

West Key Peninsula

Annual Shellfish Growing Area Review



Prepared By: Kelly Curtis

Area: West Key Peninsula

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 National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Taylor Bay Beach Club completed a feasibility study that evaluated options for future wastewater disposal (including land application) in light of their aging system. A revised outfall evaluation and full engineering evaluation report for future upgrades to this plant is due to the Washington State Department of Ecology in mid-2020.

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 meet the NSSP water quality standard. Station 556 in Dutcher's Cove is in Concerned status with an estimated 90th percentile of 28.3 FC/100mL.

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) West Key Peninsula Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

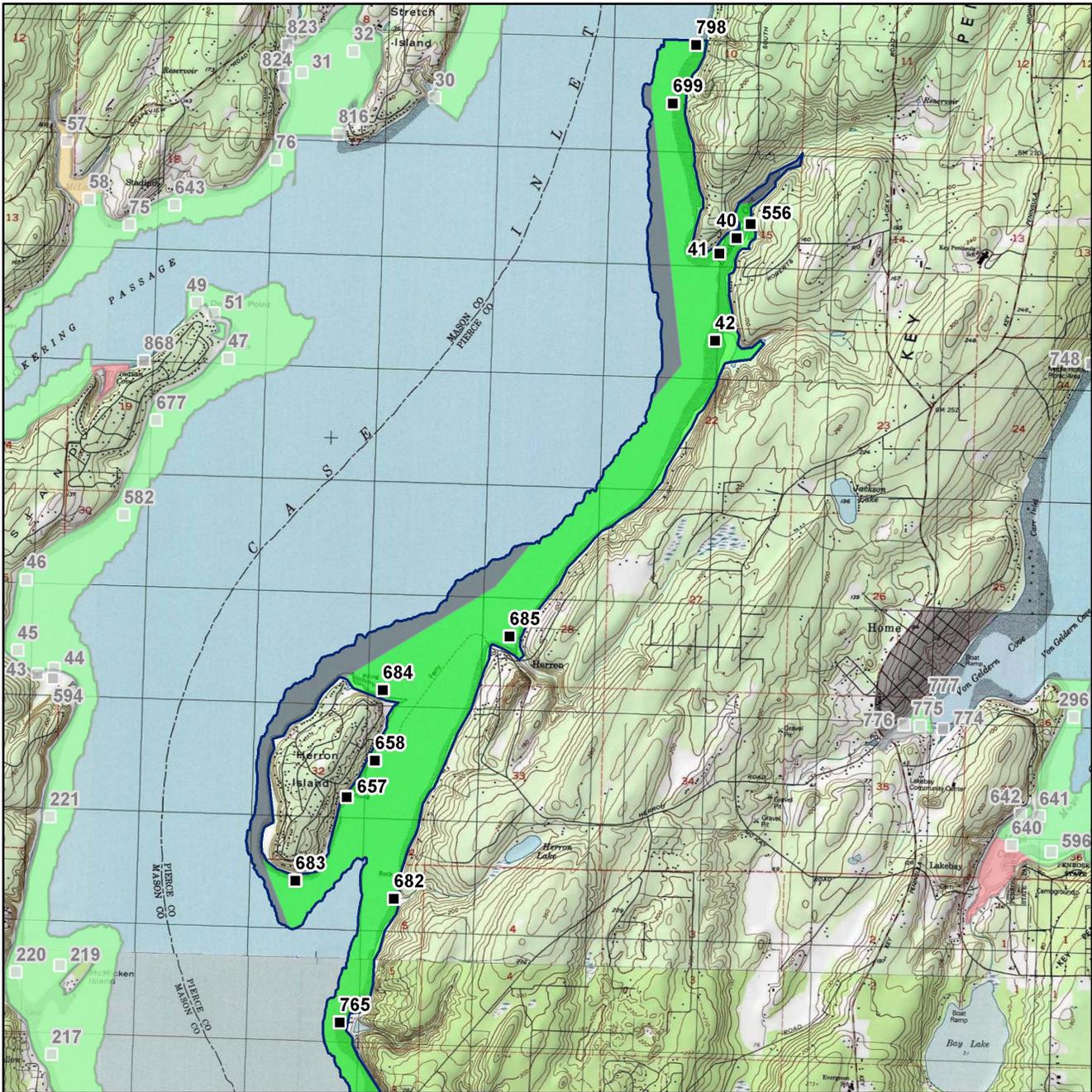
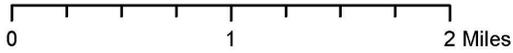
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
40	Approved	2/24/2015 - 12/3/2019	1.7 - 49.0	3.8	13.8	Y
41	Approved	2/24/2015 - 12/3/2019	1.7 - 13.0	2.1	4.2	Y
42	Approved	2/24/2015 - 12/3/2019	1.7 - 23.0	2.1	4.6	Y
213	Approved	2/24/2015 - 12/3/2019	1.7 - 33.0	2.6	6.8	Y
214	Approved	2/24/2015 - 12/3/2019	1.7 - 17.0	2.0	3.7	Y
556	Approved	2/24/2015 - 12/3/2019	1.7 - 79.0	6.4	28.3	Y
557	Approved	2/24/2015 - 12/3/2019	1.7 - 79.0	2.6	9.8	Y
558	Approved	2/24/2015 - 12/3/2019	1.7 - 23.0	2.0	4.1	Y
579	Approved	2/24/2015 - 12/3/2019	1.7 - 4.5	1.9	2.6	Y
580	Approved	2/24/2015 - 12/3/2019	1.7 - 7.8	1.8	2.6	Y
657	Approved	2/24/2015 - 12/3/2019	1.7 - 4.5	1.8	2.3	Y
658	Approved	2/24/2015 - 12/3/2019	1.7 - 2.0	1.8	1.9	Y
682	Approved	4/23/2015 - 12/3/2019	1.7 - 11.0	2.1	3.8	Y
683	Approved	11/5/2014 - 12/3/2019	1.7 - 4.5	1.8	2.3	Y
684	Approved	2/24/2015 - 12/3/2019	1.7 - 4.5	1.8	2.3	Y
685	Approved	2/24/2015 - 12/3/2019	1.7 - 13.0	2.1	4.0	Y
699	Approved	2/24/2015 - 12/3/2019	1.7 - 49.0	2.6	7.7	Y
765	Approved	2/24/2015 - 12/3/2019	1.7 - 4.8	1.9	2.6	Y
798	Approved	2/24/2015 - 12/3/2019	1.7 - 17.0	2.2	4.2	Y
813	Prohibited	2/24/2015 - 12/3/2019	1.7 - 4.5	1.8	2.3	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.

