

East Straits

Annual Shellfish Growing Area Review



Prepared By: Kelly Curtis

Area: East Straits

Year Ending: December 31, 2019

Classification: Approved, Prohibited

Activities in the Growing Area in 2019

Samples were collected from the Freshwater Bay and Siebert Creek Stations (116-128, 144-150) six times; from the Deep Creek Stations (136, 137, 139, and 174) two times, from Pillar Point Stations (141, and 142) six times, and from Pillar Point Station 143 two times, using the Systematic Random Sampling method. Pillar Point Station 140 was only sampled five times due to a broken bottle in shipment.

Deep Creek and Pillar Point stations are in the Inactive status until February 2020.

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 meet the NSSP water quality standard. Stations 136 and 140 are in the Concerned Status with estimated 90th percentiles of 25.5 FC/100mL and 21.1 FC/100mL respectively.

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 some concerns
- 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) East Straits Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

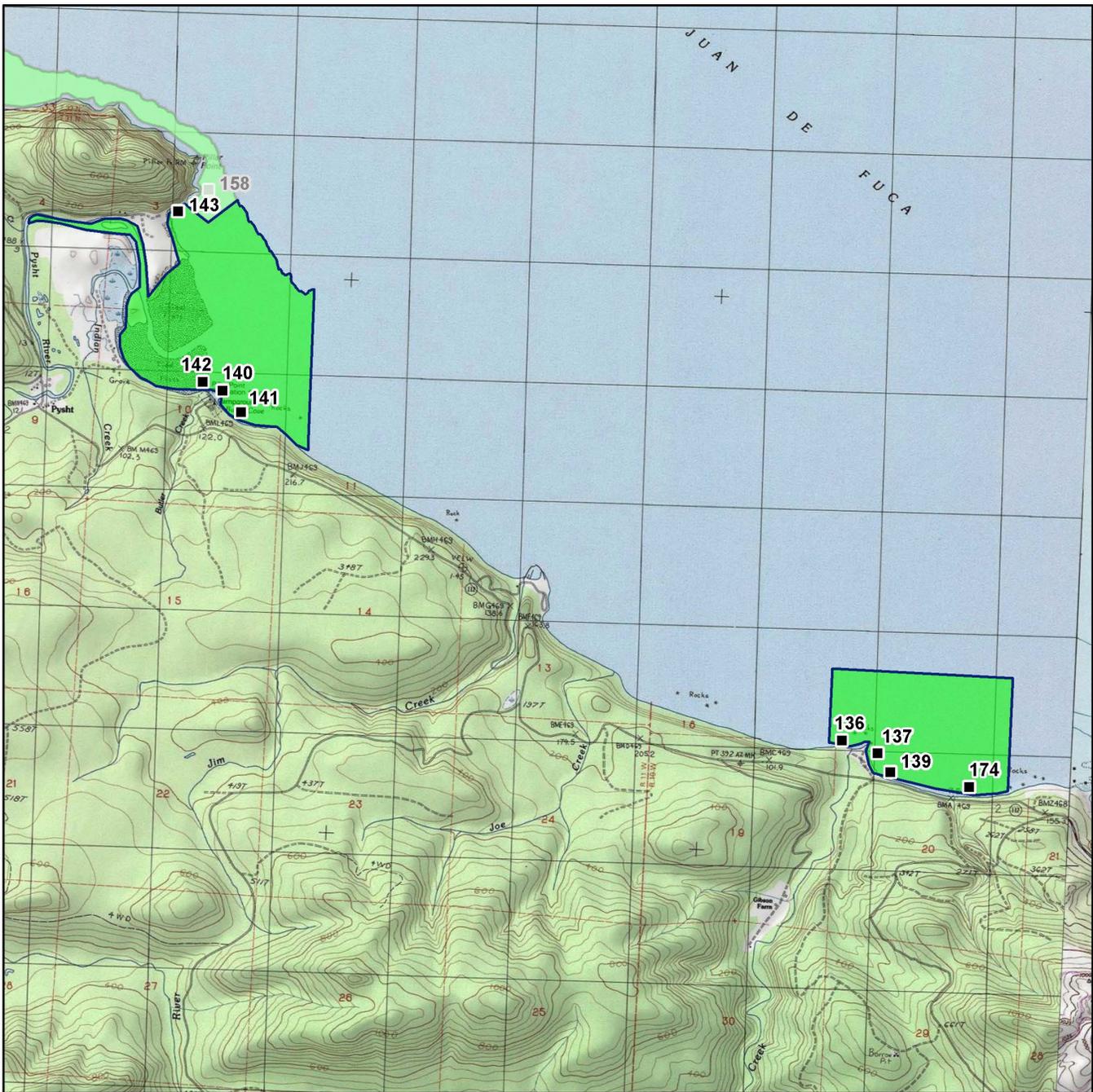
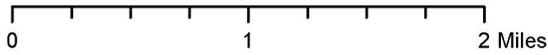
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
116	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
