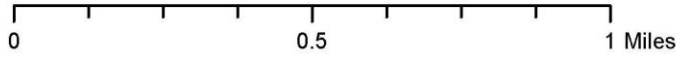


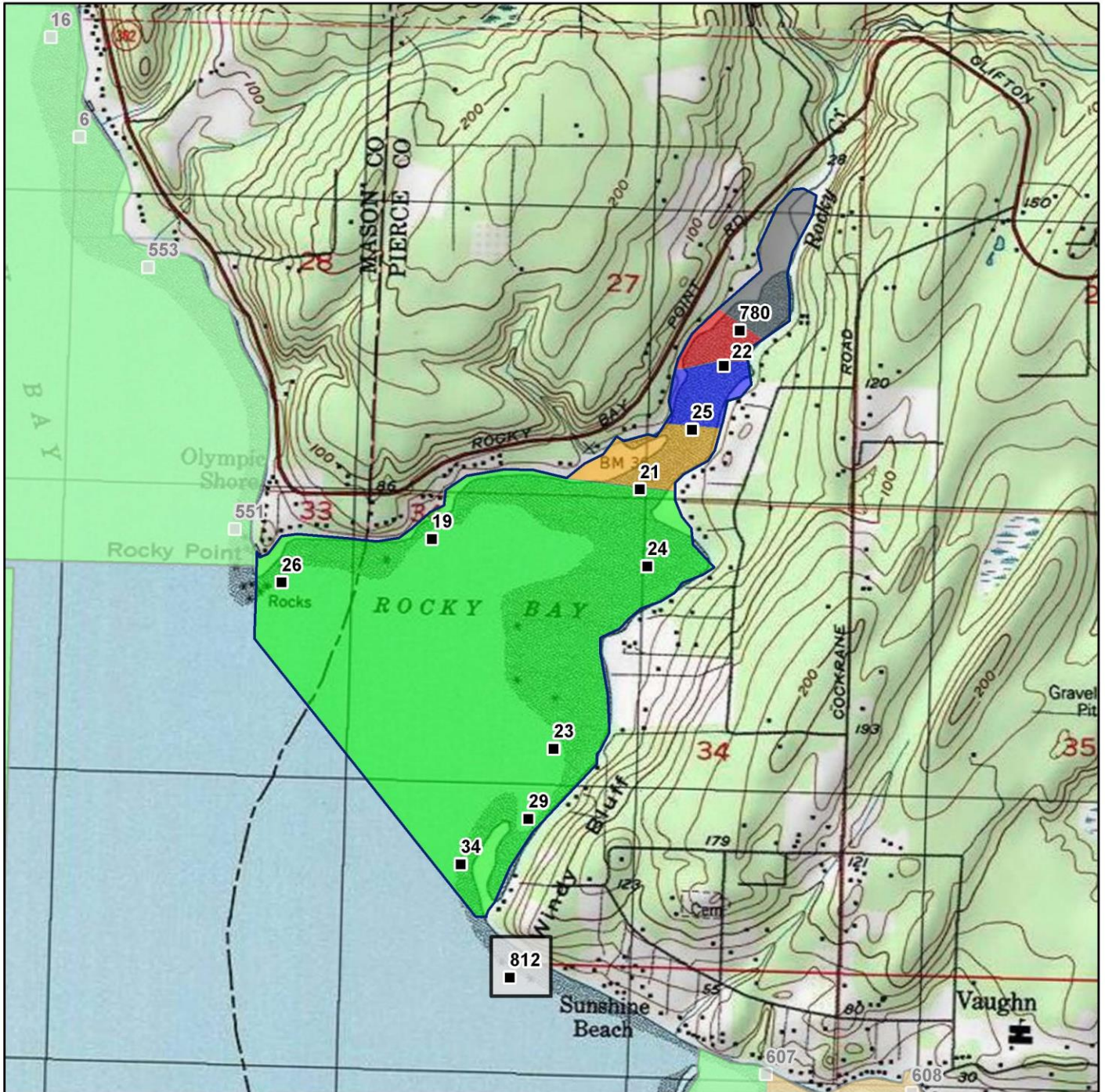
# Rocky Bay Water Quality Summary (January 2024)

 Rocky Bay



 Washington State Department of Health

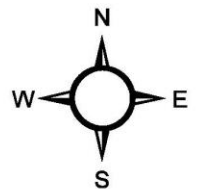
Date Updated: 7/11/2018



### Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

### Sampling Stations



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

## Rocky Bay Water Quality Summary (January 2024)

### Table 1: Summary of Marine Water Data (30 Samples)

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100mL)	Estimated 90th (FC/100mL)	Meets Standard
19	Approved	1/24/2019 - 11/1/2023	1.7 - 33.0	2.2	5.4	Yes
21	Approved	7/29/2021 - 12/13/2023	1.7 - 33.0	2.9	10.2	Yes
23	Approved	1/24/2019 - 11/1/2023	1.7 - 49.0	2.6	8.0	Yes
24	Approved	1/24/2019 - 11/1/2023	1.7 - 49.0	3.9	16.4	Yes
26	Approved	1/24/2019 - 11/1/2023	1.7 - 94.0	2.3	6.4	Yes
29	Approved	1/24/2019 - 11/1/2023	1.7 - 79.0	2.8	10.6	Yes
34	Approved	1/24/2019 - 11/1/2023	1.7 - 7.8	2.0	3.1	Yes
25	Conditionally Approved	7/29/2021 - 12/13/2023	1.7 - 17.0	2.8	7.7	Yes
780	Prohibited	7/29/2021 - 12/13/2023	1.7 - 49.0	5.9	24.2	Yes
22	Restricted	7/29/2021 - 12/13/2023	1.7 - 79.0	4.5	20.7	Yes
812	Unclassified	1/24/2019 - 11/1/2023	1.7 - 7.8	2.0	3.4	Yes

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 5 sampling events where there was 1" or greater recorded in 24 hours 0-5 days prior to sampling.

### Table 2: Summary of Marine Water Data (30 Samples) collected after < 1 – inch Rainfall in 24 hours (30 samples)

Includes data for rainfall amounts: 0.00 - 0.99" on days 0 – 5 days previous to the sampling event.

Station Number	Classification	Date Range	Range (FC/100mL)	GeoMean (FC/100mL)	Estimated 90th (FC/100mL)	Meets Standard*
25	Conditionally Approved	2/23/2021 - 11/1/2023	1.7 - 23.0	3.0	8.9	Yes
22	Restricted	2/23/2021 - 11/1/2023	1.7 - 79.0	4.7	21.8	Yes

## Rocky Bay Water Quality Summary (January 2024)

### Table 3: Change in Estimated 90<sup>th</sup> Percentiles at each Station Over Last Year to Current Period

Station Number	Classification	1 YEAR AGO Est 90th Percentile	2022 ANNUAL REPORT Est 90th Percentile	LAST 30 SAMPLES Est 90 <sup>th</sup> Percentile	Net Trend (>3 FC)
19	Approved	5.9	5.9	5.4	
21	Approved	15.6	15.6	10.2	Decrease
23	Approved	8.0	8.0	8.0	
24	Approved	14.3	14.3	16.4	
26	Approved	6.4	6.4	6.4	
29	Approved	10.6	10.6	10.6	
34	Approved	3.5	3.5	3.1	
25	Conditionally Approved	18.6	18.6	7.7	Decrease
780	Prohibited	39.8	39.8	24.2	Decrease
22	Restricted	30.6	30.6	20.7	Decrease
812	Unclassified	3.5	3.5	3.4	

\*All values given in FC/100mL

# Rocky Bay Water Quality Summary (January 2024)

