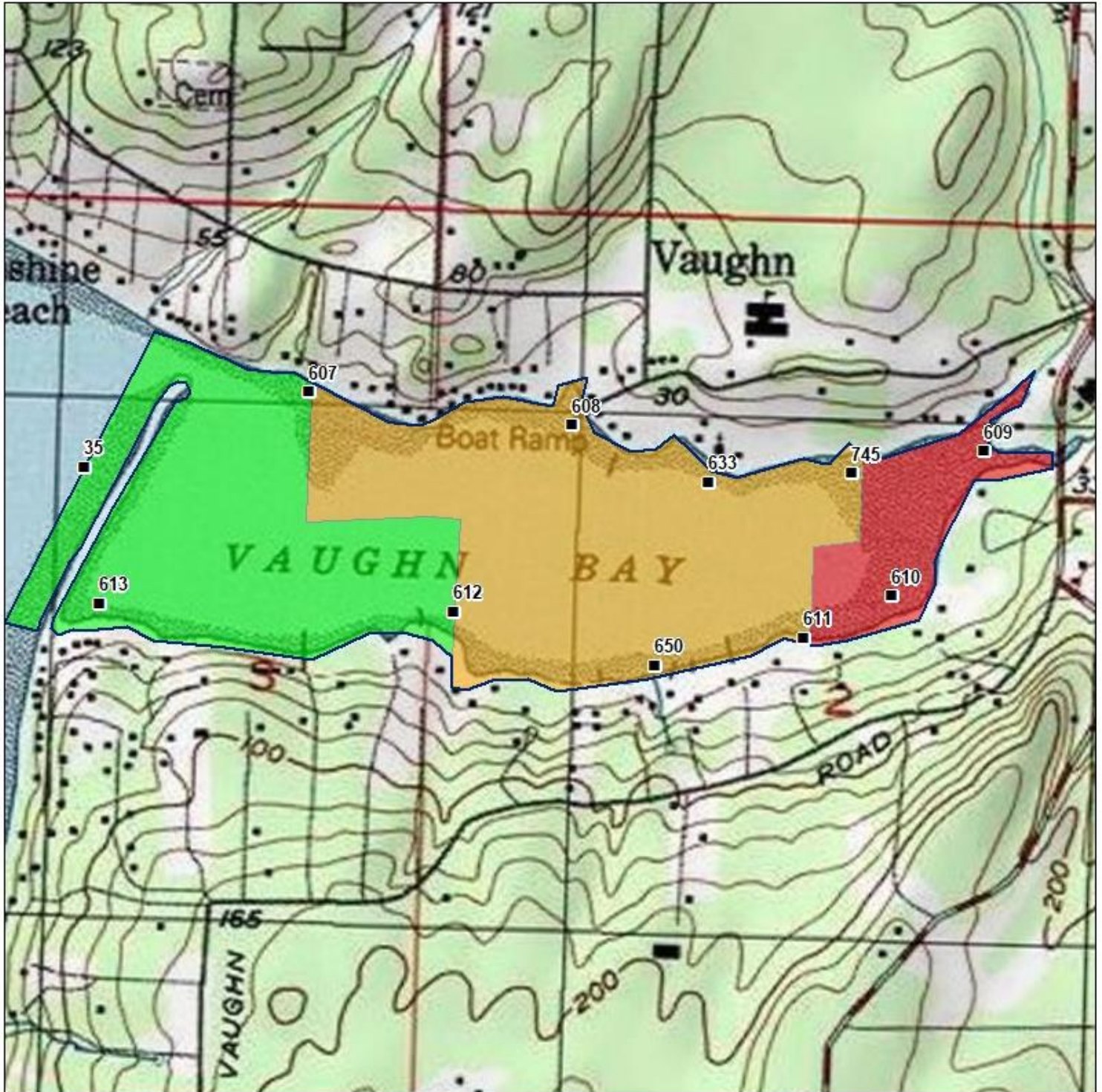
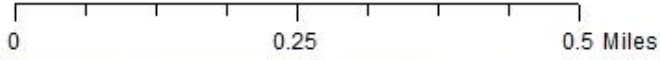


