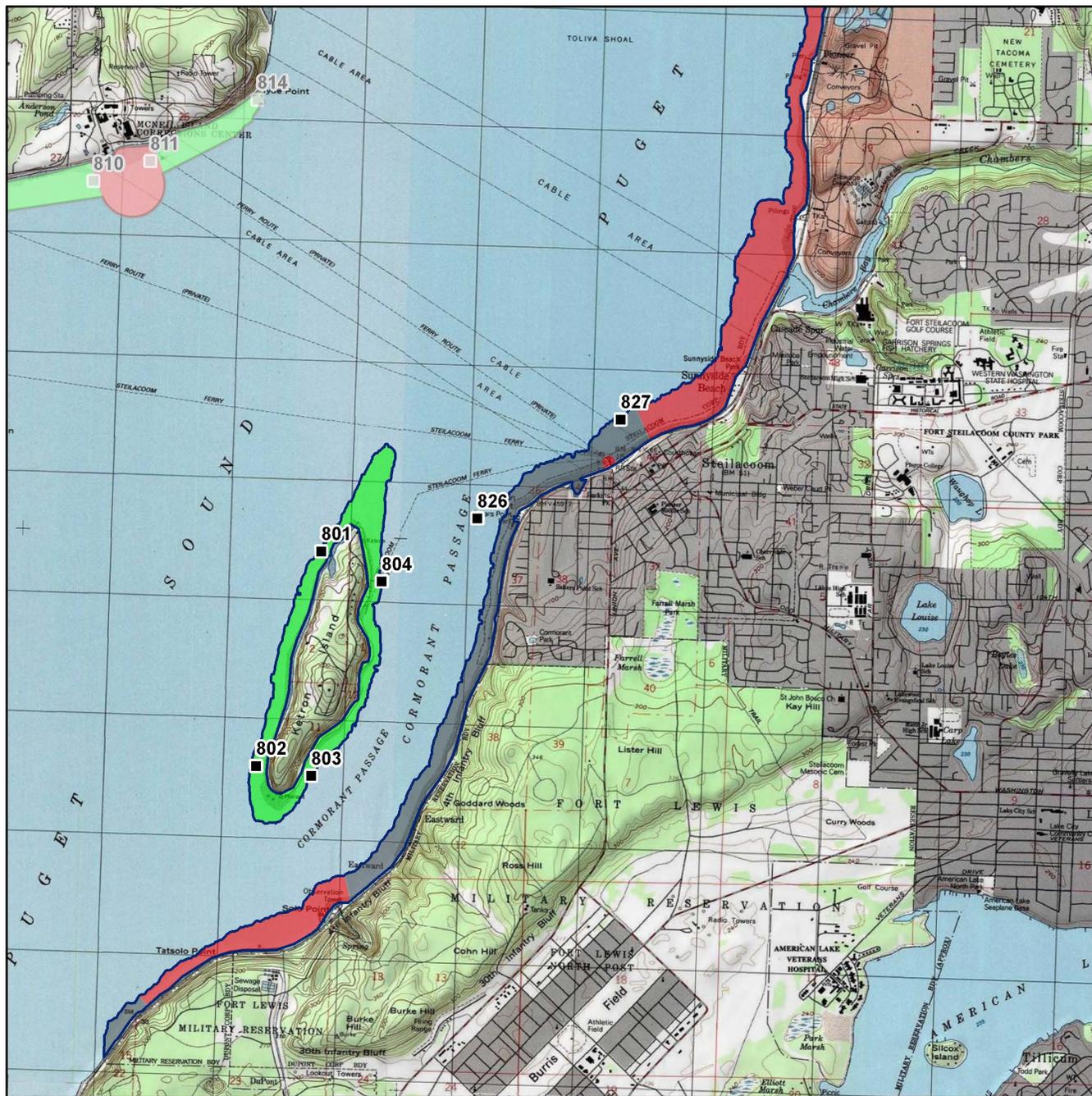


\* Some sampling stations are highlighted with grey box for ease of reading.

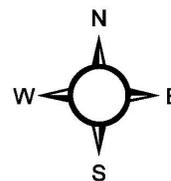
MAP 2. Ketron Island Growing Area 2 of 2

Ketron Island (2 of 2)

0 1 2 Miles



Classification	Sampling Stations
<span style="color: green;">■</span> Approved	<span style="background-color: black; color: black;">■</span>
<span style="color: orange;">■</span> Conditional	
<span style="color: red;">■</span> Prohibited	
<span style="color: blue;">■</span> Restricted	
<span style="background-color: grey;">■</span> Unclassified	



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