

# **SHORELINE INVENTORY AND ANALYSIS REPORT**

## **ADDENDUM**

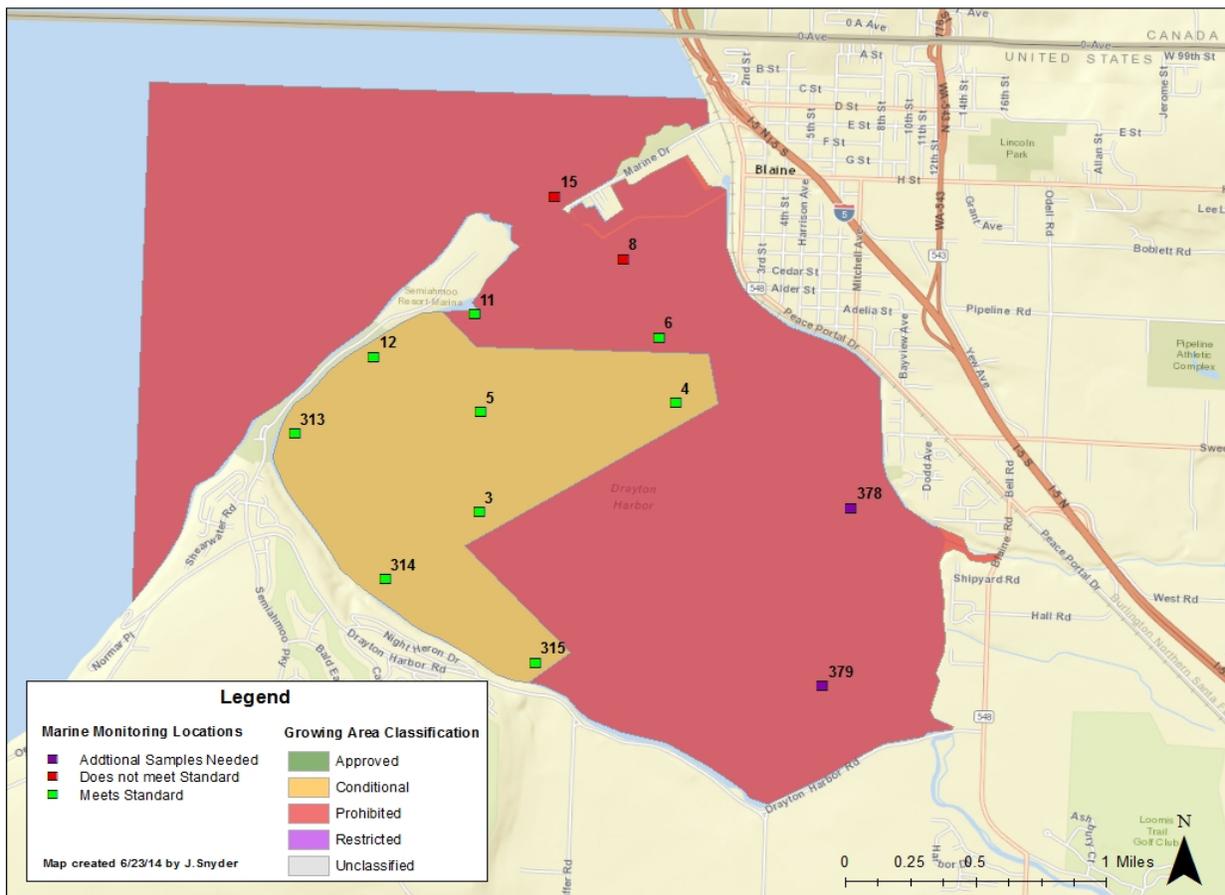
**DECEMBER 2014**

## Blaine Area Shellfish Harvesting

The City of Blaine includes areas that are conditionally open to shellfish harvest and other areas that are prohibited (closed) to shellfish harvest. Areas that are closed are such due to water quality and for regulatory reasons. Regulatory closures are in place due to wastewater outfall and marina development. Water quality issues include urban runoff from the City and surrounding development, agricultural runoff from the California Creek and Dakota Creek watersheds, and rural runoff including septic outflow in the California Creek and Dakota Creek watersheds. Studies have also shown that Cain Creek is a source of contamination and that tidal flushing brings some of that runoff into the Harbor.

Washington Department of Fish and Wildlife and County Department of Health have been working together in 2014 and have proposed a new recreational harvest season to the State Fish and Wildlife Commission. If approved, there will be a recreational opening (Probably April 1 – October 31) in the conditionally approved area of the bay. These tidelands are primarily owned by the City of Blaine and are publicly accessible.

### Drayton Harbor Shellfish Growing Area Classification and Marine Water Monitoring Locations



## Blaine Area Aquaculture

The City of Blaine includes one aquaculture facility. The Drayton Harbor Oyster Company grows oysters in Drayton Harbor.

