

Saratoga Passage

Annual Shellfish Growing Area Review



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Area: Saratoga Passage

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. There was one precautionary flooding closure of a portion of growing area north of a line drawn at Cama Beach State Park for one day. The closure was based on the predicted condition of the Skagit River exceeding 30.3 ft. the river, however, did not exceed that stage and the area was reopened.

A dye and microbial study were completed at the Oak Harbor WRF in September 2022. Data from this study is in the process of being analyzed by FDA with a report expected in the spring 2024.

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 227 is located in the Possession Sound Shellfish Growing Area and supports the growing area boundary along Camano Island.

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 Saratoga Passage Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

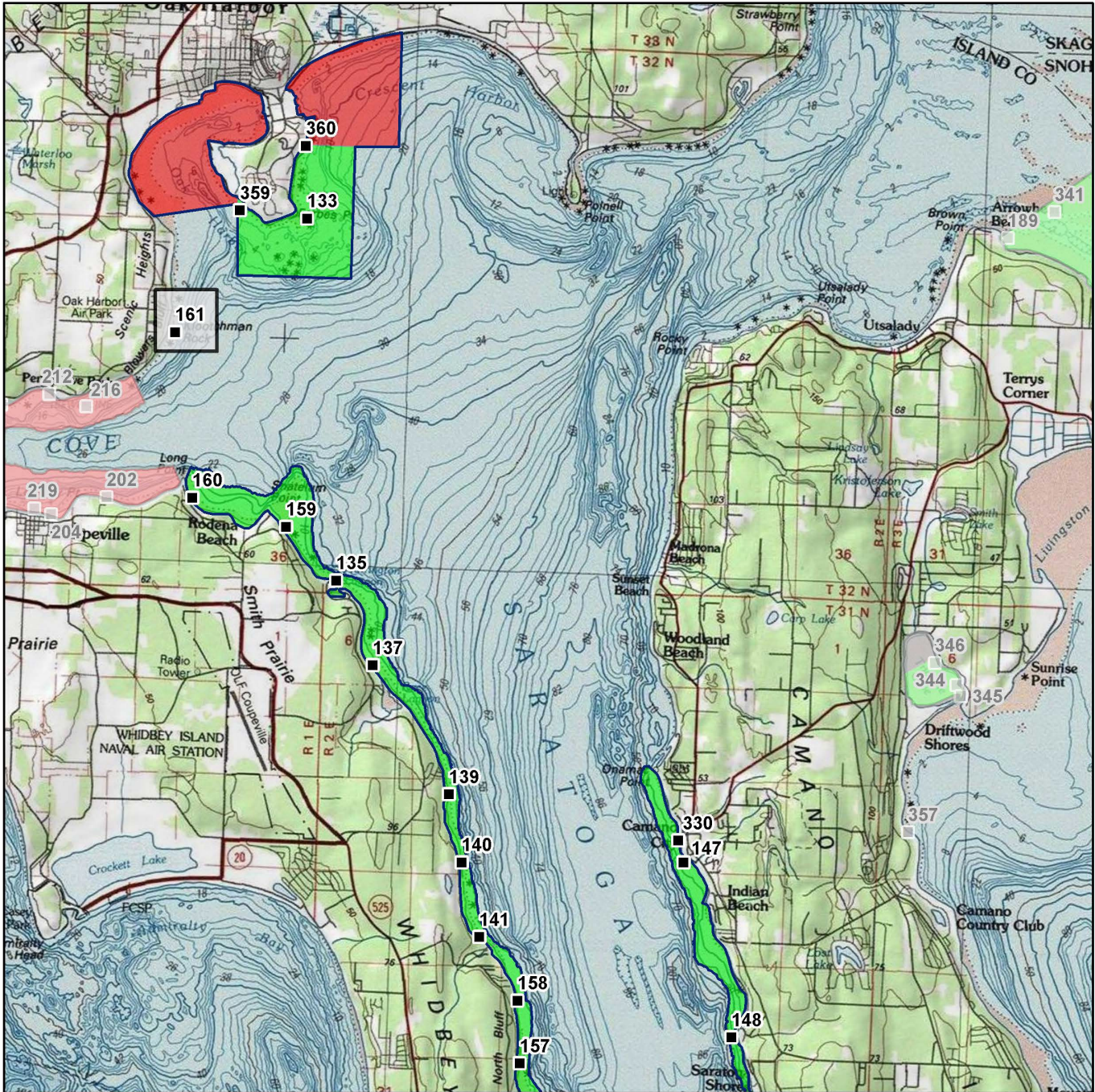
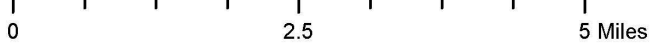
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
133	Approved	12/10/2018-11/13/2023	1.7-4.5	1.9	2.8	Y
135	Approved	8/04/2015-11/13/2023	1.7-13.0	1.9	3.0	Y
137	Approved	8/04/2015-11/13/2023	1.7-23.0	2.0	4.2	Y
139	Approved	8/04/2015-11/13/2023	1.7-1.7	1.7	1.7	Y
140	Approved	11/5/2018-11/13/2023	1.7-4.5	1.8	2.5	Y
141	Approved	11/5/2018-11/13/2023	1.7-2.0	1.7	1.8	Y
147	Approved	11/9/2015-11/6/2023	1.7-4.0	1.8	2.2	Y
