

# Dabob Bay

## Annual Shellfish Growing Area Review



Prepared By: Liz Maier

Area: Dabob Bay

Year Ending: December 31, 2019

Classification: Approved

### Activities in the Growing Area in 2019

Samples were collected six times from Stations 294, 295, 296, and 297 in Tarboo Bay and seven times from the rest of the stations in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria.

Jefferson County Environmental Health received EPA National Estuary Program funds for on-site septic system repair, replacement, and decommissioning/abatement in areas with the potential to affect the growing area.

### Analytical Results of Water Samples

Table 1 summarizes the results of the most recent 30 samples collected from each marine water station. This summary shows that all stations 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 downgrade in classification
- Fails to meet current classification standards

### Remarks and Recommendations

Table 1 shows that all stations meet the NSSP water quality standard for an Approved classification and the area is correctly classified.

**TABLE 1. Summary of Marine Water Data (SRS) Dabob Bay Growing Area**

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

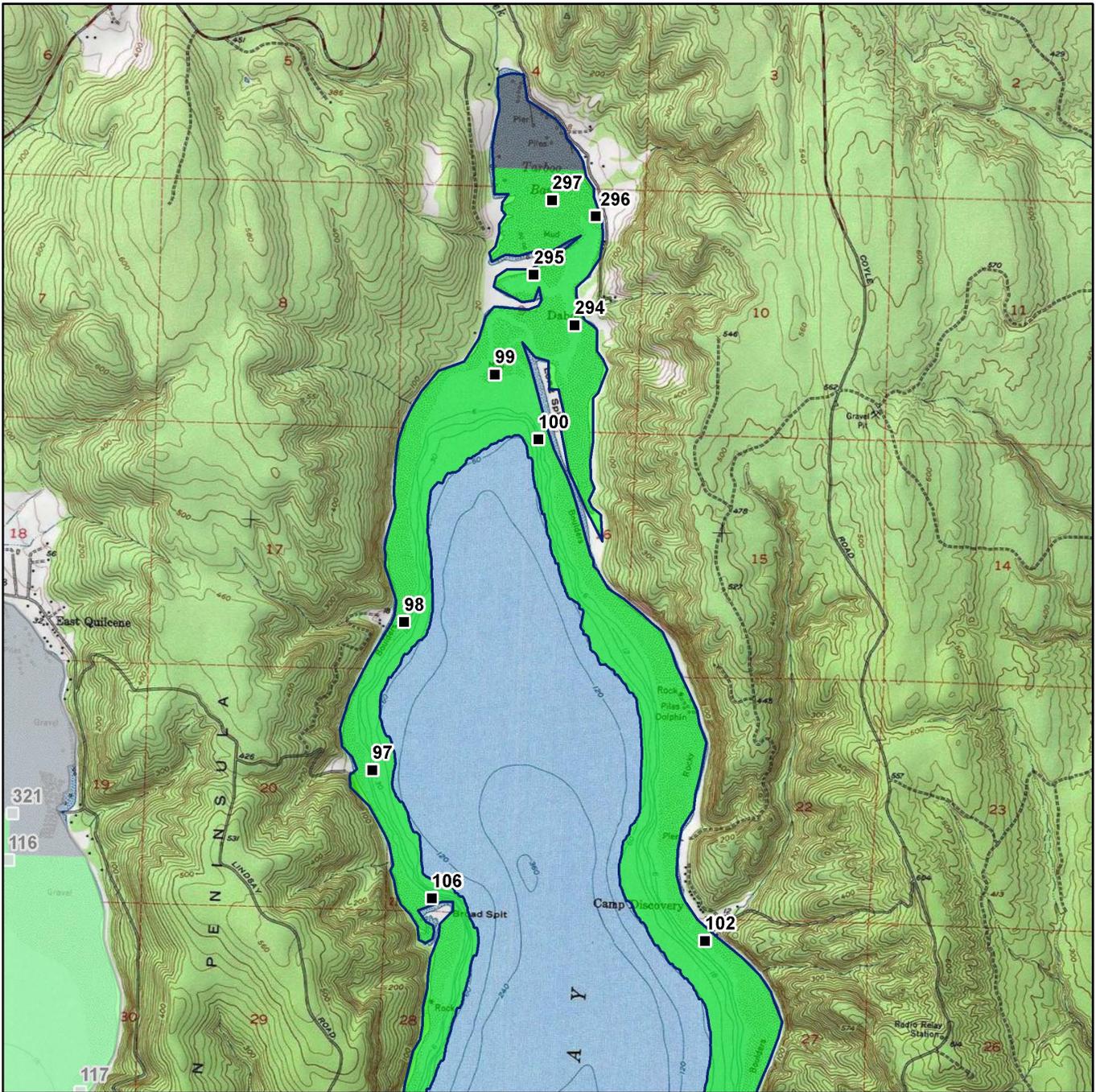
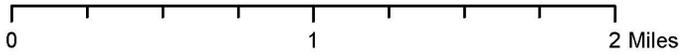
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
96	Approved	4/29/2015 - 12/2/2019	1.7 - 11.0	1.9	3.3	Y
97	Approved	4/29/2015 - 12/2/2019	1.7 - 23.0	2.0	3.9	Y
98	Approved	4/29/2015 - 12/2/2019	1.7 - 4.5	2.0	3.0	Y
99	Approved	2/24/2015 - 12/2/2019	1.7 - 17.0	2.9	7.4	Y
100	Approved	4/29/2015 - 12/2/2019	1.7 - 33.0	2.2	5.3	Y
102	Approved	4/29/2015 - 12/2/2019	1.7 - 7.8	1.9	3.1	Y
105	Approved	2/24/2015 - 12/2/2019	1.7 - 6.8	1.8	2.5	Y
106	Approved	4/29/2015 - 12/2/2019	1.7 - 7.8	1.9	2.8	Y
107	Approved	4/29/2015 - 12/2/2019	1.7 - 13.0	2.0	3.7	Y
109	Approved	4/29/2015 - 12/2/2019	1.7 - 4.5	1.8	2.4	Y
110	Approved	4/29/2015 - 12/2/2019	1.7 - 7.8	1.9	2.8	Y
111	Approved	4/29/2015 - 12/2/2019	1.7 - 11.0	1.9	3.0	Y
112	Approved	4/29/2015 - 12/2/2019	1.7 - 7.8	1.9	2.8	Y
113	Approved	4/29/2015 - 12/2/2019	1.7 - 13.0	2.0	4.1	Y
294	Approved	2/11/2015 - 12/4/2019	1.7 - 33.0	3.5	10.0	Y
295	Approved	2/11/2015 - 12/4/2019	1.7 - 23.0	3.6	10.4	Y
296	Approved	2/11/2015 - 12/4/2019	1.7 - 130.0	3.2	12.7	Y
297	Approved	2/11/2015 - 12/4/2019	1.7 - 130.0	4.1	18.7	Y

