

Possession Sound

Annual Shellfish Growing Area Review



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Area: Possession Sound

Year Ending: December 31, 2019

Classification: Approved, Prohibited

Activities in the Growing Area in 2019

The growing area was sampled a minimum of six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. Stations 155, 224, 225, 226, 227, 228, 245, 251, 252, 253, 342 and 343 are in Inactive status. These Inactive stations were sampled a minimum of two times in 2019, with the exception of Stations 155, 227 and 228 which were sampled six times and located near recreational beaches. All Inactive stations will be reactivated no later than April 2022. Snohomish County Public Works continues to implement pollution identification and correction work in the region.

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 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 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) Possession Sound 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
223	Approved	3/19/2015 - 11/25/2019	1.7 - 7.8	1.8	2.6	Y
224	Approved	5/7/2013 - 11/25/2019	1.7 - 17.0	2.2	4.4	Y
225	Approved	5/7/2013 - 11/25/2019	1.7 - 79.0	2.3	6.5	Y
226	Approved	5/7/2013 - 11/25/2019	1.7 - 33.0	2.3	5.2	Y
227	Approved	1/28/2015 - 11/25/2019	1.7 - 13.0	2.1	4.0	Y
228	Approved	1/28/2015 - 11/25/2019	1.7 - 7.8	2.3	4.3	Y
229	Approved	3/19/2015 - 11/25/2019	1.7 - 9.3	2.0	3.4	Y
232	Approved	3/19/2015 - 11/25/2019	1.7 - 130.0	3.6	14.2	Y
233	Approved	3/19/2015 - 11/25/2019	1.7 - 11.0	1.9	3.1	Y
234	Approved	3/19/2015 - 11/25/2019	1.7 - 7.8	1.8	2.6	Y
235	Approved	3/19/2015 - 11/25/2019	1.7 - 13.0	2.6	5.8	Y
236	Approved	3/19/2015 - 11/25/2019	1.7 - 7.8	2.0	3.3	Y
237	Approved	3/19/2015 - 11/25/2019	1.7 - 23.0	2.0	3.9	Y
238	Approved	3/19/2015 - 11/25/2019	1.7 - 7.8	1.9	3.0	Y
239	Approved	3/19/2015 - 11/25/2019	1.7 - 130.0	2.2	6.3	Y
240	Approved	3/19/2015 - 11/25/2019	1.7 - 13.0	2.3	4.7	Y
244	Approved	3/19/2015 - 11/25/2019	1.7 - 13.0	2.3	5.1	Y
245	Approved	3/7/2013 - 11/25/2019	1.7 - 79.0	2.9	9.7	Y
252	Approved	5/7/2013 - 11/25/2019	1.7 - 46.0	2.6	7.2	Y
253	Approved	5/7/2013 - 11/25/2019	1.7 - 17.0	2.5	6.3	Y
327	Approved	3/19/2015 - 11/25/2019	1.7 - 9.2	2.5	5.3	Y
328	Approved	3/19/2015 - 11/25/2019	1.7 - 49.0	2.9	8.9	Y
343	Approved	3/7/2013 - 11/25/2019	1.7 - 33.0	3.0	10.0	Y
222	Prohibited	3/19/2015 - 11/25/2019	1.7 - 79.0	4.0	16.9	Y
331	Prohibited	3/19/2015 - 11/25/2019	1.7 - 49.0	6.3	27.3	Y
342	Prohibited	8/14/2012 - 11/25/2019	1.7 - 350.0	4.6	28.4	Y
155	Unclassified	1/28/2015 - 11/25/2019	1.7 - 33.0	2.7	7.5	Y
230	Unclassified	3/19/2015 - 11/25/2019	1.7 - 17.0	2.5	5.8	Y
231	Unclassified	3/19/2015 - 11/25/2019	1.7 - 13.0	2.3	4.4	Y
251	Unclassified	5/7/2013 - 11/25/2019	1.7 - 13.0	2.6	6.0	Y
332	Unclassified	3/19/2015 - 11/25/2019	1.7 - 110.0	6.4	30.6	Y
333	Unclassified	3/19/2015 - 11/25/2019	1.7 - 130.0	6.1	26.3	Y
334	Unclassified	3/19/2015 - 11/25/2019	1.7 - 79.0	5.5	23.5	Y

