

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Kelly Curtis, Environmental Specialist

AREA: Upright Channel

YEAR ENDING: December 31, 2011

CLASSIFICATION: Approved (Inactive), Unclassified

ACTIVITIES IN THE GROWING AREA IN 2011

The Upright Channel growing area was placed in Inactive status in August 2010, with the exception of two stations in Squaw Bay (Unclassified). Water samples from the Approved/Inactive stations (35-42 and 94) were collected 3 times each, using the Systematic Random Sampling method (SRS). Water samples from the Unclassified stations (92 and 93) were collected 6 times each using SRS. In March, a station (94) was added to the North East corner of the sanitary line boundary in the Approved portion.

ANALYTICAL RESULTS OF WATER SAMPLES

Table 1 summarizes the results of all samples collected from the area. This summary shows that all stations in the Approved/Inactive area pass the NSSP water quality standard.

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 a downgrade in classification
- Fails to meet classification standards

REMARKS AND RECOMMENDATIONS

Currently there are pending harvest area request applications under review by DOH for the Unclassified area. The remainder of Upright Channel is an Approved commercial shellfish growing area, but currently there are no approved harvest sites. There is however, recent interest in commercial scallop harvest.

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: UPRIGHT CHANNEL

Classification: **Approved, Unclassified**

From **02/02/2006** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
35	Approved	30	1.7 - 2.0	1.7	1.0	Yes
36	Approved	30	1.7 - 4.5	1.7	2.0	Yes
37	Approved	30	1.7 - 4.0	1.7	2.0	Yes
38	Approved	30	1.7 - 2.0	1.7	1.0	Yes
39	Approved	30	1.7 - 13.0	1.9	3.0	Yes
40	Approved	30	1.7 - 2.0	1.7	1.0	Yes
41	Approved	30	1.7 - 33.0	1.9	3.0	Yes
42	Approved	31	1.7 - 33.0	2.0	4.0	Yes
94	Approved	3	1.7 - 2.0	1.8	2.0	*N/A
92	Unclassified	25	1.7 - 350.0	4.4	25.0	*N/A
93	Unclassified	9	1.7 - 11.0	2.1	4.0	*N/A

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.

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

Upright Channel 03/08/11