117	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
118	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
119	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
120	Approved	5/27/2015 - 11/4/2019	1.7 - 4.5	1.9	2.7	Y
121	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.8	1.9	Y
122	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
123	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
124	Approved	5/27/2015 - 11/4/2019	1.7 - 4.5	1.8	2.3	Y
127	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
128	Approved	5/27/2015 - 11/4/2019	1.7 - 11.0	1.9	3.1	Y
136	Approved	6/18/2008 - 8/27/2019	1.7 - 350.0	4.4	25.5	Y
137	Approved	6/18/2008 - 8/27/2019	1.7 - 79.0	2.5	7.6	Y
139	Approved	5/27/2008 - 8/27/2019	1.7 - 130.0	3.1	10.0	Y
140	Approved	6/29/2015 - 12/10/2019	1.7 - 140.0	3.8	21.1	Y
141	Approved	8/26/2015 - 12/10/2019	1.7 - 130.0	3.5	16.0	Y
142	Approved	6/29/2015 - 12/10/2019	1.7 - 110.0	3.8	19.2	Y
143	Approved	12/19/2007 - 8/27/2019	1.7 - 11.0	2.2	4.2	Y
144	Approved	5/27/2015 - 11/4/2019	1.7 - 4.5	1.8	2.3	Y
145	Approved	5/27/2015 - 11/4/2019	1.7 - 2.0	1.7	1.8	Y
146	Approved	5/27/2015 - 11/4/2019	1.7 - 22.0	2.0	3.9	Y
147	Approved	3/19/2015 - 11/4/2019	1.7 - 17.0	2.2	4.5	Y
174	Approved	6/18/2008 - 8/27/2019	1.7 - 1600.0	3.2	19.8	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.

