

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

Annual Growing Area Review

PREPARED BY: Liz Maier
AREA: Oak Bay
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved

Activities in the Growing Area in 2015

The growing area was sampled six times using the Systematic Random Sampling method. Jefferson County Public Health is receiving NEP funds to enhance their septic system operations and maintenance program in the area. In addition, the Hood Canal Coordinating Council is receiving funds to coordinate efforts in a regional pollution identification and correction program in the Hood Canal Action Area, which includes Oak Bay.

Analytical Results of Water Samples

Table 1 summarizes the 30 most recent samples collected from each of the sampling stations. This summary shows that all stations in the area pass NSSP water quality standards for an Approved classification.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating that the Oak Bay growing 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 in the growing area pass NSSP water quality standards for an Approved classification and that the area is correctly classified.

TABLE 1

**Summary of Marine Water Data (SRS)
Growing Area: Oak Bay**

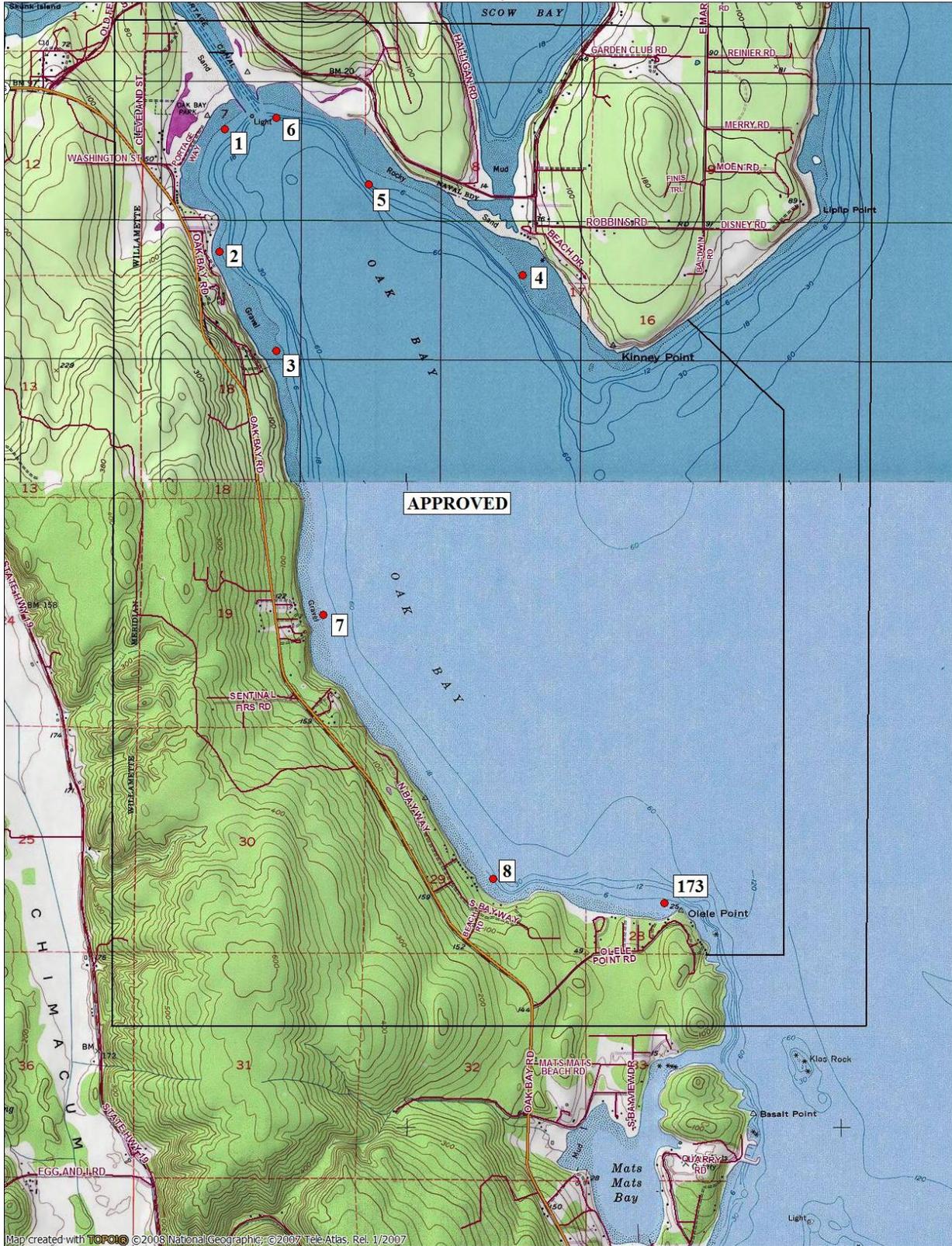
Sampling Event Type: Regulatory
Maximum Number of Samples: 30

Tides Included: ALL

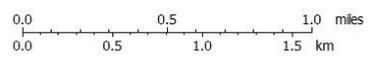
Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
1	Approved	2/7/2011 - 11/19/2015	1.7 - 2.0	1.7	1.8	Y
2	Approved	2/7/2011 - 11/19/2015	1.7 - 6.8	1.9	3.0	Y
3	Approved	2/7/2011 - 11/19/2015	1.7 - 23.0	1.9	3.7	Y
4	Approved	2/7/2011 - 11/19/2015	1.7 - 14.0	1.8	3.0	Y
5	Approved	2/7/2011 - 11/19/2015	1.7 - 2.0	1.7	1.8	Y
6	Approved	2/7/2011 - 11/19/2015	1.7 - 7.8	1.8	2.6	Y
7	Approved	2/7/2011 - 11/19/2015	1.7 - 23.0	2.0	4.1	Y
8	Approved	2/7/2011 - 11/19/2015	1.7 - 7.8	1.9	2.8	Y
173	Approved	2/7/2011 - 11/19/2015	1.7 - 4.5	1.8	2.3	Y

The above table shows bacteriological results in relation to NSSP criteria. NSSP standards for approved shellfish growing waters are a fecal coliform geometric mean not greater than 14 organisms/100 mL and an estimated 90th percentile not greater than 43 organisms/100mL.

Oak Bay



Map created with TOPOIC © 2006 National Geographic, © 2007 Tele Atlas, Rel. 1/2007



TN MN
16°
11/17/15