Annual Growing Area Review

PREPARED BY: Kelly Curtis
AREA: Mystery Bay
YEAR ENDING: December 31, 2018
CLASSIFICATION: Approved, Conditionally Approved

Activities in the Growing Area in 2018

The growing area was sampled five times overall, including three times in Open status, in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. The last sampling run of the year was cancelled due to extreme weather conditions and will be resampled in early 2019. The area was closed to harvest from May 1 through September 30 in accordance with the Conditionally Approved Area Management Plan.

Analytical Results of Water Samples

Table 1 summarizes a minimum of 30 of the most recent samples collected from each of the sampling stations. This summary shows that all stations in the area 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 appropriate NSSP water quality standards and the area is correctly classified.
Management Plan Evaluation:

1. Have all parties involved complied with the conditions of the management plan........Yes
2. Has reporting been adequate to manage the conditional area.................................................Yes
3. Does the area consistently meet approved area criteria when it is open for harvest.......Yes
4. Has a field inspection of critical pollution sources been conducted.................................Yes
TABLE 1

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>27</td>
<td>Approved</td>
<td>11/13/2013 - 10/18/2018</td>
<td>1.7 - 11.0</td>
<td>2.1</td>
<td>3.8</td>
<td>Y</td>
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<td>28</td>
<td>Approved</td>
<td>11/13/2013 - 10/18/2018</td>
<td>1.7 - 22.0</td>
<td>2.7</td>
<td>6.4</td>
<td>Y</td>
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<td>29</td>
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<td>11/13/2013 - 10/18/2018</td>
<td>1.7 - 7.8</td>
<td>2.3</td>
<td>4.5</td>
<td>Y</td>
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<tr>
<td>30</td>
<td>Approved</td>
<td>11/13/2013 - 10/18/2018</td>
<td>1.7 - 11.0</td>
<td>2.6</td>
<td>5.5</td>
<td>Y</td>
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<tr>
<td>31</td>
<td>Conditionally Approved</td>
<td>11/13/2013 - 10/18/2018</td>
<td>1.7 - 17.0</td>
<td>2.1</td>
<td>4.1</td>
<td>Y</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.