

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF SHELLFISH AND WATER PROTECTION**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist
AREA: East Straits –Green Pt, Freshwater Bay, Deep Creek, Pysht
YEAR ENDING: December 31, 2008
CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2008:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. A shoreline survey of the growing area was conducted during 2007 and 2008; no direct impacts were identified. The Port Angeles WWTP was evaluated during the year. The East Straits growing area was closed 112 days due to elevated biotoxin levels.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. 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 a downgrade in classification
- Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **EAST STRAITS**

Classification: **Approved,Unclassified**

From **10/02/2003** To **12/09/2008**

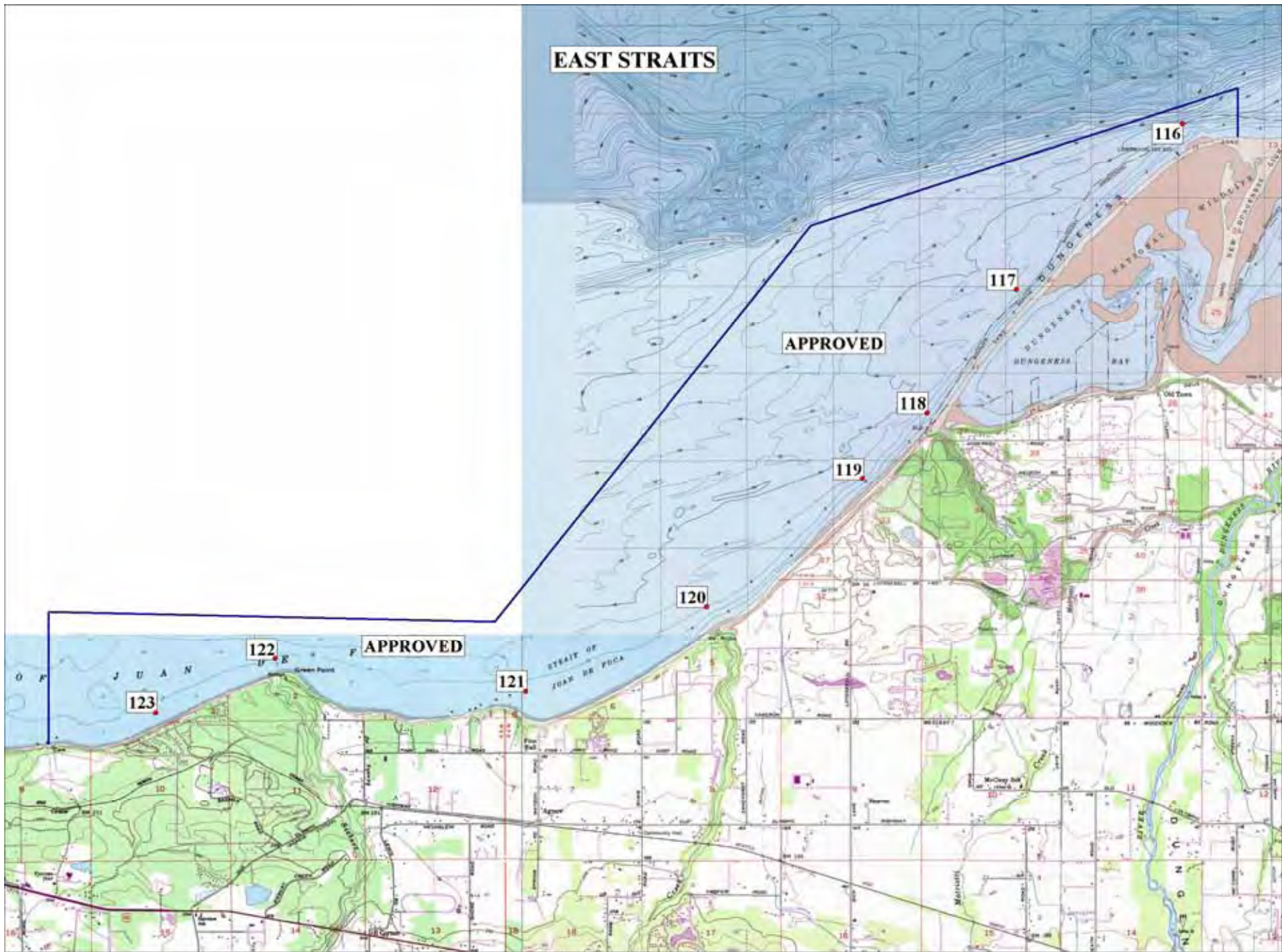
FECAL COLIFORM ORGANISMS/100 ML

| Station Number | Classification | Number of Samples | Range | Geometric Mean | Est. 90th Percentile | Meets Std. |
|----------------|----------------|-------------------|-------------|----------------|----------------------|------------|
| 116 | Approved | 30 | 1.7 - 11.0 | 1.8 | 2.0 | Yes |
| 117 | Approved | 30 | 1.7 - 4.5 | 1.8 | 2.0 | Yes |
| 118 | Approved | 30 | 1.7 - 70.0 | 2.2 | 5.0 | Yes |
| 119 | Approved | 30 | 1.7 - 23.0 | 2.0 | 3.0 | Yes |
| 120 | Approved | 30 | 1.7 - 7.8 | 2.4 | 4.0 | Yes |
| 121 | Approved | 30 | 1.7 - 79.0 | 2.5 | 7.0 | Yes |
| 122 | Approved | 30 | 1.7 - 130.0 | 2.7 | 11.0 | Yes |
| 123 | Approved | 30 | 1.7 - 33.0 | 2.1 | 5.0 | Yes |
| 124 | Approved | 30 | 1.7 - 79.0 | 2.9 | 12.0 | Yes |
| 127 | Approved | 30 | 1.7 - 60.0 | 2.1 | 5.0 | Yes |
| 128 | Approved | 30 | 1.7 - 79.0 | 2.4 | 7.0 | Yes |
| 136 | Approved | 31 | 1.7 - 33.0 | 3.1 | 10.0 | Yes |
| 137 | Approved | 31 | 1.7 - 33.0 | 2.5 | 6.0 | Yes |
| 139 | Approved | 30 | 1.7 - 22.0 | 2.9 | 8.0 | Yes |
| 140 | Approved | 30 | 1.7 - 79.0 | 3.2 | 14.0 | Yes |
| 141 | Approved | 30 | 1.7 - 49.0 | 2.8 | 9.0 | Yes |
| 142 | Approved | 30 | 1.7 - 46.0 | 4.3 | 17.0 | Yes |
| 143 | Approved | 31 | 1.7 - 49.0 | 3.4 | 12.0 | Yes |
| 144 | Approved | 30 | 1.7 - 7.8 | 1.8 | 2.0 | Yes |
| 145 | Approved | 30 | 1.7 - 33.0 | 2.2 | 5.0 | Yes |
| 146 | Approved | 30 | 1.7 - 79.0 | 2.1 | 6.0 | Yes |
| 147 | Approved | 30 | 1.7 - 49.0 | 2.8 | 9.0 | Yes |
| 148 | Approved | 30 | 1.7 - 22.0 | 2.0 | 3.0 | Yes |
| 149 | Approved | 30 | 1.7 - 540.0 | 2.3 | 9.0 | Yes |
| 150 | Approved | 30 | 1.7 - 49.0 | 2.0 | 5.0 | Yes |
| 174 | Approved | 31 | 1.7 - 13.0 | 2.6 | 6.0 | Yes |

All tides information is presented

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

EAST STRAITS



EAST STRAITS

J U A N

APPROVED

PROHIBITED



Map based on USGS 7.5' Topographic Series (1988)

