

Kingston

Annual Shellfish Growing Area Review



Prepared By: Patrick Biondo

Area: Kingston

Year Ending: December 31, 2023

Classification: Approved, Prohibited

Activities in the Growing Area in 2023

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine three-year shoreline evaluation was completed, and Kitsap Public Health District evaluated eight on-sight sewage systems (OSS) and collected water samples in one drainage. No new or changes in pollution sources were identified.

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.

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 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 Kingston 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
531	Approved	11/29/2018 - 12/18/2023	1.7 - 13.0	2.0	3.7	Y
532	Approved	2/28/2019 - 12/18/2023	1.7 - 4.5	1.8	2.2	Y
533	Approved	2/28/2019 - 12/18/2023	1.7 - 7.8	1.9	2.8	Y
535	Approved	2/28/2019 - 12/18/2023	1.7 - 11.0	2.0	3.6	Y
536	Approved	2/28/2019 - 12/18/2023	1.7 - 2.0	1.7	1.8	Y
537	Approved	11/29/2018 - 12/18/2023	1.7 - 4.5	1.9	2.5	Y
538	Approved	2/28/2019 - 12/18/2023	1.7 - 4.5	1.8	2.3	Y
539	Approved	2/28/2019 - 12/18/2023	1.7 - 14.0	1.9	3.0	Y
542	Approved	11/29/2018 - 12/18/2023	1.7 - 11.0	2.0	3.6	Y
543	Approved	2/28/2019 - 12/18/2023	1.7 - 2.0	1.7	1.9	Y
544	Approved	2/28/2019 - 12/18/2023	1.7 - 13.0	2.0	3.4	Y
545	Approved	2/28/2019 - 12/18/2023	1.7 - 4.5	1.8	2.3	Y
746	Approved	2/28/2019 - 12/18/2023	1.7 - 13.0	2.0	3.5	Y
747	Approved	2/28/2019 - 12/18/2023	1.7 - 13.0	2.1	4.3	Y

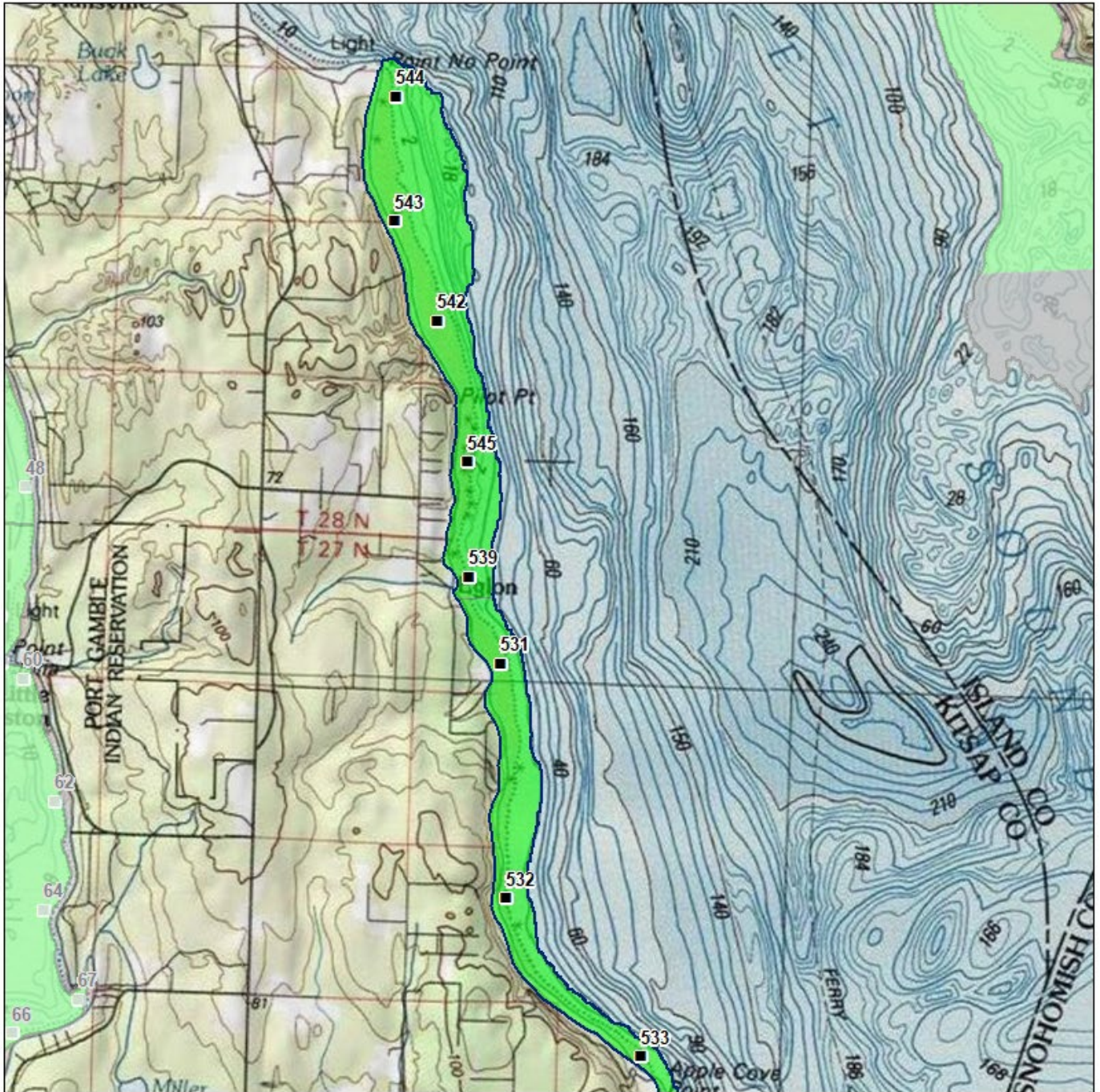
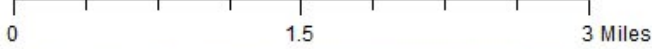
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Kingston Growing Area (1 of 2)

