

Discovery Bay

Annual Shellfish Growing Area Review



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Area: Discovery Bay

Year Ending: December 31, 2023

Classification: Approved, Prohibited

Activities in the Growing Area in 2023

All stations were sampled a minimum of six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Station 196 in the unclassified area was sampled 12 times.

Clallam Conservation District received EPA National Estuary Program (NEP) funds through the Washington State Conservation Commission to provide technical assistance and education and outreach. Jefferson County Public Health received NEP funds for septic system operation and maintenance (O&M) rebates and to implement a cost-share and grant program for septic system repair, replacement, and decommissioning/abatement in areas with potential to affect the growing area. The County also used Centennial Clean Water Grant funding and local assessment funding for enhanced septic O&M and pollution identification and correction activities in the region.

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. Evaluate the sampling frequency at Station 196 and determine the appropriate sampling timeline.

TABLE 1. Summary of Marine Water Data (SRS) for the Discovery Bay Growing Area

Sampling Event Type: Regulatory

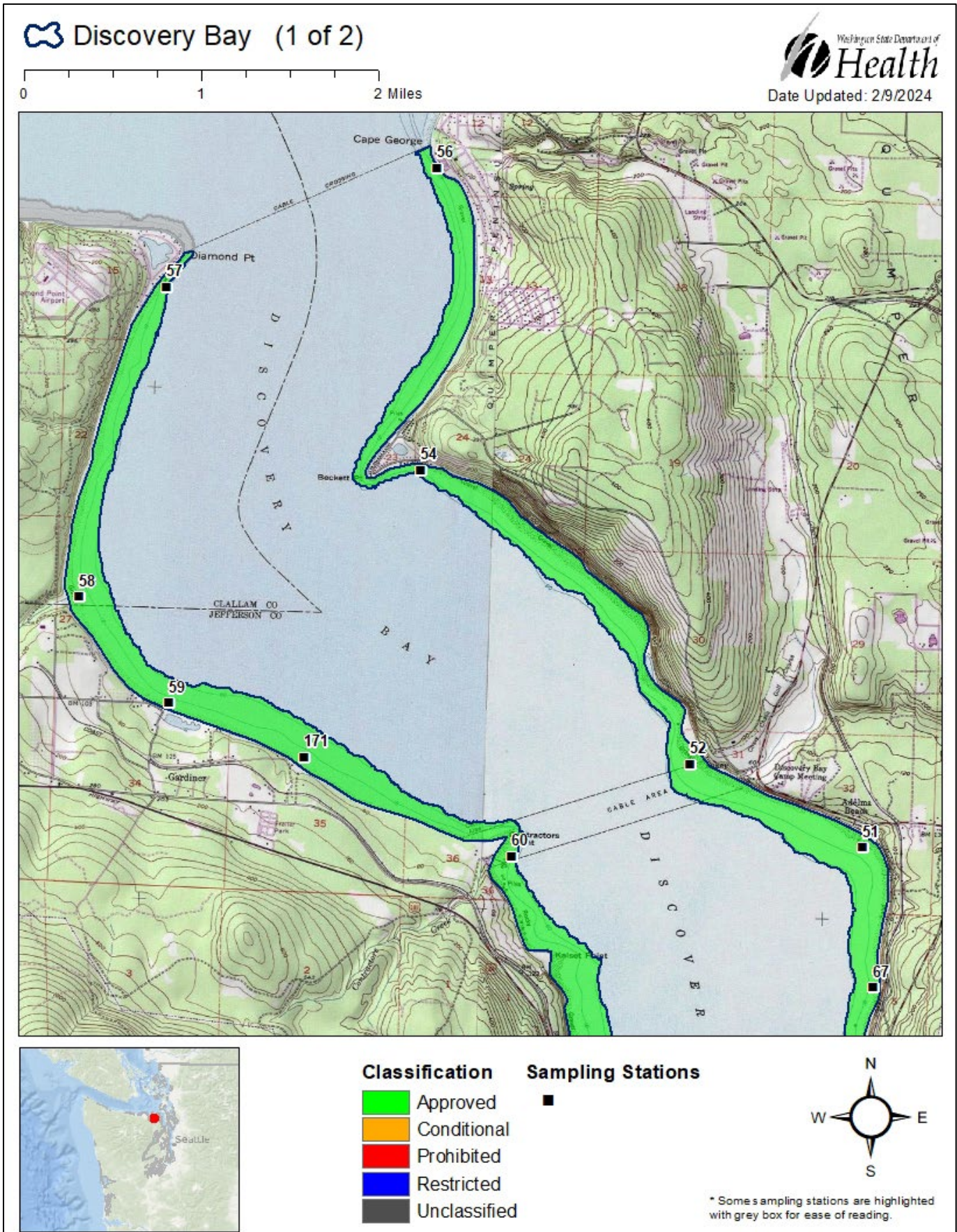
Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
47	Approved	1/8/2019 - 11/28/2023	1.7 - 4.5	1.8	2.2	Y
48	Approved	1/8/2019 - 11/28/2023	1.7 - 9.3	1.9	3.0	Y
50	Approved	1/8/2019 - 11/28/2023	1.7 - 13.0	2.3	4.6	Y
51	Approved	1/8/2019 - 11/28/2023	1.7 - 4.5	1.9	2.5	Y
52	Approved	1/8/2019 - 11/28/2023	1.7 - 4.5	1.8	2.2	Y
54	Approved	1/8/2019 - 11/28/2023	1.7 - 2.0	1.7	1.8	Y
57	Approved	1/8/2019 - 11/28/2023	1.7 - 1.8	1.7	1.7	Y
58	Approved	1/8/2019 - 11/28/2023	1.7 - 130.0	2.1	5.8	Y
59	Approved	1/8/2019 - 11/28/2023	1.7 - 13.0	1.9	3.5	Y
60	Approved	1/8/2019 - 11/28/2023	1.7 - 17.0	1.9	3.4	Y
61	Approved	1/8/2019 - 11/28/2023	1.7 - 4.5	1.8	2.2	Y
62	Approved	1/8/2019 - 11/28/2023	1.7 - 22.0	2.0	3.8	Y
66	Approved	1/8/2019 - 11/28/2023	1.7 - 17.0	2.0	3.9	Y
67	Approved	12/18/2018 - 11/28/2023	1.7 - 4.5	1.8	2.3	Y
171	Approved	1/8/2019 - 11/28/2023	1.7 - 2.0	1.7	1.8	Y
189	Approved	1/8/2019 - 11/28/2023	1.7 - 79.0	2.1	5.2	Y
192	Approved	1/8/2019 - 11/28/2023	1.7 - 11.0	1.9	3.4	Y
56	Prohibited	1/8/2019 - 11/28/2023	1.7 - 11.0	2.0	3.8	Y
196	Unclassified	2/25/2021 - 12/21/2023	1.7 - 130.0	3.8	16.5	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. Discovery Bay Growing Area (1 of 2)