148	Approved	12/26/2018-11/6/2023	1.7-4.5	1.8	2.3	Y
149	Approved	12/26/2018-11/6/2023	1.7-2.0	1.7	1.8	Y
150	Approved	12/26/2018-11/6/2023	1.7-4.5	1.8	2.5	Y
151	Approved	9/29/2015-11/6/2023	1.7-4.0	1.8	2.2	Y
152	Approved	9/29/2015-11/6/2023	1.7-4.5	1.8	2.5	Y
153	Approved	12/26/2018-11/6/2023	1.7-6.8	1.9	2.8	Y
154	Approved	12/26/2018-11/6/2023	1.7-4.5	1.8	2.5	Y
156	Approved	12/26/2018-11/6/2023	1.7-4.5	1.8	2.3	Y
157	Approved	6/8/2015-11/13/2023	1.7-2.0	1.7	1.9	Y
158	Approved	11/5/2018-11/13/2023	1.7-17.0	1.9	3.4	Y
159	Approved	11/5/2018-11/13/2023	1.7-17.0	1.9	3.2	Y
160	Approved	11/5/2018-11/13/2023	1.7-6.8	1.9	2.8	Y
227	Approved	1/29/2019-11/06/2023	1.7-9.3	1.9	2.8	Y
241	Approved	12/26/2018-11/6/2023	1.7-4.5	2.0	3.0	Y
274	Approved	12/26/2018-11/6/2023	1.7-33.0	1.9	3.8	Y
275	Approved	12/26/2018-11/6/2023	1.7-4.5	1.8	2.2	Y
276	Approved	9/29/2015-11/6/2023	1.7-2.0	1.8	1.9	Y
277	Approved	9/29/2015-11/6/2023	1.7-2.0	1.7	1.8	Y
289	Approved	8/4/2015-11/13/2023	1.7-4.5	1.8	2.2	Y
330	Approved	11/9/2015-11/6/2023	1.7-4.5	1.8	2.3	Y
359	Approved	12/10/2018-11/13/2023	1.7-9.3	2.2	4.1	Y
360	Approved	12/10/2018-11/13/2023	1.7-15.4	1.9	3.3	Y
242	Prohibited	12/26/2018-11/6/2023	1.7-49.0	2.4	6.3	Y
161	Unclassified	12/10/2018-11/13/2023	1.7-23.0	2.3	4.9	Y

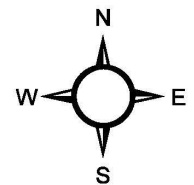
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Saratoga Passage Growing Area (1 of 2)

Saratoga Pass (1 of 2)



Classification		Sampling Stations
	Approved	
	Conditional	
	Prohibited	
	Restricted	
	Unclassified	



