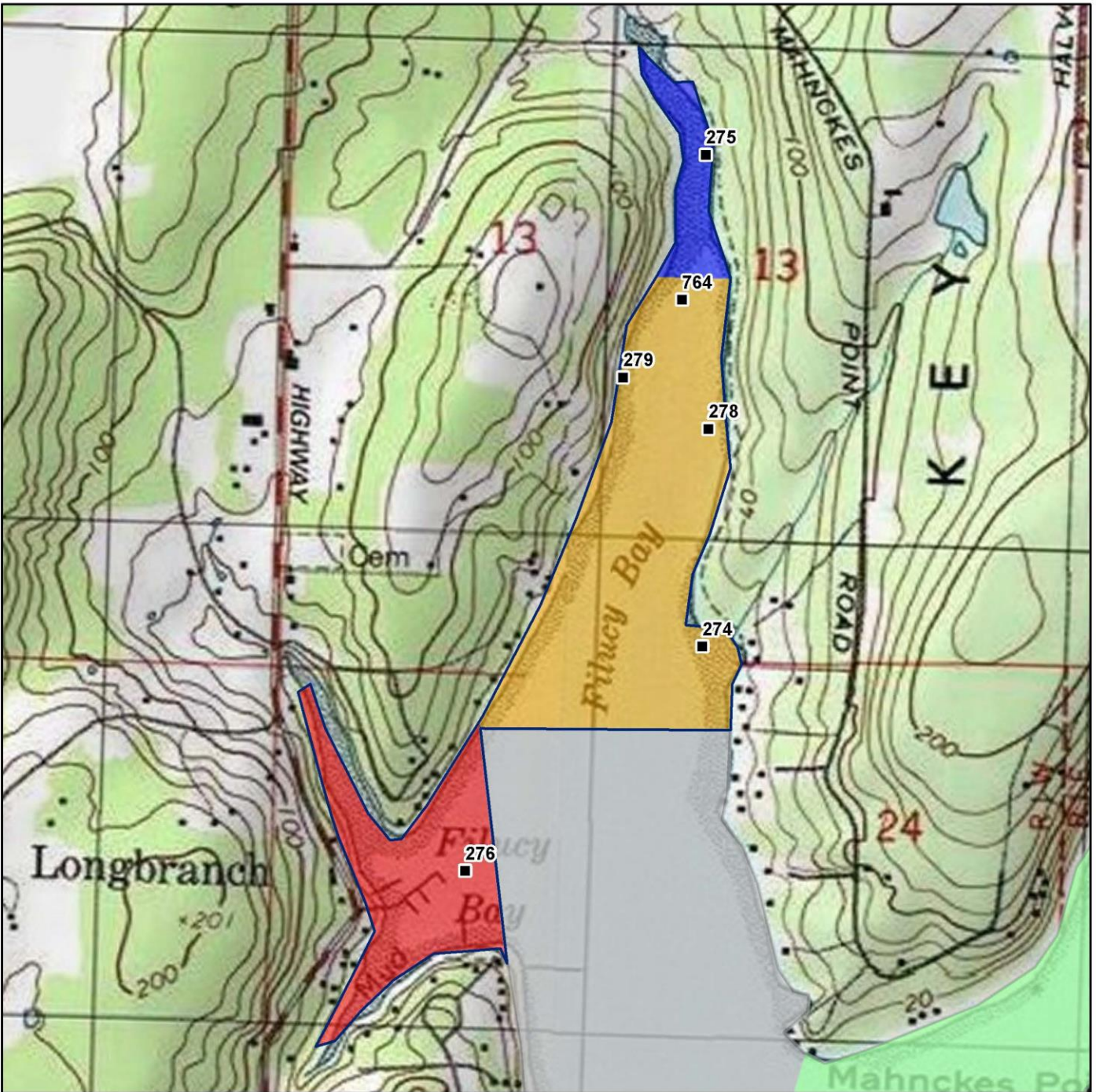
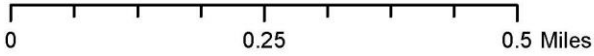


Fil Lucy Bay Water Quality Summary (January 2024)

Fil Lucy Bay



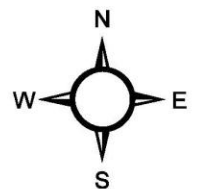
Date Updated: 7/11/2018



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 (January 2024)

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 | 7/7/2021 - 12/13/2023 | 1.7 - 240.0 | 2.7 | 9.7 | Yes |
| 278 | Conditionally Approved | 7/7/2021 - 12/13/2023 | 1.7 - 170.0 | 2.8 | 12.1 | Yes |
| 279 | Conditionally Approved | 7/7/2021 - 12/13/2023 | 1.7 - 130.0 | 3.5 | 14.5 | Yes |
| 764 | Conditionally Approved | 7/7/2021 - 12/13/2023 | 1.7 - 70.0 | 3.2 | 12.5 | Yes |
| 276 | Prohibited | 7/7/2021 - 12/13/2023 | 1.7 - 33.0 | 2.6 | 7.5 | Yes |
| 275 | Restricted | 7/7/2021 - 12/13/2023 | 1.7 - 920.0 | 6.8 | 44.6 | No |

~Dataset includes 3 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 | 4/6/2021 - 11/20/2023 | 1.7 - 240.0 | 2.6 | 9.0 | Yes |
| 278 | Conditionally Approved | 4/6/2021 - 11/20/2023 | 1.7 - 170.0 | 2.7 | 9.5 | Yes |
| 279 | Conditionally Approved | 4/6/2021 - 11/20/2023 | 1.7 - 130.0 | 3.3 | 14.2 | Yes |
| 764 | Conditionally Approved | 4/6/2021 - 11/20/2023 | 1.7 - 70.0 | 3.0 | 11.7 | Yes |
| 275 | Restricted | 4/6/2021 - 11/20/2023 | 1.7 - 920.0 | 7.1 | 47.3 | 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 (January 2024)

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 | 12.4 | 12.4 | 9.7 | Decrease |
| 278 | Conditionally Approved | 32.0 | 32.0 | 12.1 | Decrease |
| 279 | Conditionally Approved | 26.6 | 26.6 | 14.5 | Decrease |
| 764 | Conditionally Approved | 38.2 | 38.2 | 12.5 | Decrease |
| 276 | Prohibited | 19.2 | 19.2 | 7.5 | Decrease |
| 275 | Restricted | 99.5 | 99.5 | 44.6 | Decrease |

*All values given in FC/100mL

Fil Lucy Bay Water Quality Summary (January 2024)

