

Pacific Coast

Annual Shellfish Growing Area Review



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Area: Pacific Coast

Year Ending: December 31, 2024

Classification: Approved, Prohibited

Activities in the Growing Area in 2024

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. A routine three-year shoreline evaluation was completed. No new or changes in pollution sources were identified that impacted 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. Stations 195, 197, and 9 are Threatened with estimated 90th percentiles of 35.9 FC/100mL, 29.1 FC/100mL, and 27.4 FC/100mL, respectively. Table 2 shows individual data at these stations.

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.

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	1/22/2020 - 11/5/2024	1.7 - 79.0	3.7	13.7	Y
2	Approved	1/22/2020 - 11/5/2024	1.7 - 70.0	3.5	13.8	Y
3	Approved	1/22/2020 - 11/5/2024	1.7 - 110.0	3.0	12.0	Y
4	Approved	1/22/2020 - 11/5/2024	1.7 - 920.0	3.7	24.6	Y
5	Approved	10/8/2019 - 11/5/2024	1.7 - 49.0	4.3	15.2	Y
6	Approved	1/22/2020 - 11/5/2024	1.7 - 350.0	4.1	21.9	Y
7	Approved	1/22/2020 - 11/5/2024	1.7 - 79.0	3.8	16.5	Y
8	Approved	1/22/2020 - 11/5/2024	1.7 - 33.0	3.6	11.3	Y
10	Approved	1/22/2020 - 11/5/2024	1.7 - 46.0	3.2	9.4	Y
11	Approved	1/22/2020 - 11/5/2024	1.7 - 170.0	4.2	24.7	Y
195	Approved	1/22/2020 - 11/5/2024	1.7 - 240.0	4.7	35.9	Y
196	Approved	1/22/2020 - 11/5/2024	1.7 - 49.0	3.8	13.8	Y
197	Approved	10/8/2019 - 11/5/2024	1.7 - 79.0	5.4	29.1	Y
198	Approved	1/22/2020 - 11/5/2024	1.7 - 49.0	2.9	10.1	Y
9	Prohibited	1/22/2020 - 11/5/2024	1.7 - 920.0	4.4	27.4	Y
12	Prohibited	1/22/2020 - 11/5/2024	1.7 - 350.0	15.1	147.8	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 Threatened Stations in Pacific Coast

Station: 195

Classification: Approved

Method: SRS

Total Samples: 30 Range (FC/100 mL): 1.7 - 240.0 GeoMean (FC/100 mL): 4.7				Date Range: 01/22/2020 - 11/05/2024 E90th (FC/100 mL): 35.9 Meets Standard: Y		
Sample Date	Event Type	Time	Tide	SWT	Salinity	Fecal Coliform
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
01/02/2024	Regulatory	10:14	Ebb	9	26	1.7
03/05/2024	Regulatory	10:50	Ebb	8	18	1.7
05/07/2024	Regulatory	09:30	Flood	12	22	130.0
07/01/2024	Regulatory	09:27	Flood	16	30	1.7
09/03/2024	Regulatory	09:45	Flood	16	27	2.0
11/05/2024	Regulatory	09:23	Flood	10	8	49.0

TABLE 2 continued. Marine Water Data Summary for Threatened Stations in Pacific Coast

