

**Washington State Department of Health
Office of Environmental Health and Safety**

Annual Growing Area Review

PREPARED BY: Eric Schlorff
AREA: Eld Inlet
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved and Unclassified

Activities In The Growing Area in 2015

The growing area was sampled seven times using the Systematic Random Sampling method. The area was closed due to excessive rainfall for five days from January 5 to January 10, 2015. The Sanderson Harbor area had its classification changed from Restricted to Approved. Thurston County received National Estuary Program funding to plan and promote enhanced on-site septic system operation and maintenance. Eld Inlet was closed due to excessive rainfall for five days from January 5 to January 10, 2015. There is an approved relay to the growing area; shellfish are relayed from the Restricted portion of Hammersley Inlet.

Analytical Results Of Water Samples

Table 1 shows a summary of the most recent 30 samples from the growing area. All stations meet the NSSP standards for an Approved classification. Station 700 is located in the Unclassified portion of the growing area; however, it has an estimated 90th percentile of 20.6 FC/100ml. It is in Concerned status based on its proximity to the sanitary line.

Change In Actual Pollution Sources That Impact The Growing Area

We have no information of new pollution sources in the Eld Inlet growing area.

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

The area is correctly classified.

**TABLE 1: Summary of Marine Water Data (SRS)
Growing Area: Eld Inlet**

Sampling Event Type: Regulatory

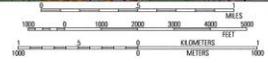
Tides Included: ALL

Maximum Number of Samples: 30

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
160	Approved	2/28/2011 - 10/15/2015	1.7 - 23.0	2.9	7.3	Y
161	Approved	4/12/2011 - 10/15/2015	1.7 - 33.0	3.7	12.4	Y
162	Approved	4/12/2011 - 10/15/2015	1.7 - 130.0	4.0	14.8	Y
163	Approved	4/12/2011 - 10/15/2015	1.7 - 17.0	3.8	10.5	Y
164	Approved	4/12/2011 - 10/15/2015	1.7 - 17.0	2.6	6.4	Y
165	Approved	4/12/2011 - 10/15/2015	1.7 - 46.0	3.0	9.0	Y
166	Approved	4/12/2011 - 10/15/2015	1.7 - 49.0	2.7	7.7	Y
167	Approved	4/12/2011 - 10/15/2015	1.7 - 33.0	2.8	7.7	Y
168	Approved	4/12/2011 - 10/15/2015	1.7 - 17.0	2.6	5.9	Y
169	Approved	4/12/2011 - 10/15/2015	1.7 - 49.0	3.1	8.3	Y
170	Approved	6/8/2011 - 10/15/2015	1.7 - 49.0	4.0	15.0	Y
171	Approved	2/28/2011 - 10/15/2015	1.7 - 33.0	3.3	10.8	Y
172	Approved	4/12/2011 - 10/15/2015	1.7 - 33.0	2.4	5.7	Y
173	Approved	4/12/2011 - 10/15/2015	1.7 - 33.0	2.1	4.5	Y
174	Approved	4/12/2011 - 10/15/2015	1.7 - 79.0	2.6	7.7	Y
175	Approved	4/12/2011 - 10/15/2015	1.7 - 13.0	2.4	5.3	Y
176	Approved	4/12/2011 - 10/15/2015	1.7 - 7.8	2.4	4.9	Y
177	Approved	4/12/2011 - 10/15/2015	1.7 - 110.0	2.5	7.9	Y
178	Approved	4/12/2011 - 10/15/2015	1.7 - 22.0	2.1	4.4	Y
179	Approved	4/12/2011 - 10/15/2015	1.7 - 7.8	2.2	4.1	Y
180	Approved	4/12/2011 - 10/15/2015	1.7 - 7.8	1.9	3.1	Y
181	Approved	4/12/2011 - 10/15/2015	1.7 - 7.8	2.0	3.5	Y
182	Approved	4/12/2011 - 10/15/2015	1.7 - 4.5	2.0	3.0	Y
849	Approved	7/21/2014 - 10/15/2015	1.7 - 46.0	2.9	11.2	*N/A
159	Unclassified	4/12/2011 - 10/15/2015	1.7 - 33.0	4.4	13.2	Y
700	Unclassified	4/12/2011 - 10/15/2015	1.7 - 49.0	5.3	20.6	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.

* N/A – SRS criteria require a minimum of 30 samples from each station. *



114° 16' W
10/02/15