

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Jule Schultz
AREA: Eld Inlet
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities In The Growing Area in 2011

Eld Inlet was sampled six times in 2011 using the Systematic Random Sampling method. Eld Inlet was closed once under emergency conditions for seven days due to over three inches of rain at the Olympia Airport in 24 hours. Thurston County received Pollution Identification and Correction funds to begin work in the Eld Inlet Watershed.

Analytical Results Of Water Samples

Table 1 shows a summary of the most recent 30 marine water samples in the growing area. All stations meet NSSP criteria for an Approved classification. Stations 159, 171, and 700 are of Concerned status. If water quality degrades at Station 700 it may impact the location of the sanitary line.

Change In Actual Pollution Sources That Impact The Growing Area

We have no new information regarding new pollutions sources in the 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

Eld Inlet is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **ELD INLET**

Classification: **Approved,Unclassified**

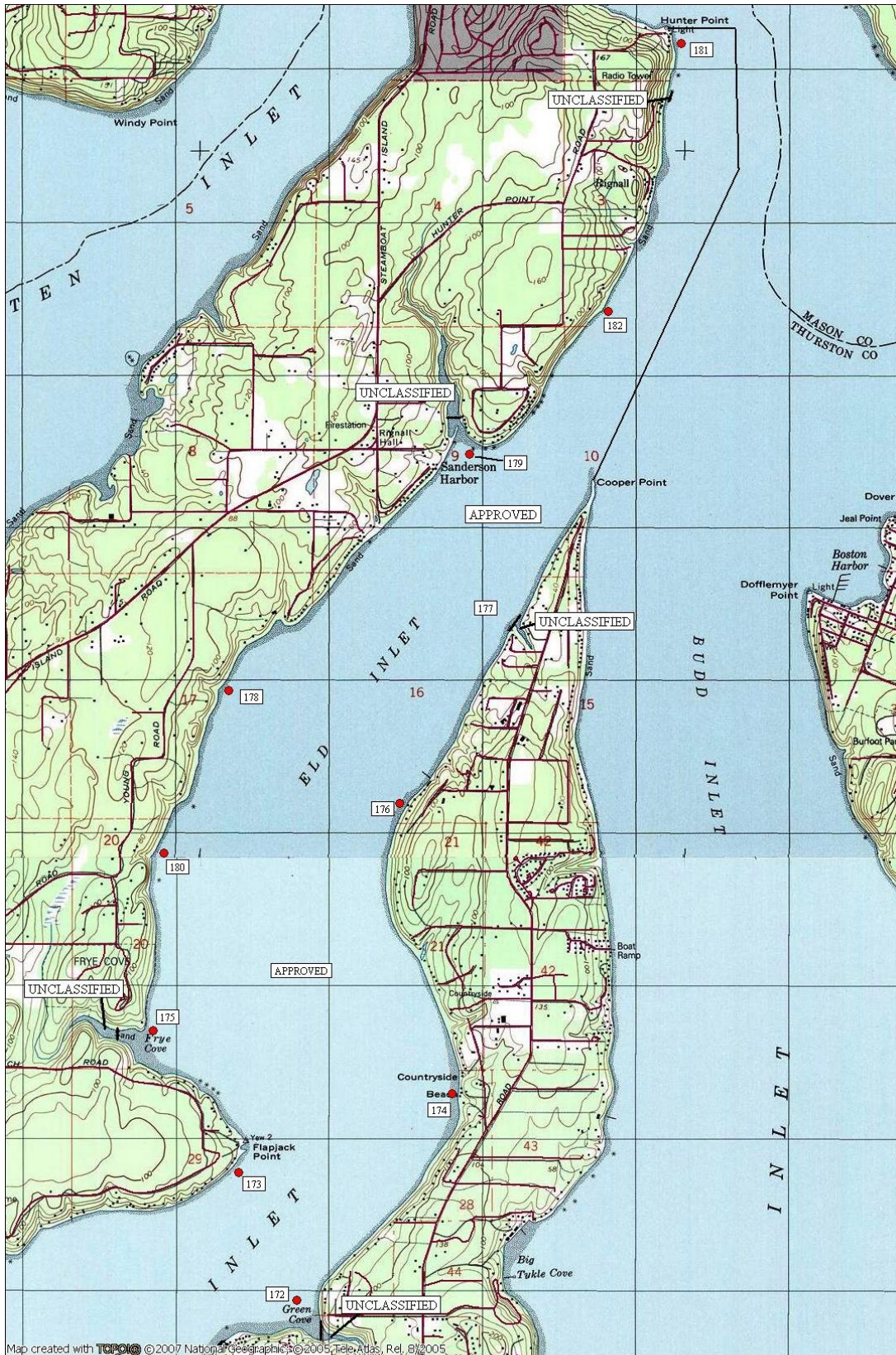
From **08/14/2006** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

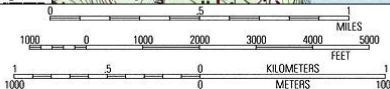
Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
160	Approved	31	1.7 - 79.0	4.1	16.0	Yes
161	Approved	31	1.7 - 33.0	3.7	11.0	Yes
162	Approved	31	1.7 - 33.0	3.4	11.0	Yes
163	Approved	31	1.7 - 540.0	3.3	17.0	Yes
164	Approved	31	1.7 - 79.0	2.7	9.0	Yes
165	Approved	31	1.7 - 23.0	3.1	8.0	Yes
166	Approved	31	1.7 - 110.0	3.1	12.0	Yes
167	Approved	31	1.7 - 23.0	2.7	6.0	Yes
168	Approved	31	1.7 - 13.0	2.2	4.0	Yes
169	Approved	31	1.7 - 350.0	2.9	13.0	Yes
170	Approved	31	1.7 - 46.0	3.0	9.0	Yes
171	Approved	31	1.7 - 33.0	4.8	22.0	Yes
172	Approved	31	1.7 - 130.0	2.2	6.0	Yes
173	Approved	31	1.7 - 49.0	1.9	4.0	Yes
174	Approved	31	1.7 - 49.0	1.9	4.0	Yes
175	Approved	31	1.7 - 49.0	2.2	6.0	Yes
176	Approved	31	1.7 - 170.0	2.3	7.0	Yes
177	Approved	31	1.7 - 2,400.0	2.7	18.0	Yes
178	Approved	31	1.7 - 33.0	2.0	4.0	Yes
179	Approved	31	1.7 - 79.0	2.2	5.0	Yes
180	Approved	31	1.7 - 11.0	2.0	3.0	Yes
181	Approved	31	1.7 - 4.5	1.9	2.0	Yes
182	Approved	31	1.7 - 6.8	1.9	3.0	Yes
159	Unclassified	30	1.7 - 130.0	5.9	25.0	Yes
700	Unclassified	31	1.7 - 49.0	5.3	20.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.



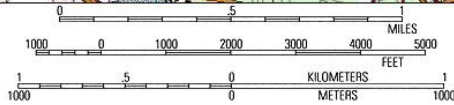
Map created with TOPOIG © 2007 National Geographic © 2005 TeleAtlas, Rel. 8/2005



Eld Inlet 11/30/2006



Map created with TOPOIC © 2007 National Geographic, © 2005 Tele Atlas, Rel. 9/2005



TN / MN
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01/29/10