

# Nemah River

## Annual Shellfish Growing Area Review



Prepared By: Tim Jahraus

Area: Nemah River

Year Ending: December 31, 2023

Classification: Approved

### Activities in the Growing Area in 2023

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine shoreline survey was conducted, and no Direct or Indirect impacts were identified.

### Analytical Results of Water Samples

Table 1 summarizes the results of the last 30 samples collected from the area. This summary shows that all stations meet 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 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) for the Nemah River Growing Area**

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
139	Approved	2/19/2019 - 11/28/2023	1.7 - 23.0	2.4	5.8	Y
140	Approved	2/19/2019 - 11/28/2023	1.7 - 22.0	2.1	4.4	Y
141	Approved	2/19/2019 - 11/28/2023	1.7 - 6.8	1.9	3.0	Y
142	Approved	2/19/2019 - 11/28/2023	1.7 - 4.5	1.8	2.2	Y
143	Approved	2/19/2019 - 11/28/2023	1.7 - 2.0	1.7	1.8	Y
144	Approved	2/19/2019 - 11/28/2023	1.7 - 70.0	2.3	6.3	Y
145	Approved	2/19/2019 - 11/28/2023	1.7 - 49.0	2.7	7.7	Y
146	Approved	2/19/2019 - 11/28/2023	1.7 - 6.1	2.1	3.4	Y
203	Approved	2/19/2019 - 11/28/2023	1.7 - 130.0	2.9	10.3	Y

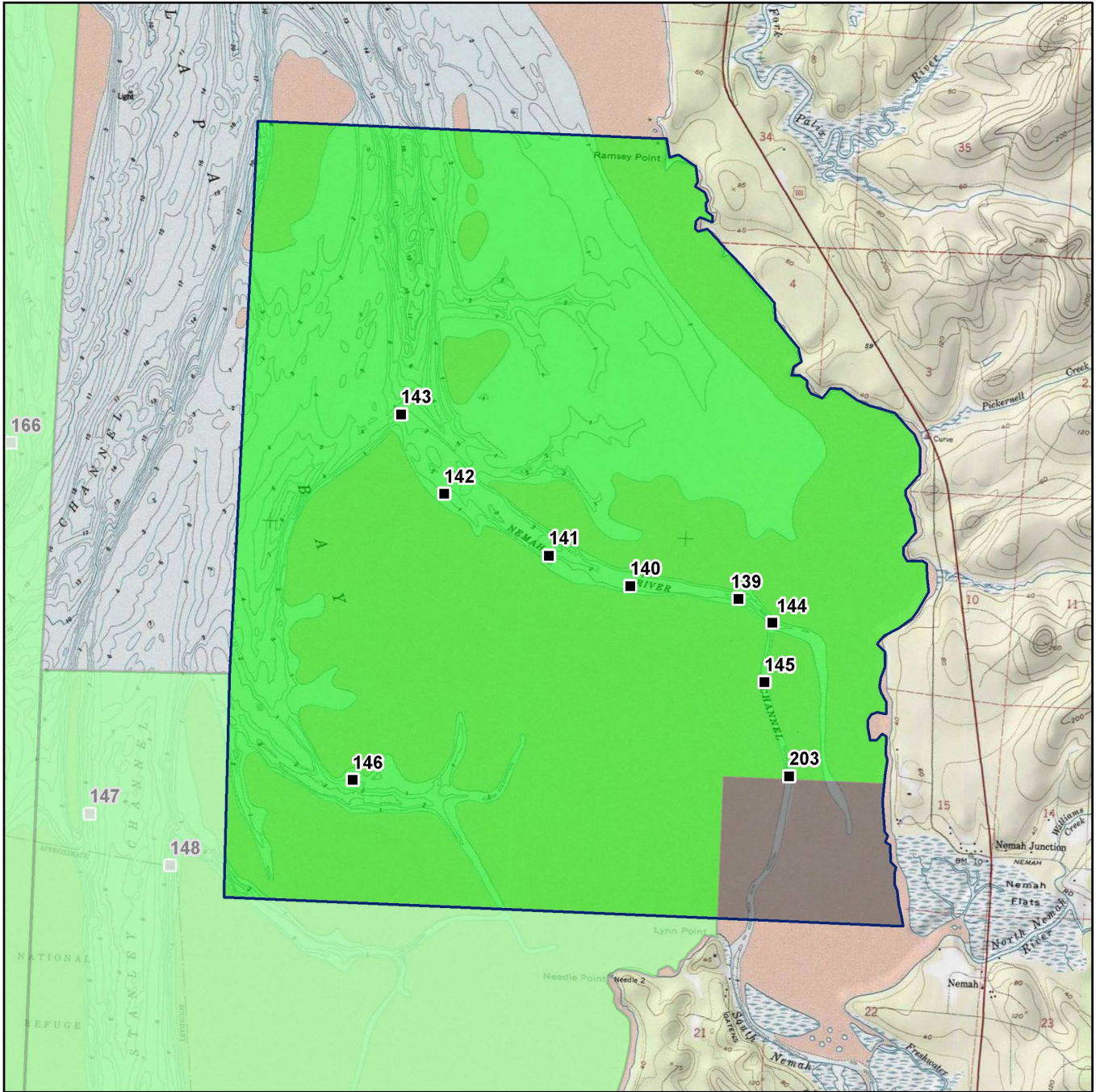
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.






**MAP 1. Nemah River Growing Area**

 Nemah River

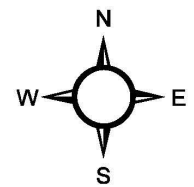


Date Updated: 7/11/2018



- Classification**
-  Approved
  -  Conditional
  -  Prohibited
  -  Restricted
  -  Unclassified

- Sampling Stations**
- 



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