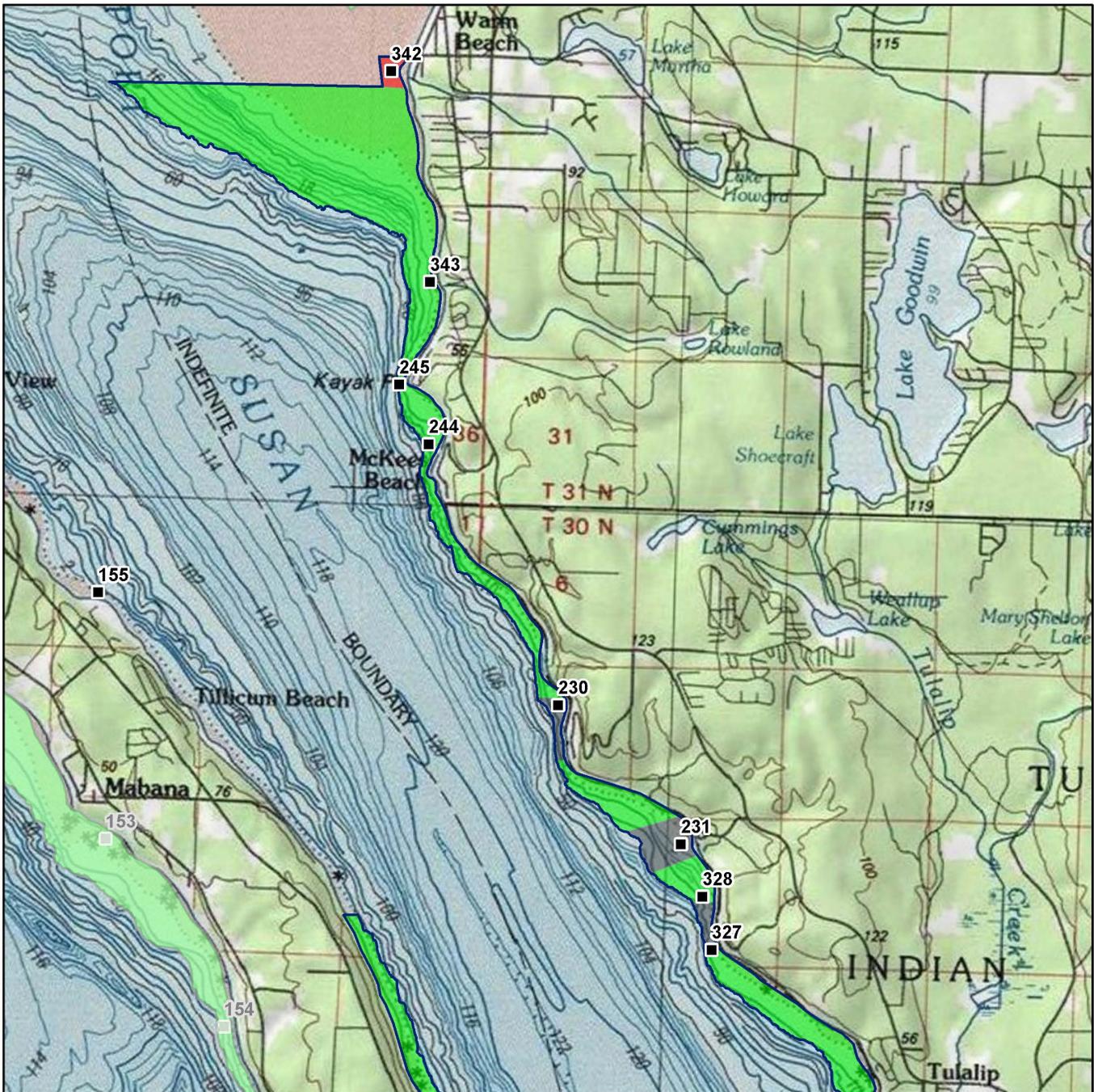
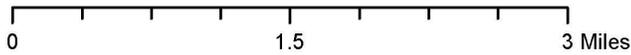
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Possession Sound Growing Area 1 of 3

 Possession Sound (1 of 3)

