

Upright Channel

Annual Shellfish Growing Area Review



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Area: Upright Channel

Year Ending: December 31, 2021

Classification: Approved

Activities in the Growing Area in 2021

The growing area was sampled a minimum of six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. The San Juan Conservation District received EPA National Estuary Program (NEP) funds to implement livestock best management practices and through the Washington State Conservation Commission to provide technical assistance and education and outreach to landowners to promote the implementation of livestock best management practices.

Analytical Results of Water Samples

Table 1 summarizes the results of the last 30 samples collected from the area. This summary shows that all stations pass the NSSP water quality standard, however Station 92 is in Concerned status.

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) for the Upright Channel 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 th Percentile (FC/100mL)	Meets Standard
36	Approved	1/11/2017 - 11/17/2021	1.7 - 13.0	2.0	3.8	Y
37	Approved	1/11/2017 - 11/17/2021	1.7 - 49.0	1.9	4.2	Y
38	Approved	1/11/2017 - 11/17/2021	1.7 - 2.0	1.8	1.9	Y
39	Approved	1/11/2017 - 11/17/2021	1.7 - 17.0	1.8	3.2	Y
40	Approved	3/15/2017 - 11/17/2021	1.7 - 2.0	1.7	1.8	Y
41	Approved	1/11/2017 - 11/17/2021	1.7 - 17.0	1.9	3.2	Y
42	Approved	1/11/2017 - 11/17/2021	1.7 - 1.7	1.7	1.7	Y
92	Approved	12/7/2016 - 11/17/2021	1.7 - 540.0	4.8	28.4	Y
94	Approved	1/11/2017 - 11/17/2021	1.7 - 23.0	1.9	3.4	Y
95	Approved	1/11/2017 - 11/17/2021	1.7 - 2.0	1.7	1.8	Y
93	Unclassified	1/11/2017 - 11/17/2021	1.7 - 2500.0	2.3	12.5	Y
100	Unclassified	1/11/2017 - 11/17/2021	1.7 - 4.5	1.8	2.3	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.

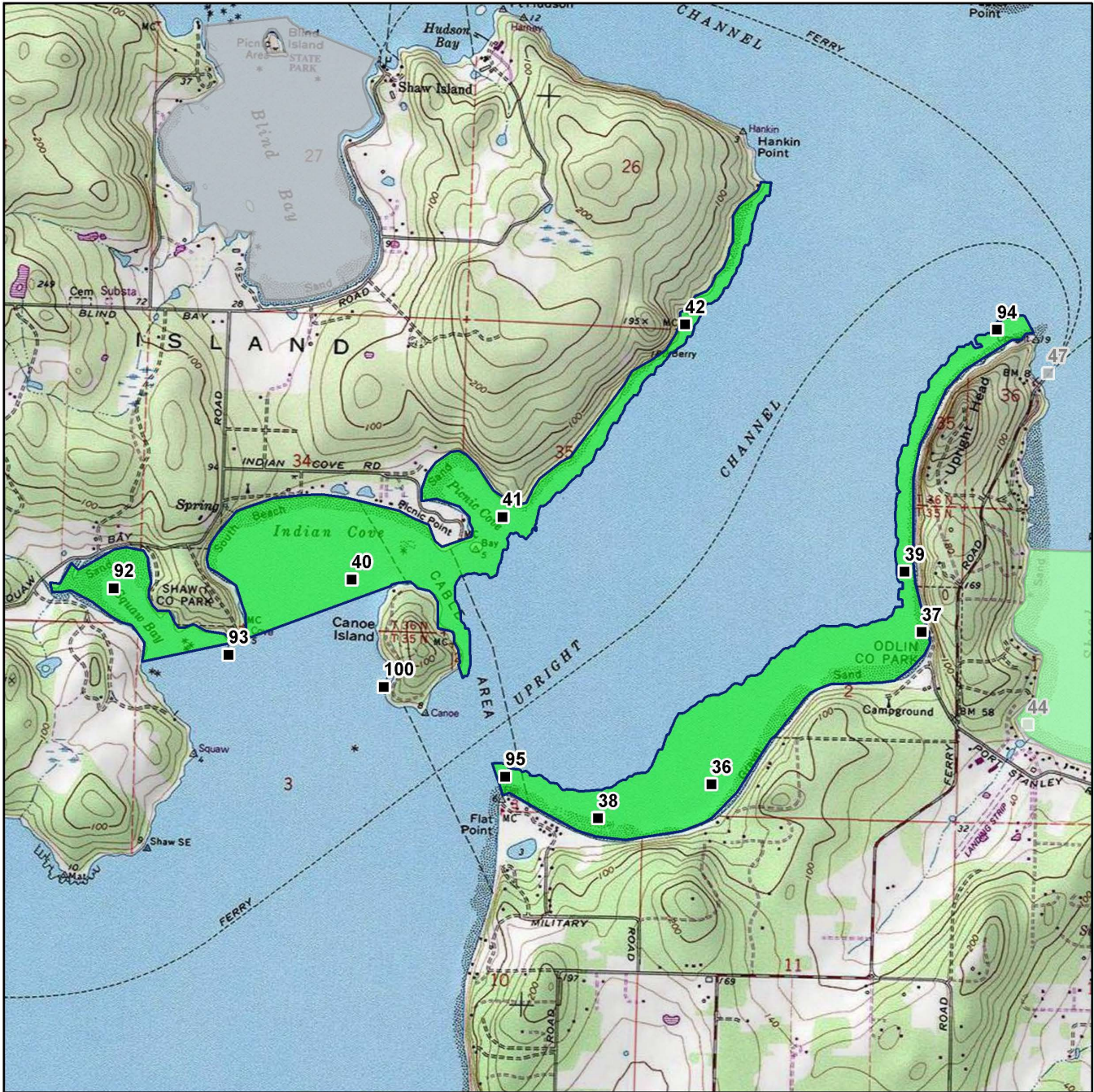
MAP 1. Upright Channel Growing Area

 Upright Channel

Washington State Department of Health

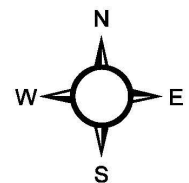
Date Updated: 7/11/2018

0 0.75 1.5 Miles



Classification Sampling Stations

-  Approved
-  Conditional
-  Prohibited
-  Restricted
-  Unclassified



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