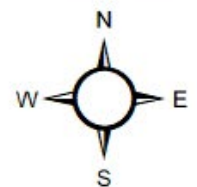
Kingston (1 of 2)



Date Updated: 8/14/2019



Classification		Sampling Stations
	Approved	
	Conditional	
	Prohibited	
	Restricted	
	Unclassified	



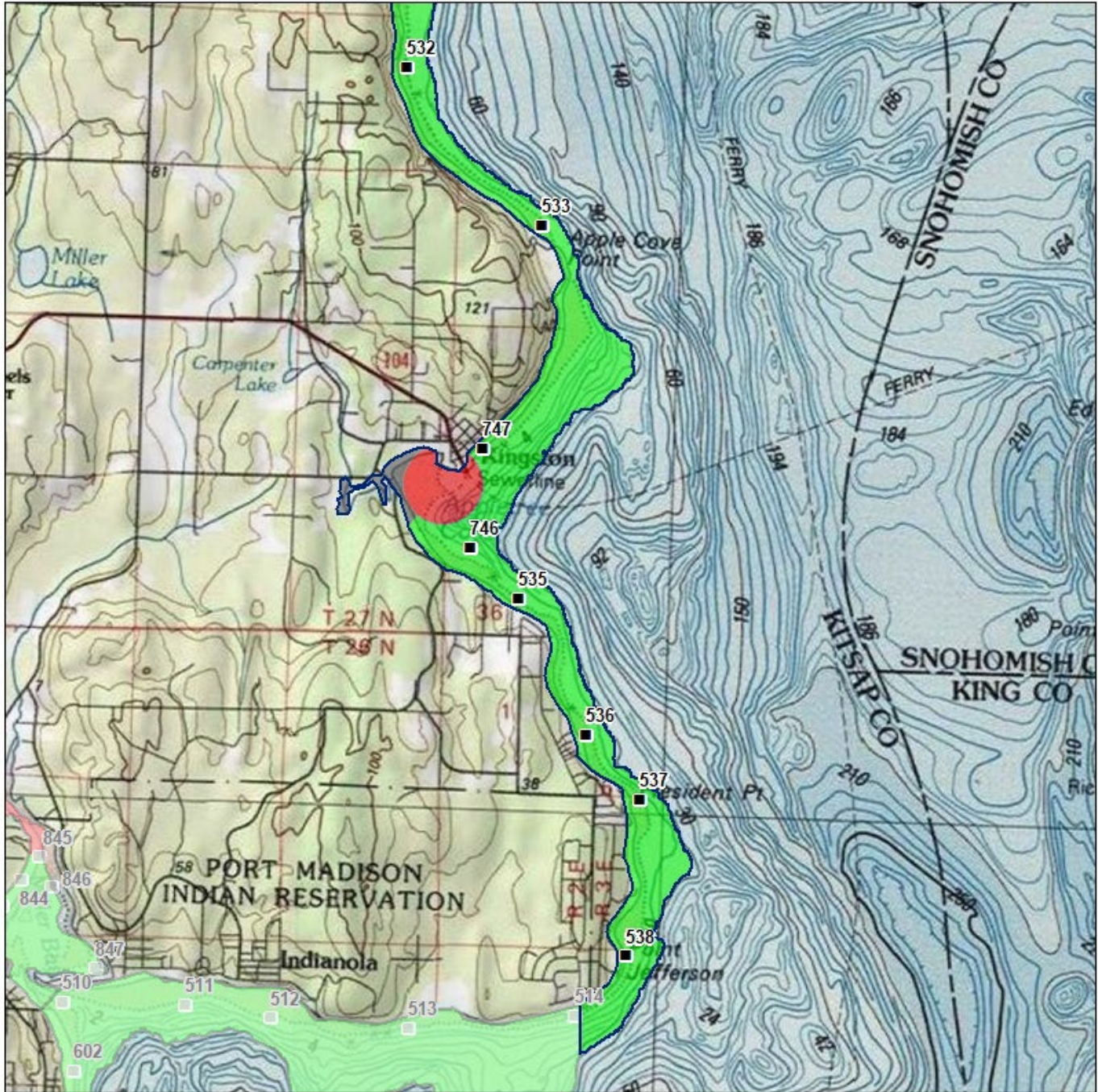
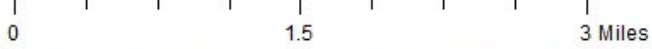
* Some sampling stations are highlighted with grey box for ease of reading.

MAP 2. Kingston Growing Area (2 of 2)

Kingston (2 of 2)

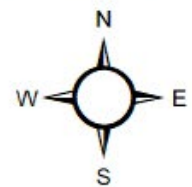


Date Updated: 8/14/2019



Classification	
■	Approved
■	Conditional
■	Prohibited
■	Restricted
■	Unclassified

Sampling Stations	
■	Sampling Station



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