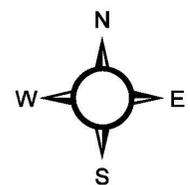


Date Updated: 7/11/2018



Classification	
	Approved
	Conditional
	Prohibited
	Restricted
	Unclassified

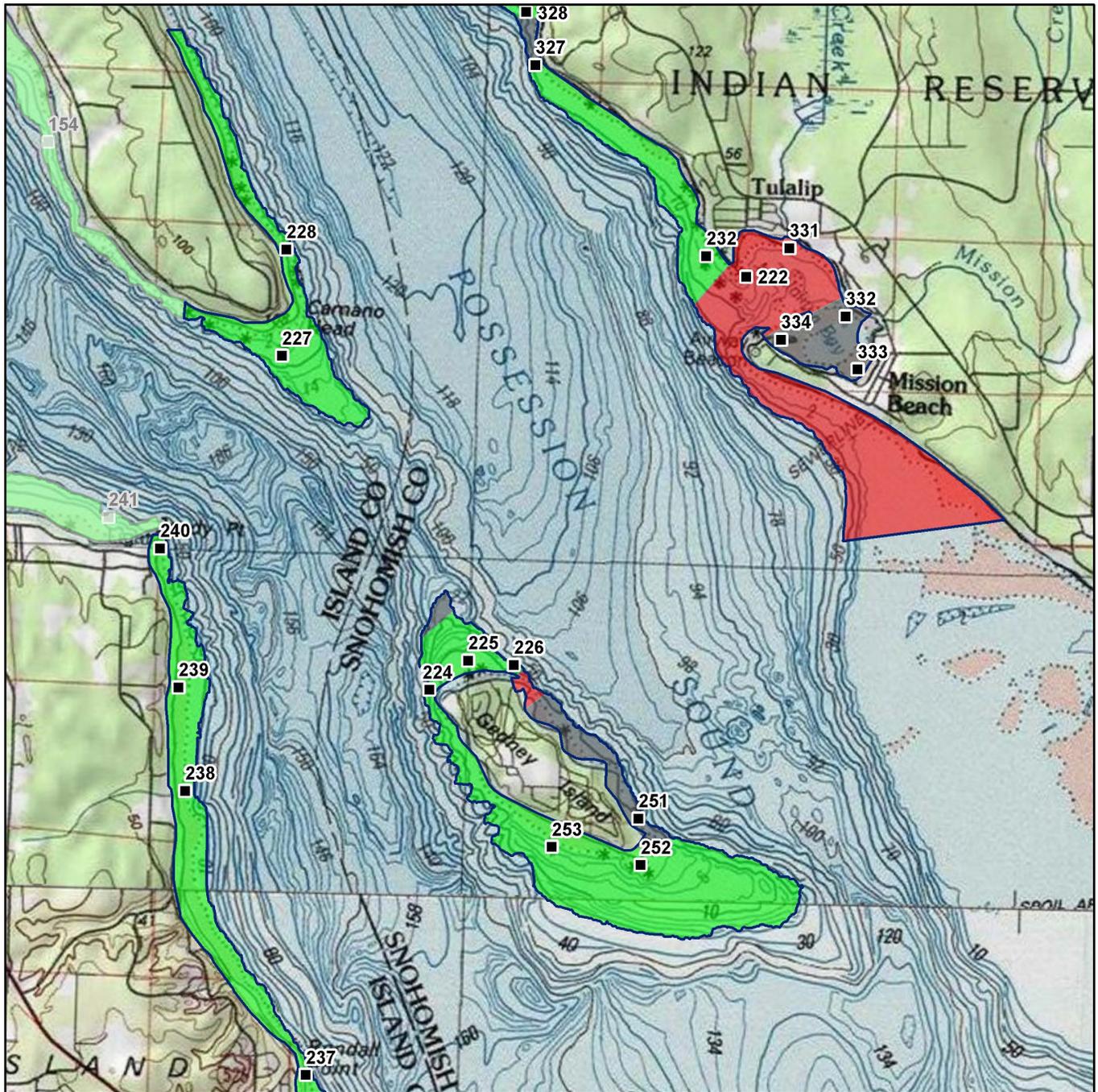
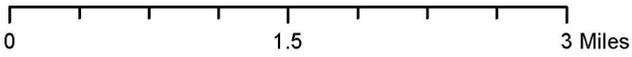
Sampling Stations



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

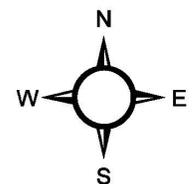
MAP 2. Possession Sound Growing Area 2 of 3

