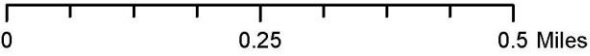
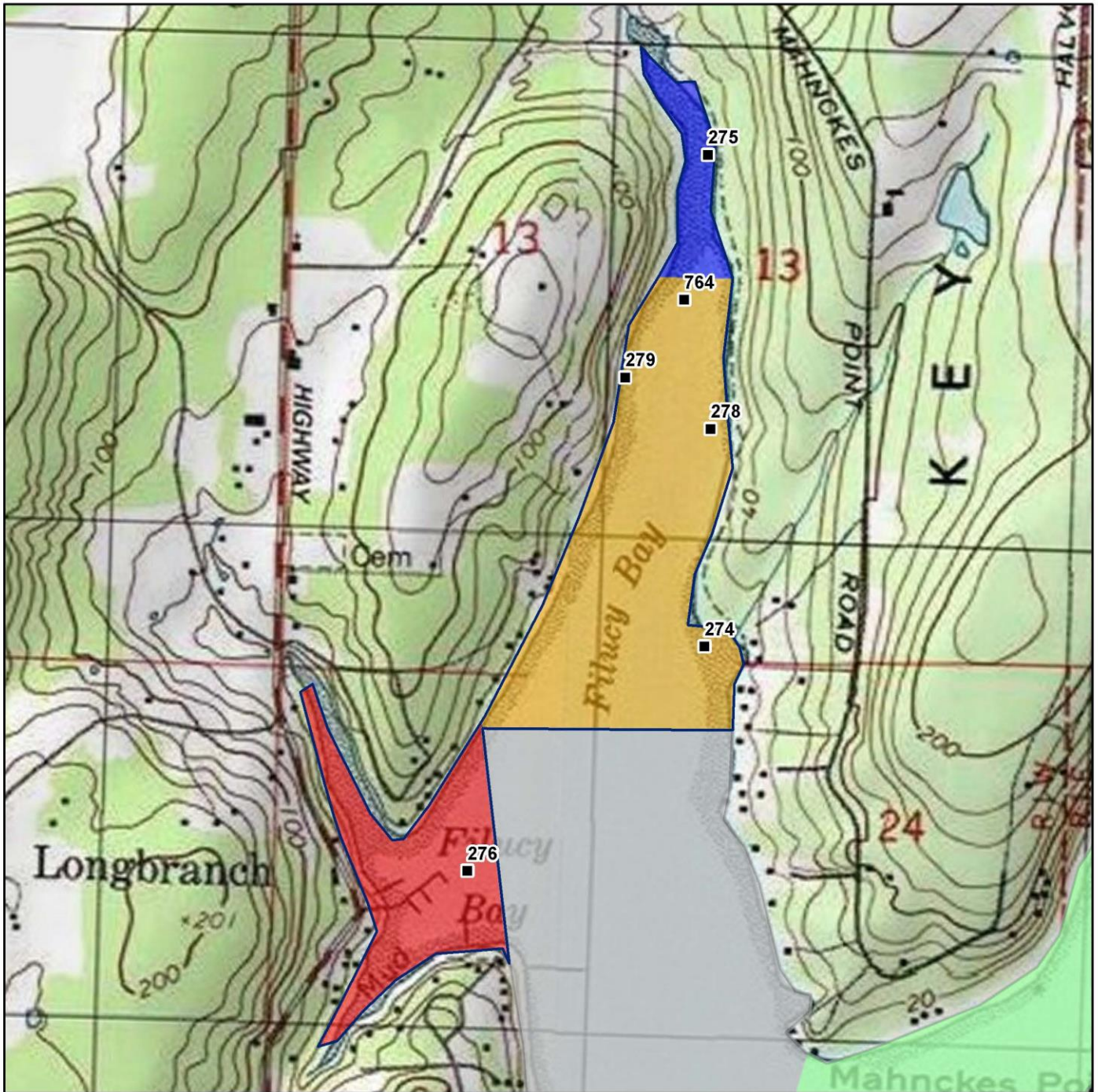


Fil Lucy Bay Water Quality Summary (May 2023)

Fil Lucy Bay



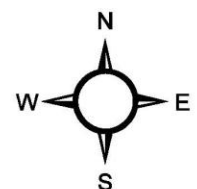
Date Updated: 7/11/2018



Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

Sampling Stations



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

Filucy Bay Water Quality Summary (May 2023)

Table 1: Summary of Marine Water Data (last 30 samples)

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	Est. 90 th Percentile (FC/100 mL)	Meets Standard
274	Conditionally Approved	9/28/2020 - 2/1/2023	1.7 - 240.0	2.9	12.3	Yes
278	Conditionally Approved	9/28/2020 - 2/1/2023	1.7 - 350.0	4.3	30.7	Yes
279	Conditionally Approved	9/28/2020 - 2/1/2023	1.7 - 240.0	3.9	24.2	Yes
764	Conditionally Approved	9/28/2020 - 2/1/2023	1.7 - 350.0	4.4	36.7	Yes
276	Prohibited	9/28/2020 - 2/1/2023	1.7 - 220.0	3.7	19.2	Yes
275	Restricted	9/28/2020 - 2/1/2023	1.7 - 920.0	8.7	97.5	No

~Dataset includes 4 sampling events with 1" or greater rainfall 0-4 days prior to sampling~

Table 2: Summary of Marine Water Data (30 Samples) Collected 0-4 Days After <1-inch Rainfall in 24 Hours

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	Est. 90 th Percentile (FC/100 mL)	Meets Standard
274	Conditionally Approved	6/11/2020 - 2/1/2023	1.7 - 240.0	2.6	9.0	Yes
278	Conditionally Approved	6/11/2020 - 2/1/2023	1.7 - 170.0	3.1	11.8	Yes
279	Conditionally Approved	6/11/2020 - 2/1/2023	1.7 - 130.0	3.3	13.1	Yes
764	Conditionally Approved	6/11/2020 - 2/1/2023	1.7 - 240.0	3.4	17.7	Yes
275	Restricted	6/11/2020 - 2/1/2023	1.7 - 920.0	7.2	55.8	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.

The standard for **Restricted shellfish growing classification is fecal coliform geometric mean not greater than 88 organisms / 100 mL with an estimated 90th percentile not greater than 260 organisms / 100 mL. The above table shows bacteriological results in relation to program standards **

Filucy Bay Water Quality Summary (May 2023)

Table 3: Change in Estimated 90th 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 th Percentile	Net Trend (>3 FC)
274	Conditionally Approved	17.6	12.4	12.3	Decrease
278	Conditionally Approved	44.0	32.0	30.7	Decrease
279	Conditionally Approved	42.9	26.6	24.2	Decrease
764	Conditionally Approved	68.3	38.2	36.7	Decrease
276	Prohibited	27.6	19.2	19.2	Decrease
275	Restricted	120.5	99.5	97.5	Decrease

*All values given in FC/100mL

Fil Lucy Bay Water Quality Summary (May 2023)

