

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

Annual Growing Area Review

PREPARED BY: Eric Schlorff
AREA: Henderson Bay
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved, Unclassified and Prohibited

Activities In The Growing Area in 2015

The majority of the growing area was sampled 6 times while the Minter Bay portion was sampled 12 times in accordance with the NSSP Systematic Random Sampling method. The Tacoma-Pierce County Health Department and the Pierce County Surface Water Management has a Pollution Identification and Correction grant to work on enhanced operations and management for on-site septic systems in the Minter Bay and Purdy Spit area.

Analytical Results Of Water Samples

Table 1 shows a summary of the most recent 30 samples collected from each of the sampling stations in the growing area. All stations meet NSSP standards for their respective classification. Stations 850 and 852 do not have enough samples to be properly evaluated for the estimated 90th percentile criterion.

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 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: Henderson 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
298	Approved	6/27/2013 - 12/3/2015	1.7 - 33.0	2.2	4.9	Y
299	Approved	7/15/2013 - 12/3/2015	1.7 - 46.0	2.6	7.8	Y
300	Approved	1/13/2011 - 12/3/2015	1.7 - 17.0	2.4	5.3	Y
301	Approved	1/13/2011 - 12/3/2015	1.7 - 13.0	2.2	4.9	Y
302	Approved	1/13/2011 - 12/3/2015	1.7 - 7.8	2.0	3.2	Y
305	Approved	3/10/2011 - 12/3/2015	1.7 - 33.0	3.5	10.9	Y
306	Approved	6/27/2013 - 12/3/2015	1.7 - 17.0	3.9	9.7	Y
307	Approved	7/15/2013 - 12/3/2015	1.7 - 49.0	4.8	18.2	Y
308	Approved	7/15/2013 - 12/3/2015	1.7 - 49.0	4.5	18.5	Y
309	Approved	12/1/2010 - 12/3/2015	1.7 - 7.8	1.8	2.6	Y
310	Approved	1/13/2011 - 12/3/2015	1.7 - 2.0	1.7	1.9	Y
311	Approved	7/15/2013 - 12/3/2015	1.7 - 46.0	3.7	13.9	Y
312	Approved	7/15/2013 - 12/3/2015	1.7 - 79.0	4.6	18.3	Y
601	Approved	1/13/2011 - 12/3/2015	1.7 - 4.5	2.0	3.0	Y
636	Approved	1/13/2011 - 12/3/2015	1.7 - 7.8	2.0	3.1	Y
653	Approved	1/13/2011 - 12/3/2015	1.7 - 350.0	2.9	13.0	Y
678	Approved	1/13/2011 - 12/3/2015	1.7 - 33.0	2.1	4.4	Y
710	Approved	1/13/2011 - 12/3/2015	1.7 - 46.0	2.5	7.4	Y
752	Approved	6/27/2013 - 12/3/2015	1.7 - 33.0	3.0	8.7	Y
850	Prohibited	7/30/2014 - 12/3/2015	1.7 - 49.0	9.3	46.6	*N/A
297	Unclassified	2/21/2013 - 12/3/2015	1.7 - 17.0	2.1	4.0	Y
708	Unclassified	7/15/2013 - 12/3/2015	1.7 - 17.0	2.9	7.4	Y
748	Unclassified	7/15/2013 - 12/3/2015	1.7 - 6.1	2.1	3.5	Y
852	Unclassified	12/2/2014 - 12/3/2015	1.7 - 49.0	4.3	18.3	*N/A

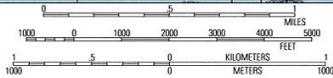
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms / 100 mL with an estimated 90th percentile not greater than 43 organisms / 100 mL. The above table shows bacteriological results in relation to program standards.

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

HENDERSON BAY NO.



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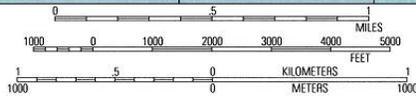


TN MN
16°
02/10/15

HENDERSON BAY SO.



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