Station: 197

Classification: Approved

Method: SRS

Total Samples: 30 Range (FC/100 mL): 1.7 - 79.0 GeoMean (FC/100 mL): 5.4				Date Range: 10/08/2019 - 11/05/2024 E90th (FC/100 mL): 29.1 Meets Standard: Y		
Sample Date	Event Type	Time	Tide	SWT	Salinity	Fecal Coliform
10/08/2019	Regulatory	09:03	Flood	11	24	2.0
12/17/2019	Regulatory	12:47	Flood	8	25	2.0
03/18/2020	Regulatory	08:45	Ebb	6	25	1.8
05/05/2020	Regulatory	07:27	Flood	11	24	1.7
07/07/2020	Regulatory	07:08	Ebb	16	26	6.8
09/15/2020	Regulatory	07:42	Flood	15	27	9.3
11/03/2020	Regulatory	07:59	Flood	12	27	79.0
02/16/2021	Regulatory	09:26	Ebb	7	6	7.8
04/27/2021	Regulatory	07:10	Ebb	11	28	1.7
06/02/2021	Regulatory	05:31	Flood	12	23	2.0
08/03/2021	Regulatory	07:55	Flood	9	26	14.0
10/05/2021	Regulatory	08:28	Flood	12	27	4.5
12/07/2021	Regulatory	09:14	Flood	10	25	1.7
01/18/2022	Regulatory	08:57	Flood	9	21	1.7
05/24/2022	Regulatory	06:43	Flood	11	28	2.0
07/19/2022	Regulatory	08:08	Ebb	13	30	1.7
09/06/2022	Regulatory	07:51	Flood	14	27	4.5
11/01/2022	Regulatory	08:50	Ebb	10	16	79.0
02/07/2023	Regulatory	09:36	Flood	9	18	1.7
04/04/2023	Regulatory	08:14	Flood	7	22	1.7
06/06/2023	Regulatory	06:54	Ebb	9	29	1.7
08/14/2023	Regulatory	08:55	Flood	12	29	33.0
10/03/2023	Regulatory	08:52	Ebb	14	19	49.0
12/11/2023	Regulatory	09:25	Flood	10	12	13.0
01/02/2024	Regulatory	09:20	Ebb	9	23	4.5
03/05/2024	Regulatory	09:02	Ebb	7	16	1.7
05/07/2024	Regulatory	08:29	Flood	11	20	4.5
07/01/2024	Regulatory	08:29	Flood	16	26	4.5
09/03/2024	Regulatory	08:42	Flood	16	29	49.0
11/05/2024	Regulatory	08:25	Flood	10	5	33.0

TABLE 2 continued. Marine Water Data Summary for Threatened Stations in Pacific Coast

Station: 9

Classification: Prohibited

Method: SRS

Total Samples: 30 Range (FC/100 mL): 1.7 - 920.0 GeoMean (FC/100 mL): 4.4				Date Range: 01/22/2020 - 11/05/2024 E90th (FC/100 mL): 27.4 Meets Standard: Y		
Sample Date	Event Type	Time	Tide	SWT	Salinity	Fecal Coliform
01/22/2020	Regulatory	07:52	Flood	9	17	1.7
03/18/2020	Regulatory	07:38	Ebb	7	27	4.0
05/05/2020	Regulatory	06:00	Ebb	12	23	1.7
07/07/2020	Regulatory	05:45	Ebb	16	26	17.0
09/15/2020	Regulatory	06:17	Flood	14	27	1.7
11/03/2020	Regulatory	06:38	Ebb	12	28	2.0
02/16/2021	Regulatory	08:06	Ebb	8	25	1.7
04/27/2021	Regulatory	05:45	Ebb	11	25	2.0
06/02/2021	Regulatory	04:27	Flood	12	30	1.7
08/03/2021	Regulatory	06:36	Flood	10	27	21.0
10/05/2021	Regulatory	07:08	Flood	12	29	920.0
12/07/2021	Regulatory	07:53	Ebb	10	25	1.7
01/18/2022	Regulatory	07:46	Flood	9	18	17.0
03/01/2022	Regulatory	07:38	Flood	8	25	1.7
05/24/2022	Regulatory	05:39	Flood	12	27	2.0
07/19/2022	Regulatory	06:48	Ebb	13	30	6.8
09/06/2022	Regulatory	06:36	Flood	14	25	2.0
11/01/2022	Regulatory	07:30	Flood	10	23	49.0
02/07/2023	Regulatory	08:20	Flood	9	24	7.8
04/04/2023	Regulatory	06:54	Flood	8	23	1.7
06/06/2023	Regulatory	05:38	Ebb	9	30	1.8
08/14/2023	Regulatory	07:31	Flood	12	25	1.7
10/03/2023	Regulatory	07:32	Ebb	14	27	1.7
12/11/2023	Regulatory	08:18	Flood	10	23	4.0
01/02/2024	Regulatory	08:02	Ebb	10	22	6.8
03/05/2024	Regulatory	07:43	Ebb	7	20	2.0
05/07/2024	Regulatory	06:47	Flood	11	25	4.5
07/01/2024	Regulatory	07:10	Flood	15	28	1.7
09/03/2024	Regulatory	07:00	Ebb	16	29	4.5
11/05/2024	Regulatory	07:11	Ebb	11	25	33.0

