Activities in the Growing Area in 2018

The Padilla Bay Growing Area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Skagit County Public Health received National Estuary Program funds to complete pollution identification and correction work, perform a human and agricultural tracer and social marketing study, and to enhance their septic operations and maintenance program.

Analytical Results of Water Samples

Table 1 summarizes the results of a minimum of the last 30 samples collected from the area. This summary shows that all stations pass the NSSP water quality standard.

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 standards for an Approved classification and the area is correctly classified.
### TABLE 1

**Summary of Marine Water Data (SRS)**

**Growing Area: Padilla Bay**

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

<table>
<thead>
<tr>
<th>Station Number</th>
<th>Classification</th>
<th>Date Range</th>
<th>Range (FC/100 mL)</th>
<th>GeoMean (FC/100 mL)</th>
<th>E90th (FC/100 mL)</th>
<th>Meets Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>323</td>
<td>Approved</td>
<td>2/12/2015 - 11/13/2018</td>
<td>1.7 - 33.0</td>
<td>2.3</td>
<td>5.7</td>
<td>Yes</td>
</tr>
<tr>
<td>324</td>
<td>Approved</td>
<td>2/12/2015 - 11/13/2018</td>
<td>1.7 - 23.0</td>
<td>2.4</td>
<td>5.6</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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.