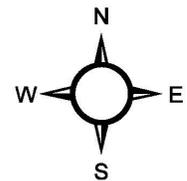
MAP 1. East Straits Growing Area 1 of 3

East Straits (1 of 3)



Classification Sampling Stations

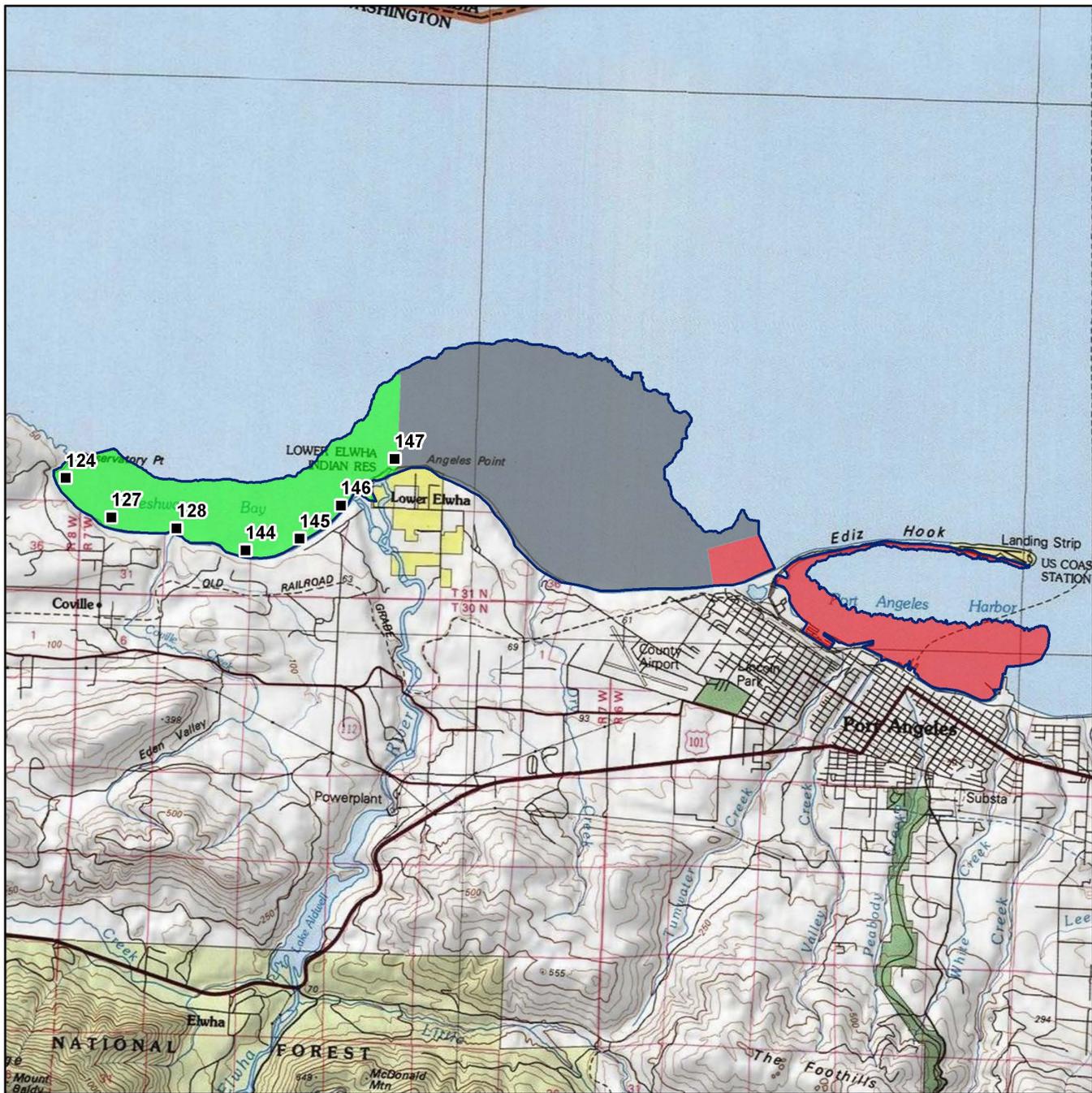
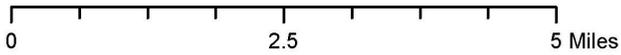
- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



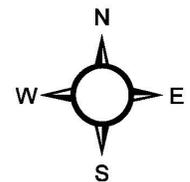
* Some sampling stations are highlighted with grey box for ease of reading.

MAP 2. East Straits Growing Area 2 of 3

East Straits (2 of 3)



Classification		Sampling Stations
	Approved	
	Conditional	
	Prohibited	
	Restricted	
	Unclassified	



