

Pacific Coast

Annual Shellfish Growing Area Review



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Area: Pacific Coast

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 National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. No additional activities have been documented in the growing area.

Analytical Results of Water Samples

Table 1 summarizes the most recent 30 samples collected from each of the sampling stations. All Approved stations meet NSSP criteria. Station 195 is Threatened with an estimated 90th percentile of 29.3 FC/100mL. Table 2 shows Station 195 individual data.

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 Approved stations meet the NSSP water quality standard, and the area is correctly classified. The classification around Station 9 should be re-evaluated.

TABLE 1. Summary of Marine Water Data (SRS) for the Pacific Coast 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
1	Approved	2/19/2019 - 12/11/2023	1.7 - 79.0	3.7	13.7	Y
2	Approved	2/19/2019 - 12/11/2023	1.7 - 70.0	3.3	12.5	Y
3	Approved	2/19/2019 - 12/11/2023	1.7 - 110.0	3.0	9.9	Y
4	Approved	2/19/2019 - 12/11/2023	1.7 - 920.0	3.2	17.6	Y
5	Approved	9/11/2018 - 12/11/2023	1.7 - 49.0	4.4	15.0	Y
6	Approved	2/19/2019 - 12/11/2023	1.7 - 49.0	3.2	10.3	Y
7	Approved	2/19/2019 - 12/11/2023	1.7 - 79.0	3.1	11.5	Y
8	Approved	2/19/2019 - 12/11/2023	1.7 - 33.0	3.0	8.7	Y
10	Approved	2/19/2019 - 12/11/2023	1.7 - 46.0	2.7	7.6	Y
11	Approved	2/19/2019 - 12/11/2023	1.7 - 170.0	3.3	15.9	Y
195	Approved	2/19/2019 - 12/11/2023	1.7 - 240.0	4.5	29.3	Y
196	Approved	2/19/2019 - 12/11/2023	1.7 - 33.0	4.0	13.3	Y
197	Approved	9/11/2018 - 12/11/2023	1.7 - 79.0	4.6	23.7	Y
198	Approved	2/19/2019 - 12/11/2023	1.7 - 49.0	2.7	8.9	Y
9	Prohibited	2/19/2019 - 12/11/2023	1.7 - 920.0	4.0	23.6	Y
12	Prohibited	2/19/2019 - 12/11/2023	1.7 - 130.0	11.7	85.7	N

The standard for Approved shellfish growing waters is a 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.