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

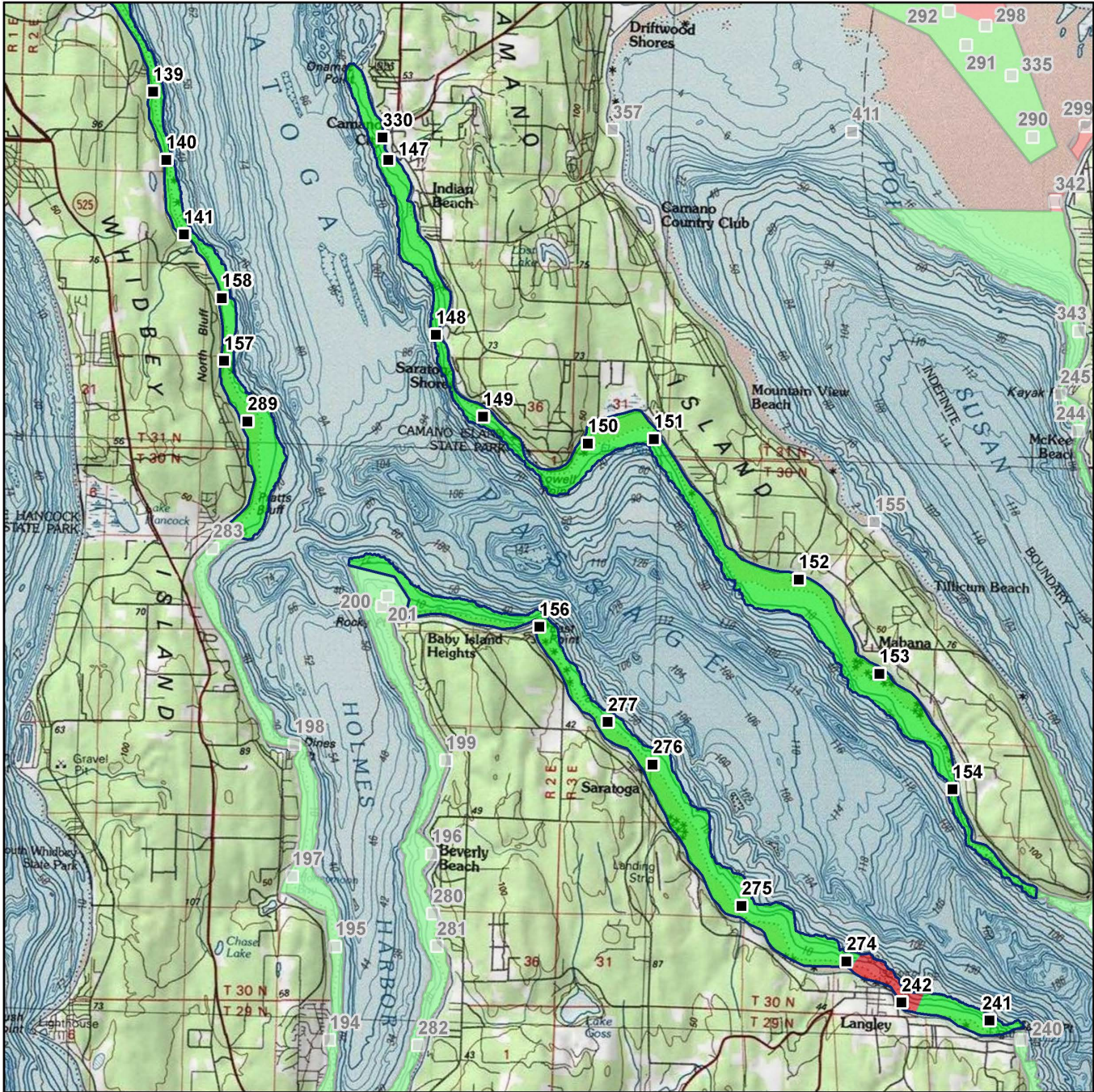
MAP 2. Saratoga Passage Growing Area (2 of 2)

Saratoga Pass (2 of 2)

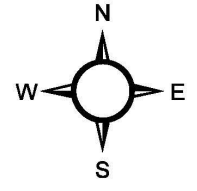


Date Updated: 7/11/2018

0 2.5 5 Miles



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