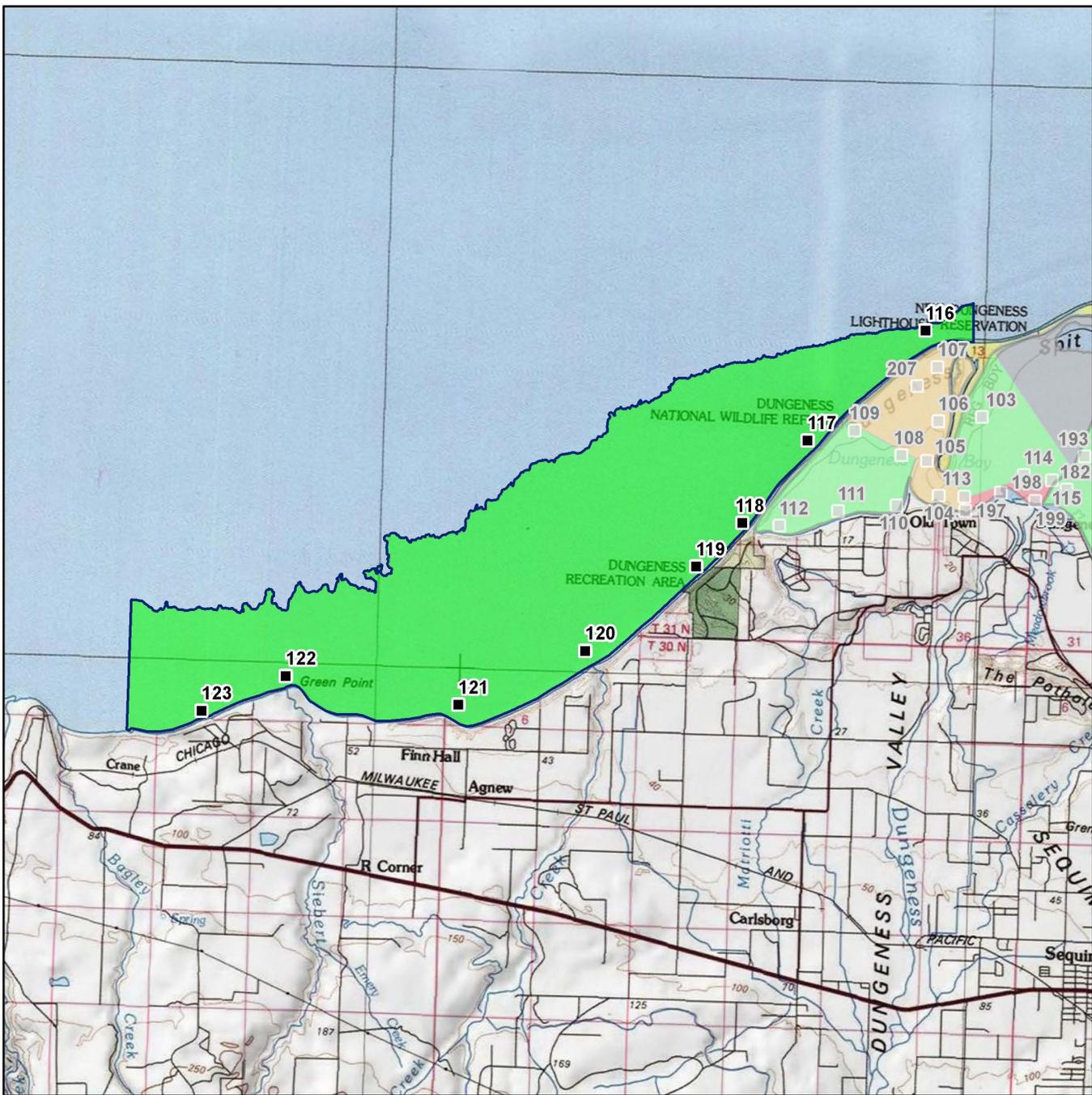
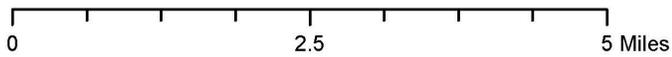
* Some sampling stations are highlighted with grey box for ease of reading.

MAP 3. East Straits Growing Area 3 of 3

 East Straits (3 of 3)

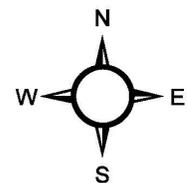


Date Updated: 7/11/2018



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 - Prohibited
 - Restricted
 - Unclassified

Sampling Stations



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