

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

Annual Growing Area Review

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AREA: Stretch Island
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved

Activities In The Growing Area in 2015

The Approved stations in the Stretch Island shellfish growing area were sampled six times in 2015 using the Systematic Random Sampling method. The Department classified approximately 85 acres along the eastern shoreline of Stretch Island as Approved in February 2015.

Analytical Results Of Water Samples

Table 1 summarizes the 30 most recent samples collected from each of the sampling stations, except for stations 816, 823 and 824 which were added in 2012/2013. All stations pass the NSSP water quality standards.

Change In Actual Pollution Sources That Impact The Growing Area

We currently have no information indicating that the 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

The area is correctly classified.

Table 1

**Summary of Marine Water Data (SRS)
Growing Area: Stretch Island**

Sampling Event Type: Regulatory
Sample Dates: 12/16/2010 - 12/01/2015

Tides Included: ALL

Station Number	Classification	Total Samples	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
30	Approved	30	2/23/2011 - 12/1/2015	1.7 - 7.8	1.9	2.8	Y
31	Approved	30	2/23/2011 - 12/1/2015	1.7 - 13.0	2.3	4.5	Y
32	Approved	30	12/16/2010 - 12/1/2015	1.7 - 14.0	2.3	4.7	Y
33	Approved	30	4/11/2011 - 12/1/2015	1.7 - 17.0	2.2	5.0	Y
671	Approved	30	2/23/2011 - 12/1/2015	1.7 - 7.8	2.0	3.3	Y
672	Approved	19	2/23/2011 - 12/1/2015	1.7 - 4.5	1.9	2.6	Y
816	Approved	30	10/29/2012 - 12/1/2015	1.7 - 11.0	2.3	4.8	*N/A
823	Unclassified	16	8/12/2013 - 12/1/2015	1.7 - 17.0	3.3	9.6	*N/A
824	Unclassified	16	8/12/2013 - 12/1/2015	1.7 - 130.0	4.6	25.2	*N/A

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.

Map 1

Stretch Island



Map created with TOPOIC ©2008 National Geographic; ©2007 Tele Atlas, Rel. 1/2007