TABLE 2. Marine Water Data Summary for the Threatened Station in Pacific Coast

Station: 195

Classification: Approved

Method: SRS

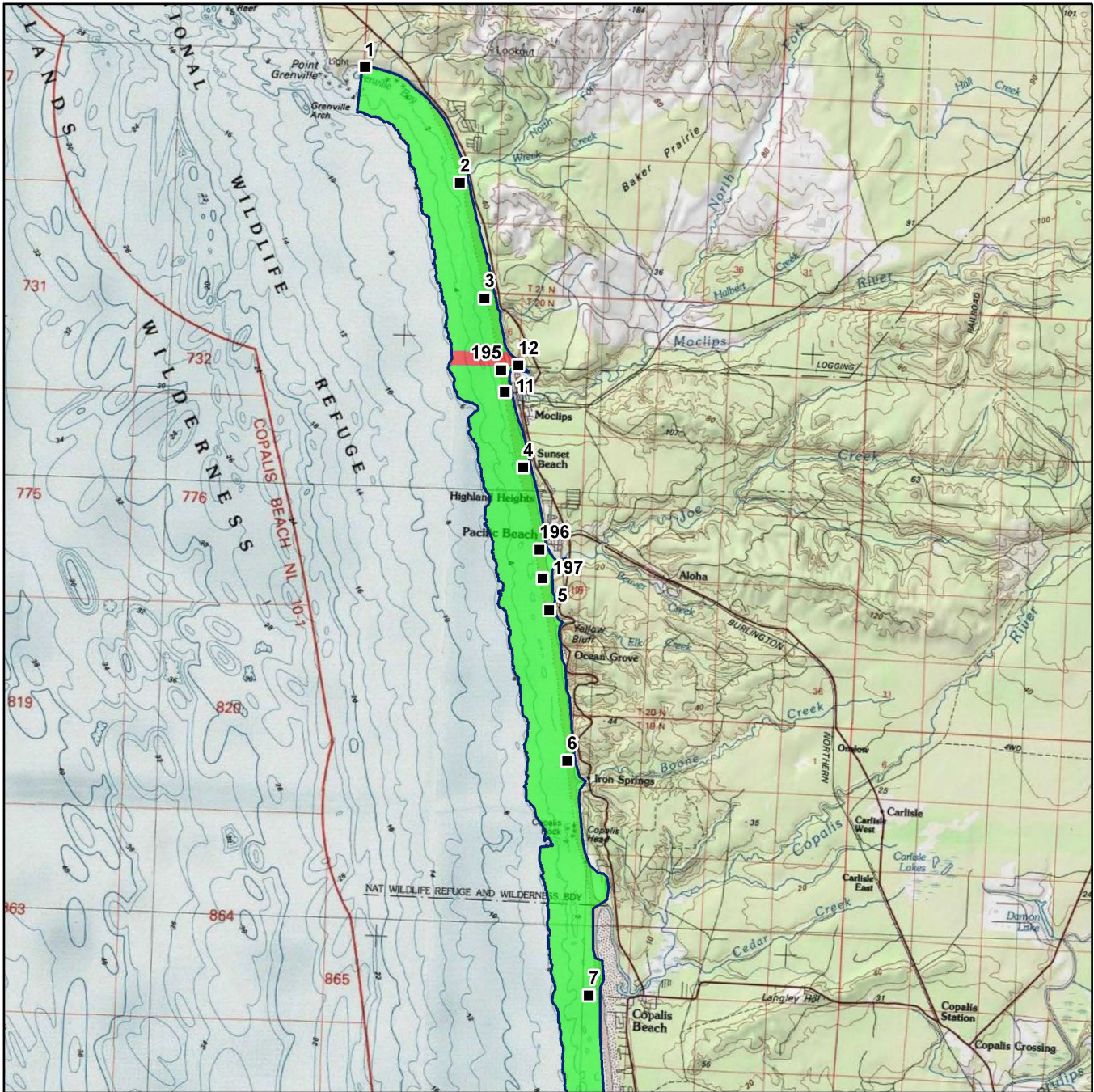
Total Samples: 30 Range (FC/100 mL): 1.7 - 240.0 GeoMean (FC/100 mL): 4.5				Date Range: 02/19/2019 - 12/11/2023 E90th (FC/100 mL): 29.3 Meets Standard: Y		
Sample Date	Event Type	Time	Tide	SWT	Salinity	Fecal Coliform
02/19/2019	Regulatory	09:56	Flood	7	24	1.7
04/16/2019	Regulatory	09:02	Flood	11	24	1.7
06/04/2019	Regulatory	08:56	Flood	11	30	4.5
08/13/2019	Regulatory	08:26	Flood	17	31	1.8
10/08/2019	Regulatory	09:52	Flood	12	21	22.0
12/17/2019	Regulatory	13:58	Flood	8	30	33.0
01/22/2020	Regulatory	09:58	Flood	8	21	1.7
03/18/2020	Regulatory	09:29	Ebb	7	22	1.7
05/05/2020	Regulatory	08:22	Flood	12	23	1.7
07/07/2020	Regulatory	08:21	Ebb	16	26	1.7
09/15/2020	Regulatory	08:40	Flood	14	26	4.5
11/03/2020	Regulatory	08:51	Flood	12	22	130.0
02/16/2021	Regulatory	10:22	Flood	7	5	6.8
04/27/2021	Regulatory	08:19	Flood	11	28	1.7
06/02/2021	Regulatory	09:19	Flood	11	28	1.7
08/03/2021	Regulatory	08:56	Flood	12	30	4.0
10/05/2021	Regulatory	09:21	Flood	12	27	26.0
12/07/2021	Regulatory	10:01	Flood	10	26	1.7
01/18/2022	Regulatory	09:47	Flood	9	17	2.0
03/01/2022	Regulatory	09:42	Flood	9	23	13.0
05/24/2022	Regulatory	07:32	Flood	11	28	1.7
07/19/2022	Regulatory	09:06	Ebb	13	30	1.7
09/06/2022	Regulatory	08:52	Flood	15	30	2.0
11/01/2022	Regulatory	09:38	Ebb	10	14	240.0
02/07/2023	Regulatory	10:30	Flood	9	22	1.8
04/04/2023	Regulatory	09:08	Flood	8	14	1.7
06/06/2023	Regulatory	08:00	Ebb	10	18	1.7
08/14/2023	Regulatory	09:55	Flood	11	23	1.7
10/03/2023	Regulatory	09:48	Ebb	14	17	79.0
12/11/2023	Regulatory	10:12	Flood	10	19	4.5

MAP 1. Pacific Coast Growing Area (1 of 2)