Vaughn Bay



Classification Sampling Stations

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



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

Vaughn Bay Summary Marine Water Quality Data (30 Samples)

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	Est 90 th Percentile (FC/100 mL)	Meets Standard
35	Approved	7/18/2019 - 12/20/2021	1.7 - 13.0	2.5	6.0	Yes
607	Approved	7/18/2019 - 12/20/2021	1.7 - 7.8	2.4	5.0	Yes
612	Approved	7/18/2019 - 12/20/2021	1.7 - 240.0	3.1	13.1	Yes
613	Approved	7/18/2019 - 12/20/2021	1.7 - 540.0	5.3	45.6	No
608	Conditionally Approved	7/18/2019 - 12/20/2021	1.7 - 350.0	5.4	37.1	Yes
611	Conditionally Approved	7/18/2019 - 12/20/2021	1.7 - 1600.0	4.3	29.4	Yes
633	Conditionally Approved	7/18/2019 - 12/20/2021	1.7 - 130.0	3.4	13.0	Yes
650	Conditionally Approved	7/18/2019 - 12/20/2021	1.7 - 540.0	6.0	49.5	No
745	Conditionally Approved	7/18/2019 - 12/20/2021	1.7 - 79.0	5.7	25.0	Yes
609	Prohibited	7/18/2019 - 12/20/2021	1.7 - 350.0	11.3	140.9	No
610	Prohibited	7/18/2019 - 12/20/2021	1.7 - 240.0	7.0	50.2	No

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.

Last 30 samples includes 2 sampling events where there was 1" or greater recorded in 24 hours 0-4 days prior to sampling

Summary of Marine Water Data (30 Samples) collected after < 1 – inch Rainfall in 24 hours

Includes data for rainfall amounts: 0.00 - 0.99" on days 0 – 4 previous to the sampling event.

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	Est 90 th Percentile (FC/100 mL)	Meets Standard
608	Conditionally Approved	5/8/2019 - 12/20/2021	1.7 - 350.0	4.9	33.1	Yes
611	Conditionally Approved	5/8/2019 - 12/20/2021	1.7 - 1600.0	3.7	22.7	Yes
633	Conditionally Approved	5/8/2019 - 12/20/2021	1.7 - 23.0	3.1	8.4	Yes
650	Conditionally Approved	5/8/2019 - 12/20/2021	1.7 - 540.0	5.2	43.4	No
745	Conditionally Approved	5/8/2019 - 12/20/2021	1.7 - 79.0	5.0	21.6	Yes
609	Prohibited	5/8/2019 - 12/20/2021	1.7 - 350.0	9.1	95.2	No
610	Prohibited	5/8/2019 - 12/20/2021	1.7 - 240.0	5.5	35.2	Yes

Vaughn Bay
Change in Estimated 90th Percentile at each Station
from Annual Report Period to Current Period

Station Number	Classification	2020 ANNUAL REPORT Est 90th Percentile	2021 ANNUAL REPORT Est 90th Percentile	Change in Est 90th Percentile	>1 Decrease or Increase
35	Approved	3.5	6.0	+2.5	Increase
607	Approved	4.1	5.0	+0.9	
612	Approved	11.9	13.1	+1.2	Increase
613	Approved	19.1	45.6	+26.5	Increase
608	Conditionally Approved	41.1	37.1	-4.0	Decrease
611	Conditionally Approved	35.1	29.4	-5.7	Decrease
633	Conditionally Approved	13.3	13.0	-0.3	
650	Conditionally Approved	30.5	49.5	+19.0	Increase
745	Conditionally Approved	24.6	25.0	+0.4	
609	Prohibited	245.9	140.9	-105.0	Decrease
610	Prohibited	45.9	50.2	+4.3	Increase

*All values given in FC/100mL

Vaughn Bay Rolling Estimated 90th Percentiles

- Station 613 (A)
- Station 608 (CA)
- Station 611 (CA)
- Station 650 (CA)