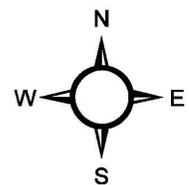
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Dabob Bay Growing Area 1 of 3

Dabob Bay (1 of 3)



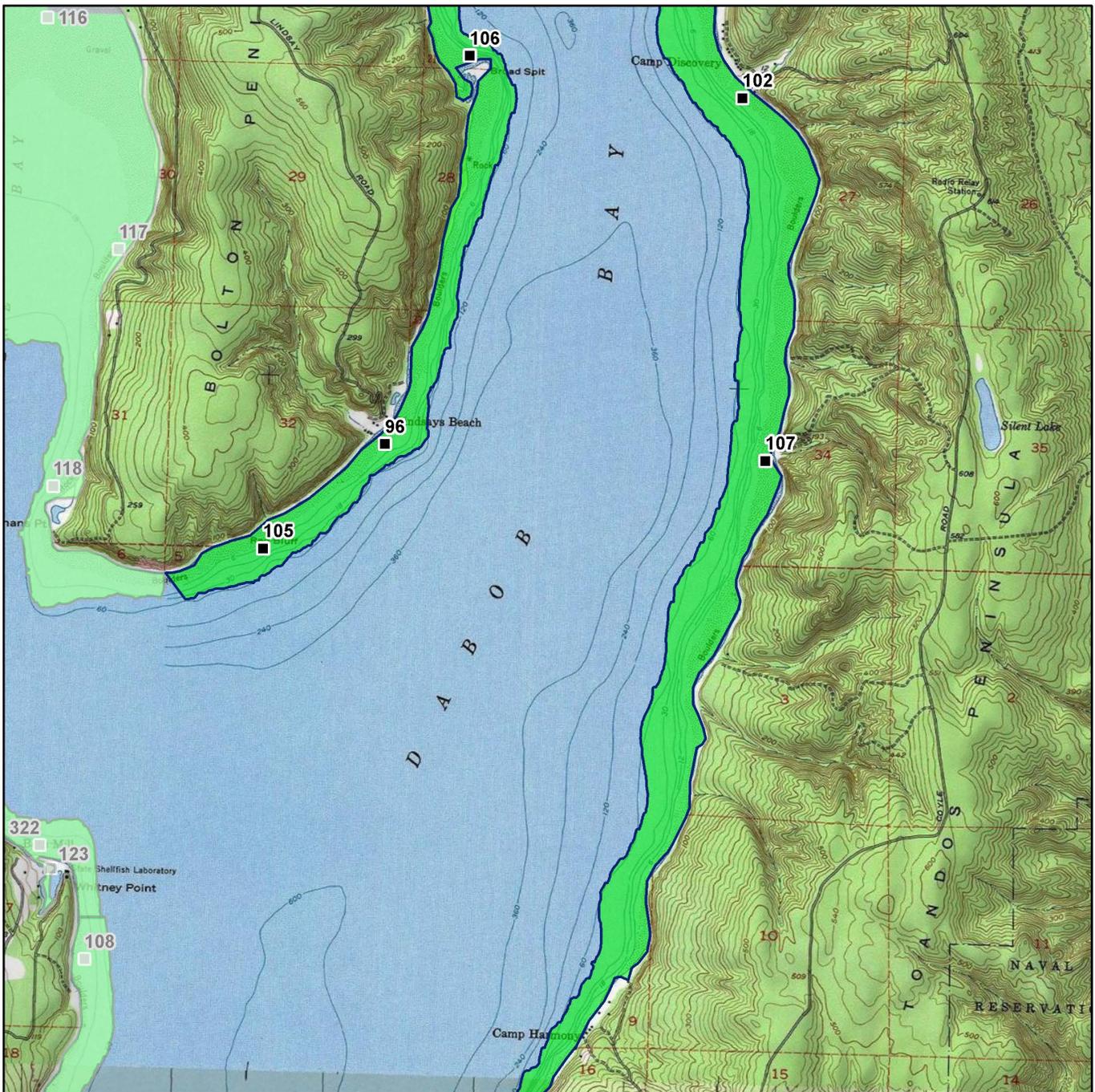
Classification	Sampling Stations
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<span style="display:inline-block; width:15px; height:15px; background-color: #FFA500; border: 1px solid black;"></span> Conditional	
<span style="display:inline-block; width:15px; height:15px; background-color: #FF0000; border: 1px solid black;"></span> Prohibited	
<span style="display:inline-block; width:15px; height:15px; background-color: #0000FF; border: 1px solid black;"></span> Restricted	
<span style="display:inline-block; width:15px; height:15px; background-color: #808080; border: 1px solid black;"></span> Unclassified	



\* Some sampling stations are highlighted with grey box for ease of reading.

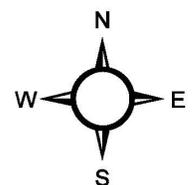
MAP 2. Dabob Bay Growing Area 2 of 3

Dabob Bay (2 of 3)



- Classification**
- Approved
  - Conditional
  - Prohibited
  - Restricted
  - Unclassified

- Sampling Stations**
- 



\* Some sampling stations are highlighted with grey box for ease of reading.

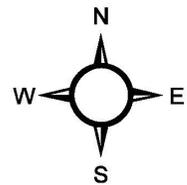
MAP 3. Dabob Bay Growing Area 3 of 3

Dabob Bay (3 of 3)



- Classification**
- Approved
  - Conditional
  - Prohibited
  - Restricted
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- Sampling Stations**
- 



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