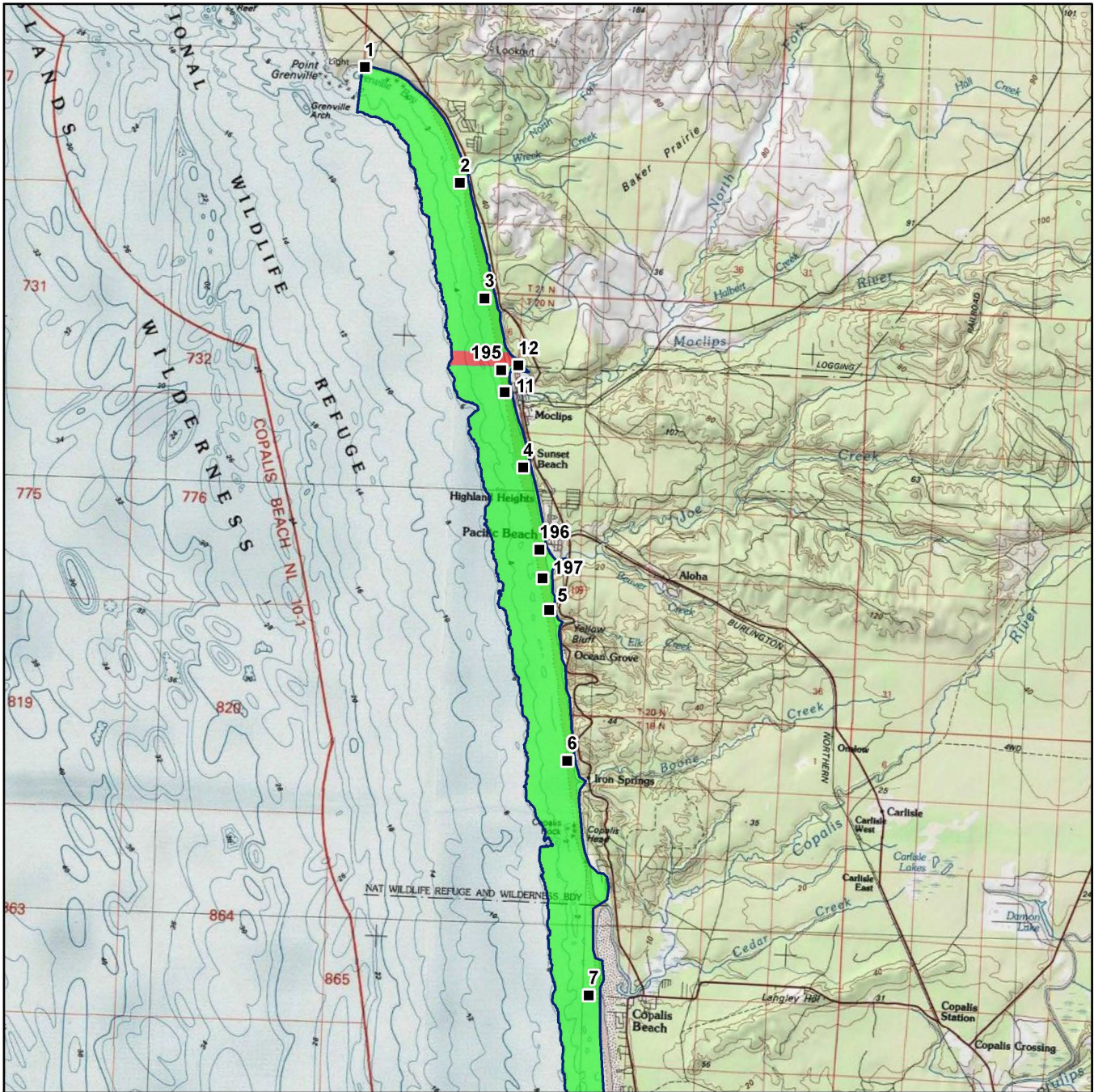
MAP 1. Pacific Coast Growing Area (1 of 2)

Pacific Coast (1 of 2)