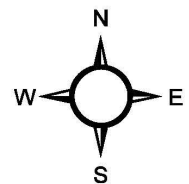
Pacific Coast (1 of 2)



Date Updated: 7/11/2018



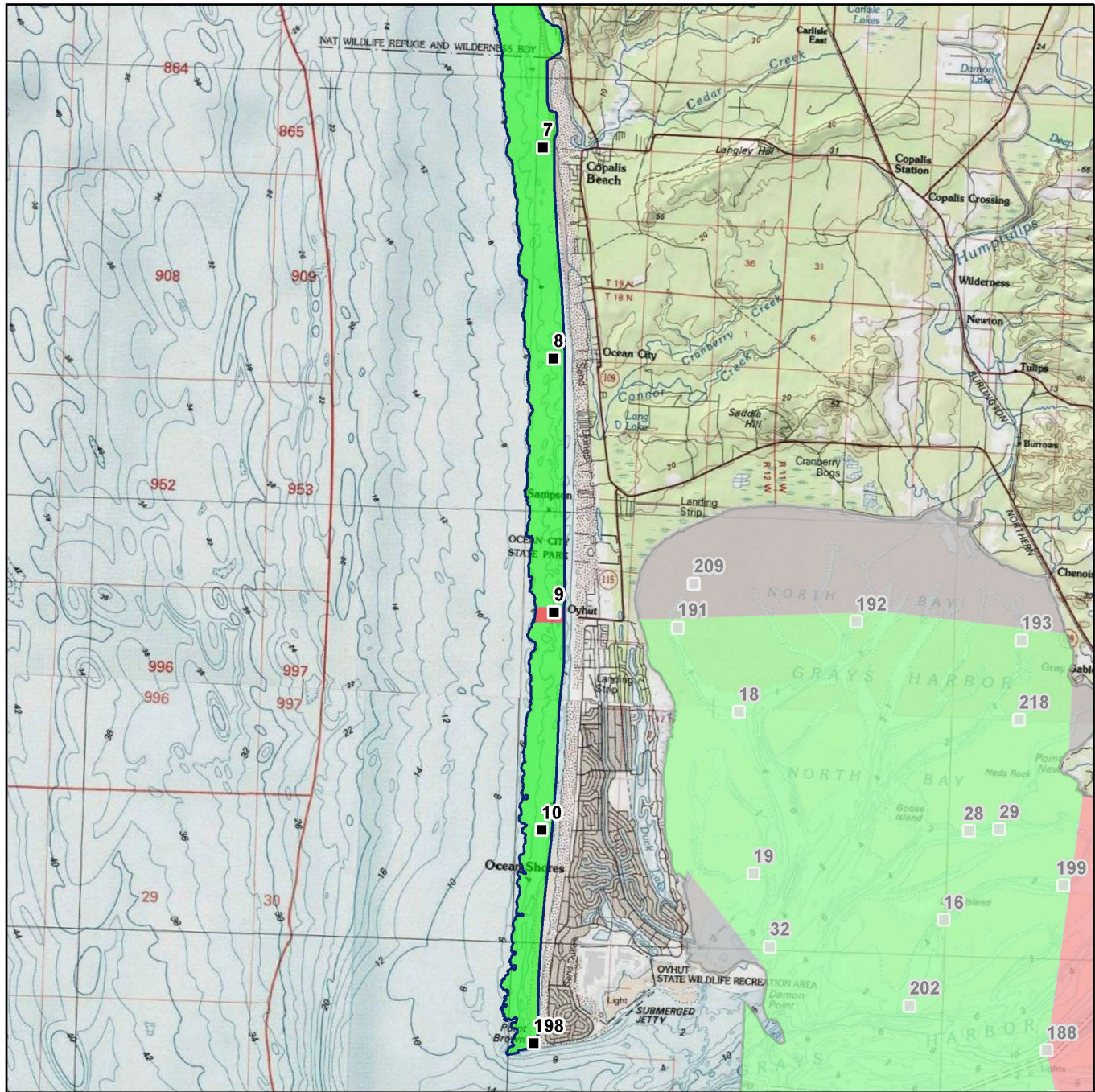
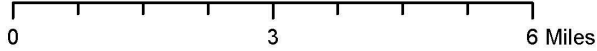
Classification	Sampling Stations
Approved	■
Conditional	
Prohibited	
Restricted	
Unclassified	



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

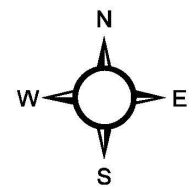
MAP 2. Pacific Coast Growing Area (2 of 2)

Pacific Coast (2 of 2)



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

Sampling Stations



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