Shoal Bay
Annual Shellfish Growing Area Review

Prepared By: Casey Deligeannis
Area: Shoal Bay
Year Ending: December 31, 2019
Classification: Approved, Prohibited

Activities in the Growing Area in 2019
The growing area was sampled a minimum of six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. A portion of the growing area is used as a grow-out site for scallops relayed from the Alden Bank and Rosario Strait growing areas. The San Juan County Health Department continues to implement pollution identification and correction work in the region.

Analytical Results of Water Samples
Table 1 summarizes results of the 30 most recent samples collected from the area. All stations meet 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 standard for an Approved classification and the area is correctly classified.
**TABLE 1. Summary of Marine Water Data (SRS) Shoal Bay Growing Area**

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

<table>
<thead>
<tr>
<th>Station Number</th>
<th>Classification</th>
<th>Date Range</th>
<th>Range (FC/100mL)</th>
<th>Geomean (FC/100mL)</th>
<th>Est. 90th Percentile (FC/100mL)</th>
<th>Meets Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>Approved</td>
<td>1/14/2015 - 11/19/2019</td>
<td>1.7 - 110.0</td>
<td>2.6</td>
<td>8.2</td>
<td>Y</td>
</tr>
<tr>
<td>45</td>
<td>Approved</td>
<td>1/14/2015 - 11/19/2019</td>
<td>1.7 - 6.8</td>
<td>2.0</td>
<td>3.1</td>
<td>Y</td>
</tr>
<tr>
<td>46</td>
<td>Approved</td>
<td>1/14/2015 - 11/19/2019</td>
<td>1.7 - 4.5</td>
<td>1.8</td>
<td>2.3</td>
<td>Y</td>
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<tr>
<td>48</td>
<td>Approved</td>
<td>1/14/2015 - 11/19/2019</td>
<td>1.7 - 350.0</td>
<td>2.7</td>
<td>11.4</td>
<td>Y</td>
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<tr>
<td>43</td>
<td>Prohibited</td>
<td>1/14/2015 - 11/19/2019</td>
<td>1.7 - 33.0</td>
<td>2.6</td>
<td>6.7</td>
<td>Y</td>
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<tr>
<td>47</td>
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<td>2/26/2014 - 11/19/2019</td>
<td>1.7 - 4.5</td>
<td>1.8</td>
<td>2.2</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.
MAP 1. Shoal Bay Growing Area

Classification
- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

Sampling Stations

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