 Possession Sound (2 of 3)



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

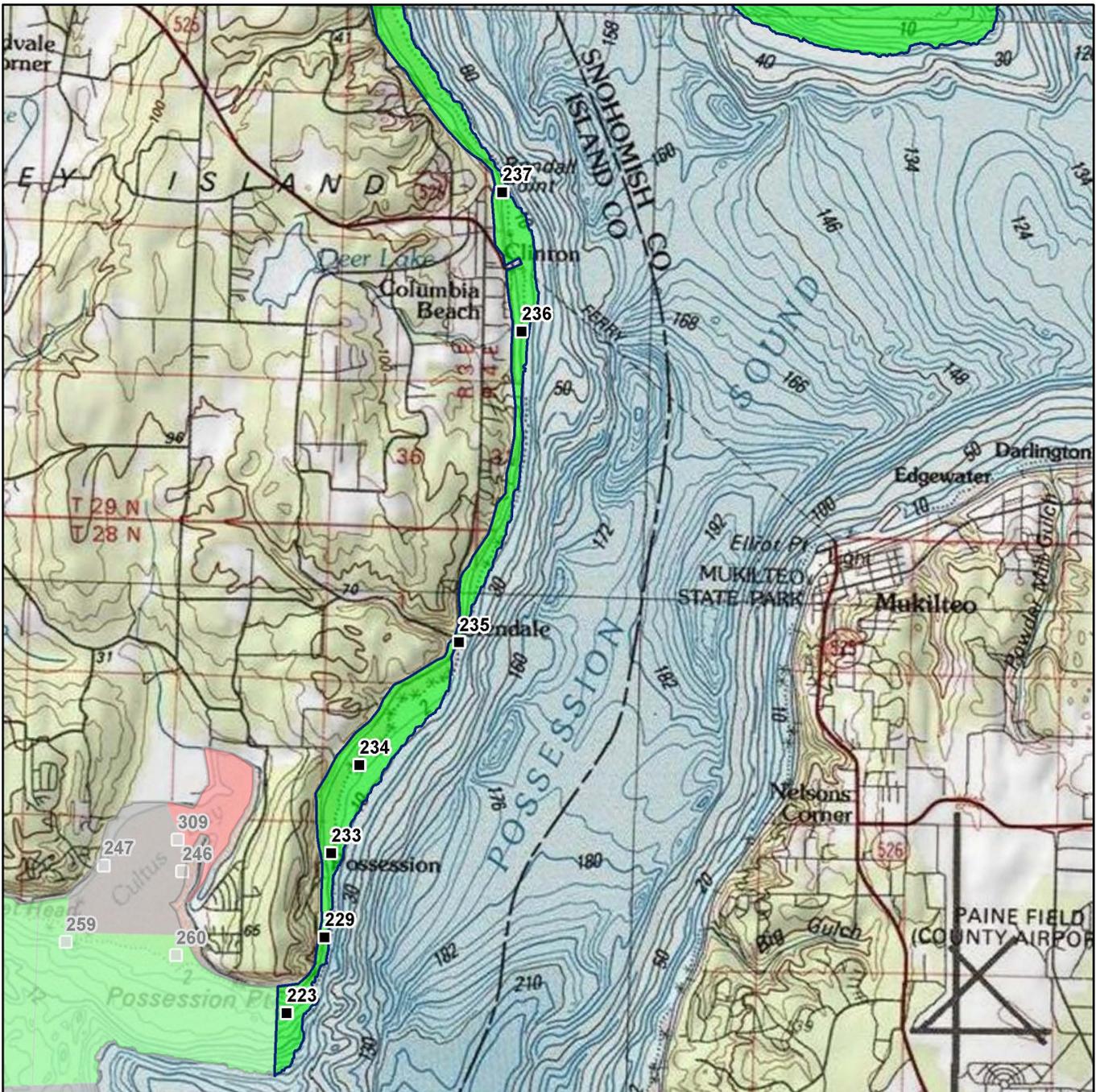
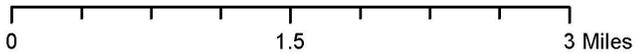
Sampling Stations



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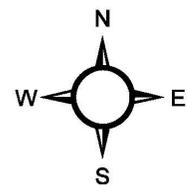
MAP 3. Possession Sound Growing Area 3 of 3

 Possession Sound (3 of 3)



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