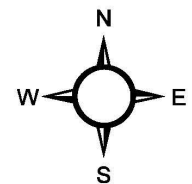
Date Updated: 7/11/2018

0 3 6 Miles



Classification Sampling Stations

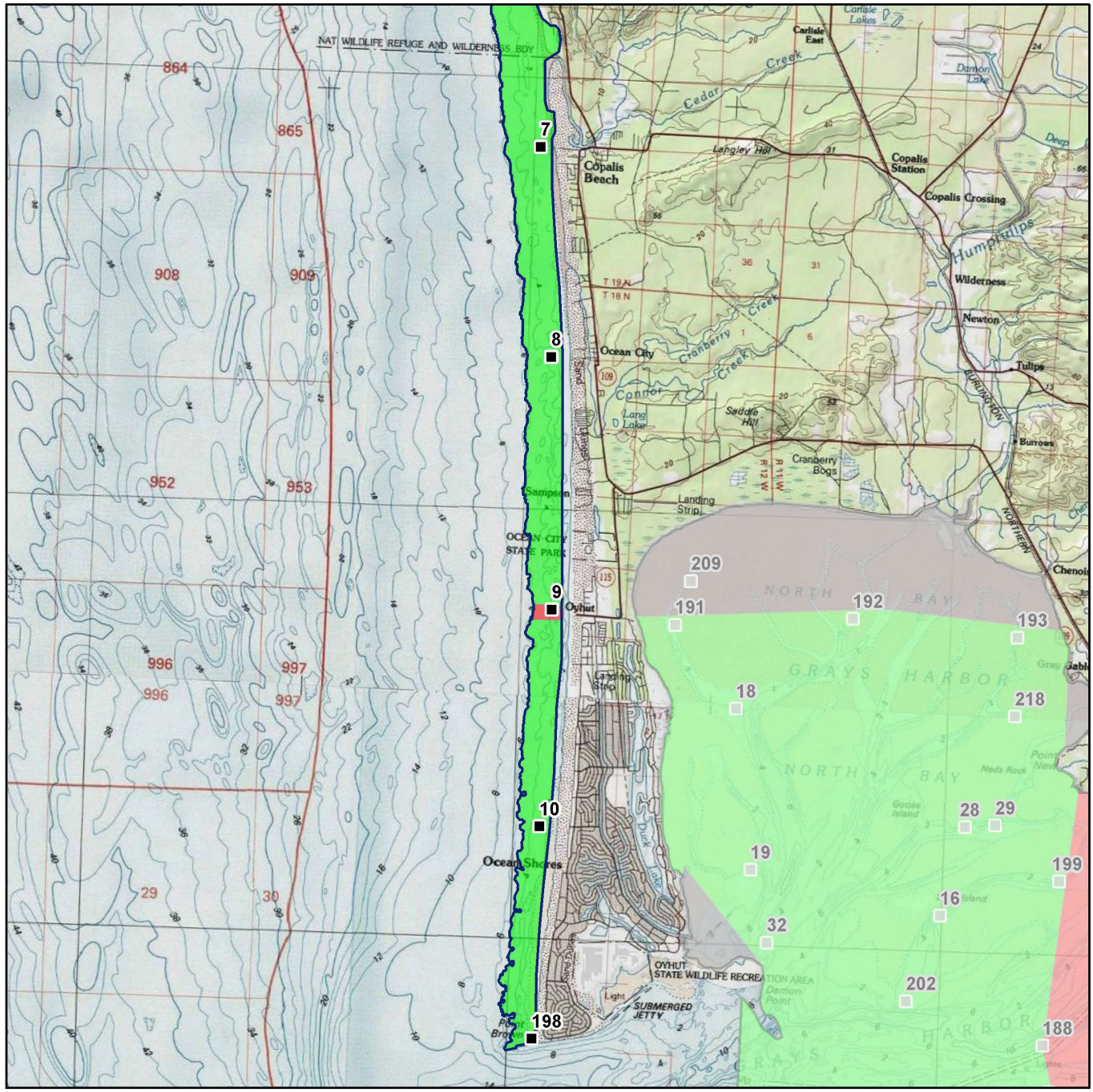
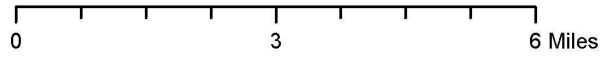
- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



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

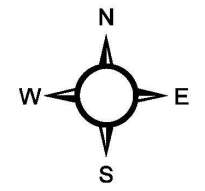
MAP 2. Pacific Coast Growing Area (2 of 2)

Pacific Coast (2 of 2)



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

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