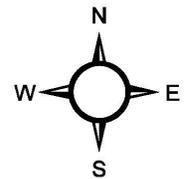
MAP 1. West Key Peninsula Growing Area 1 of 2

West Key Peninsula (1 of 2)



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

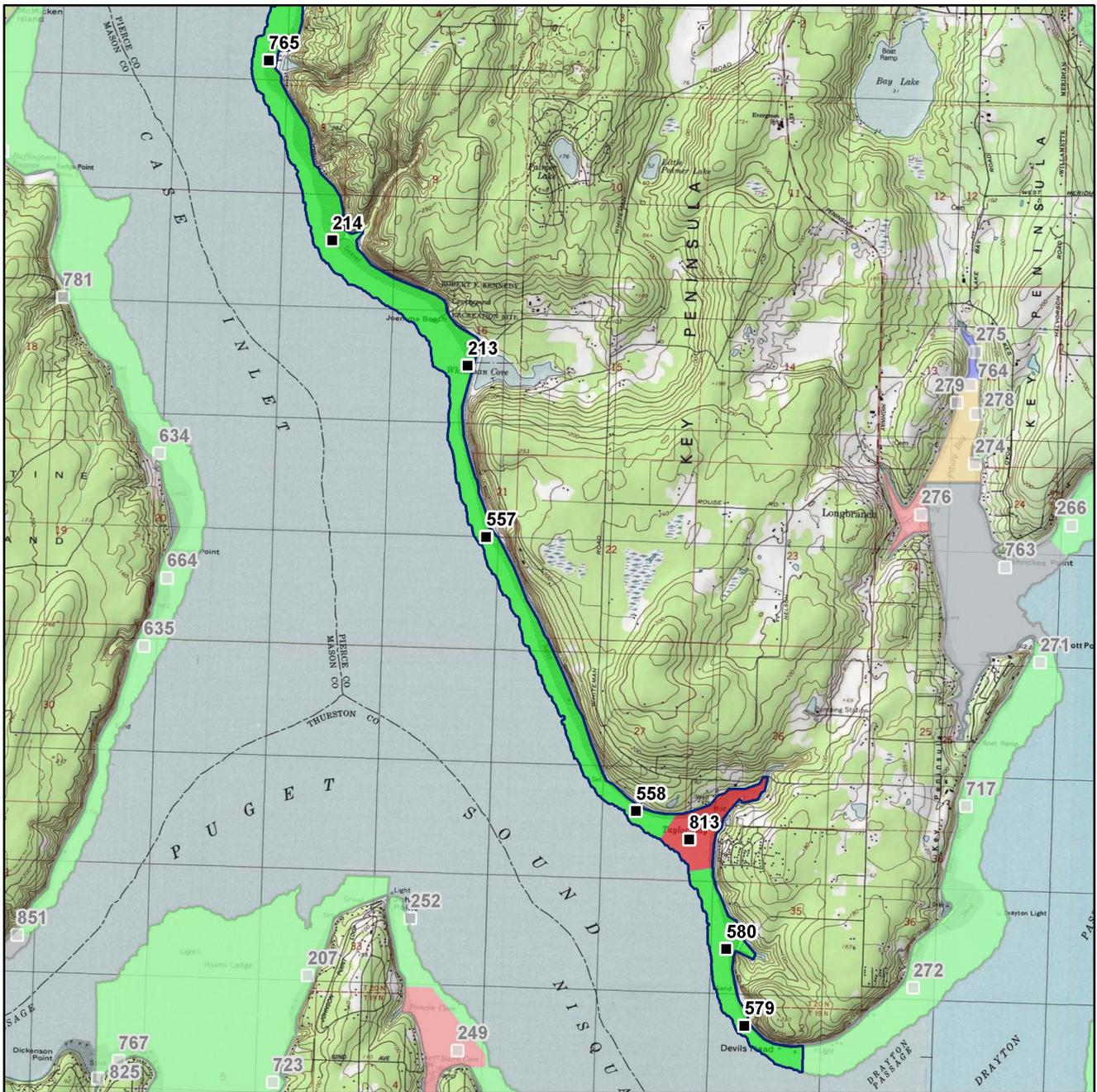
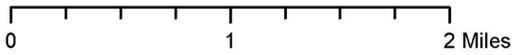
- Sampling Stations**
-



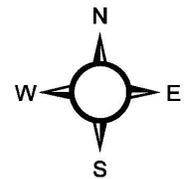
* Some sampling stations are highlighted with grey box for ease of reading.

MAP 2. West Key Peninsula Growing Area 2 of 2

West Key Peninsula (2 of 2)



Classification	Sampling Stations
 Approved	
 Conditional	
 Prohibited	
 Restricted	
 Unclassified	



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