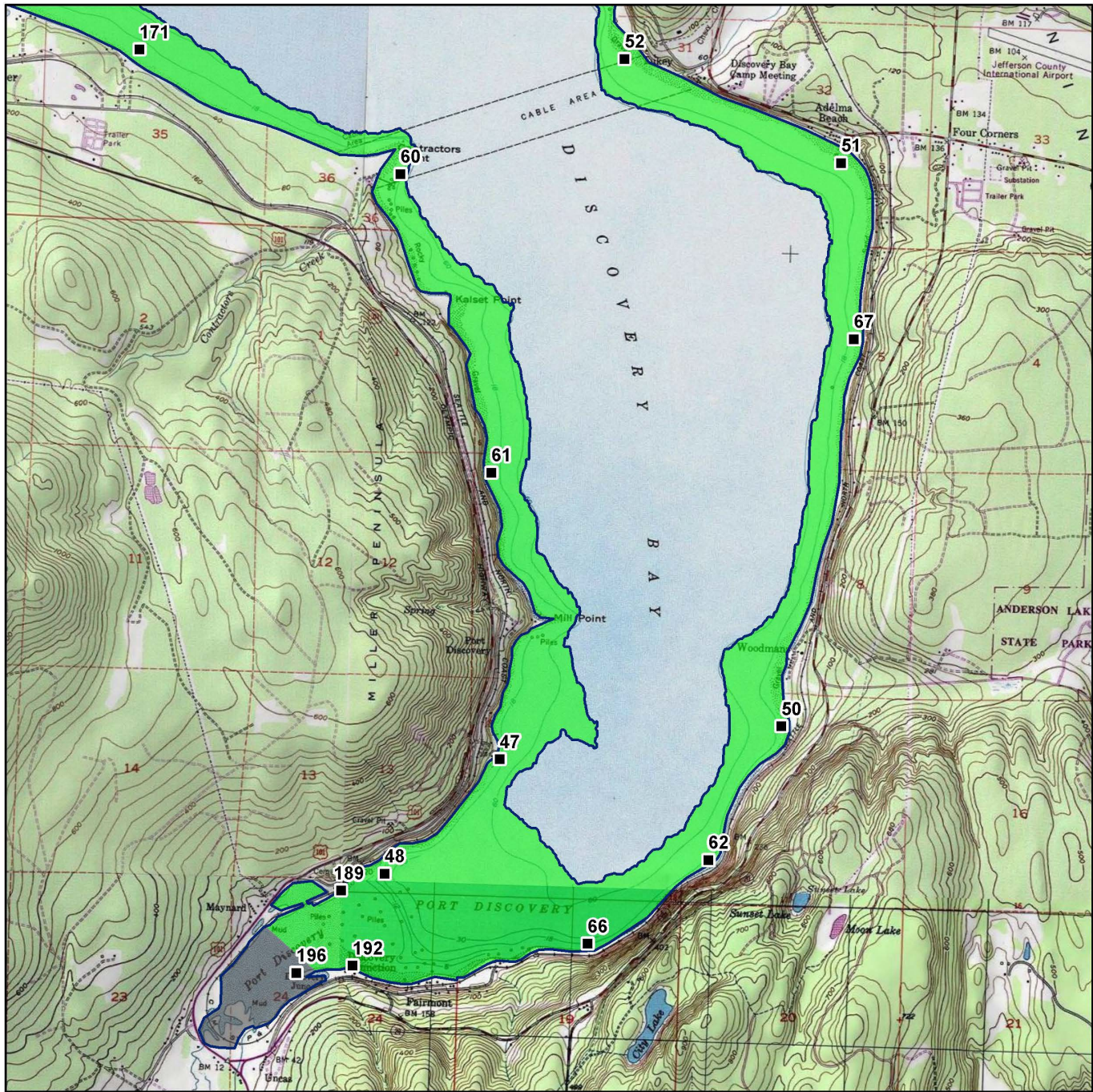


MAP 2. Discovery Bay Growing Area (2 of 2)

Discovery Bay (2 of 2)

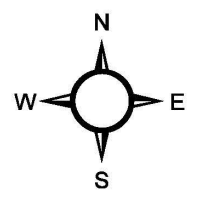
0 1 2 Miles

Washington State Department of Health
 Date Updated: 7/11/2018



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

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