## September 17, 2014 Drayton Harbor Last 30 Samples

Station Number	Classification	Date Range	Range	GeoMean	Est. 90th	Meets Standard
3	Conditionally Approved	2/7/2012 - 7/17/2014	1.7 - 130.0	3.7	18.0	Y
4	Conditionally Approved	1/12/2012 - 6/5/2014	1.7 - 220.0	4.8	22.8	Y
5	Conditionally Approved	2/7/2012 - 7/17/2014	1.7 - 170.0	4.9	23.4	Y
12	Conditionally Approved	2/7/2012 - 7/17/2014	1.7 - 350.0	3.9	25.4	Y
313	Conditionally Approved	1/21/2012 - 7/17/2014	1.7 - 240.0	4.6	30.4	Y
314	Conditionally Approved	2/7/2012 - 7/17/2014	1.7 - 350.0	4.1	23.1	Y
315	Conditionally Approved	2/7/2012 - 7/17/2014	1.7 - 130.0	4.2	19.6	Y
6	Prohibited	1/12/2012 - 6/5/2014	1.7 - 240.0	7.5	38.8	Y
8	Prohibited	1/12/2012 - 6/5/2014	1.7 - 540.0	9.6	64.4	N
11	Prohibited	2/7/2012 - 7/17/2014	1.7 - 110.0	3.9	17.1	Y
15	Prohibited	2/7/2012 - 7/17/2014	1.7 - 920.0	14.6	127.8	N
378	Prohibited	3/8/2012 - 6/5/2014	1.7 - 350.0	7.7	51.3	*N/A
379	Prohibited	3/8/2012 - 7/17/2014	1.7 - 130.0	5.8	25.4	*N/A

\*SRS criteria require a minimum of 30 samples from each station.\*

Geomean Standard: 14 FC/100mL

Estimated 90<sup>th</sup> Percentile Standard: 43 FC/10mL

## Drayton Harbor Closed Data (Nov – Jan)

Collected from November 1, 2010 through January 31, 2014

Station Number	Classification	# Samples	Range	Geo-Mean	Est. 90th	Meets Standard
3	Conditionally Approved	14	2.0 - 170.0	16.4	99.2	*N/A
4	Conditionally Approved	14	1.7 - 540.0	17.0	101.1	*N/A
5	Conditionally Approved	14	4.0 - 350.0	18.0	75.2	*N/A
12	Conditionally Approved	14	2.0 - 240.0	23.9	161.5	*N/A
313	Conditionally Approved	14	1.8 - 240.0	17.1	136.7	*N/A
314	Conditionally Approved	14	2.0 - 350.0	17.1	145.5	*N/A
315	Conditionally Approved	14	2.0 - 130.0	20.1	99.3	*N/A
6	Prohibited	14	4.5 - 350.0	28.2	105.2	*N/A
8	Prohibited	14	4.5 - 920.0	31.6	183.3	*N/A
11	Prohibited	14	4.5 - 540.0	20.9	109.3	*N/A
15	Prohibited	14	2.0 - 540.0	26.6	222.1	*N/A
378	Prohibited	5	4.5 - 49.0	10.7	37.7	*N/A
379	Prohibited	5	11.0 - 33.0	21.0	41.0	*N/A

\*SRS criteria require a minimum of 30 samples from each station.\*

Geomean Standard: 14 FC/100mL

Estimated 90<sup>th</sup> Percentile Standard: 43 FC/10mL

### Drayton Harbor Open Data (Feb-Oct)

Station Number	Classification	Date Range	Range	Geo-Mean	Est. 90th	Meets Standard
3	Conditionally Approved	5/10/2011 - 7/17/2014	1.7 - 130.0	2.7	9.3	Y
4	Conditionally Approved	4/13/2011 - 6/5/2014	1.7 - 220.0	3.4	13.1	Y
5	Conditionally Approved	5/10/2011 - 7/17/2014	1.7 - 170.0	3.2	12.7	Y
12	Conditionally Approved	5/10/2011 - 7/17/2014	1.7 - 350.0	2.4	9.4	Y
313	Conditionally Approved	4/13/2011 - 7/17/2014	1.7 - 240.0	2.9	12.2	Y
314	Conditionally Approved	5/10/2011 - 7/17/2014	1.7 - 79.0	3.0	11.4	Y
315	Conditionally Approved	5/10/2011 - 7/17/2014	1.7 - 130.0	3.1	11.1	Y
6	Prohibited	4/13/2011 - 6/5/2014	1.7 - 240.0	4.4	19.2	Y
8	Prohibited	4/13/2011 - 6/5/2014	1.7 - 540.0	6.3	32.0	Y
11	Prohibited	5/10/2011 - 7/17/2014	1.7 - 110.0	2.8	9.2	Y
15	Prohibited	5/10/2011 - 7/17/2014	1.7 - 920.0	15.3	139.5	N
378	Prohibited	3/8/2012 - 6/5/2014	1.7 - 350.0	7.1	54.4	*N/A
379	Prohibited	3/8/2012 - 7/17/2014	1.7 - 130.0	4.2	16.3	*N/A

\*SRS criteria require a minimum of 90 samples from each station.\*

Geomean Standard: 14 FC/100mL

Estimated 90<sup>th</sup> Percentile Standard: 43 FC/10mL