Washington State Department of Health
Office of Environmental Health and Safety

Annual Growing Area Review

PREPARED BY: Kelly Curtis

AREA: Oro Bay

YEAR ENDING: December 31, 2015

CLASSIFICATION: Approved, Prohibited, Unclassified

Activities In The Growing Area in 2015

Samples were collected from each station in the growing area six times during the year using the Systematic Random Sampling method. Construction continued on a new 80 acre public waterfront park along several parcels on Jacobs' Point (see map).

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 NSSP water quality standards for an Approved classification and the area is correctly classified.

Table 1. Summary of Marine Water Data (SRS)

Sampling Event Type: Regulatory

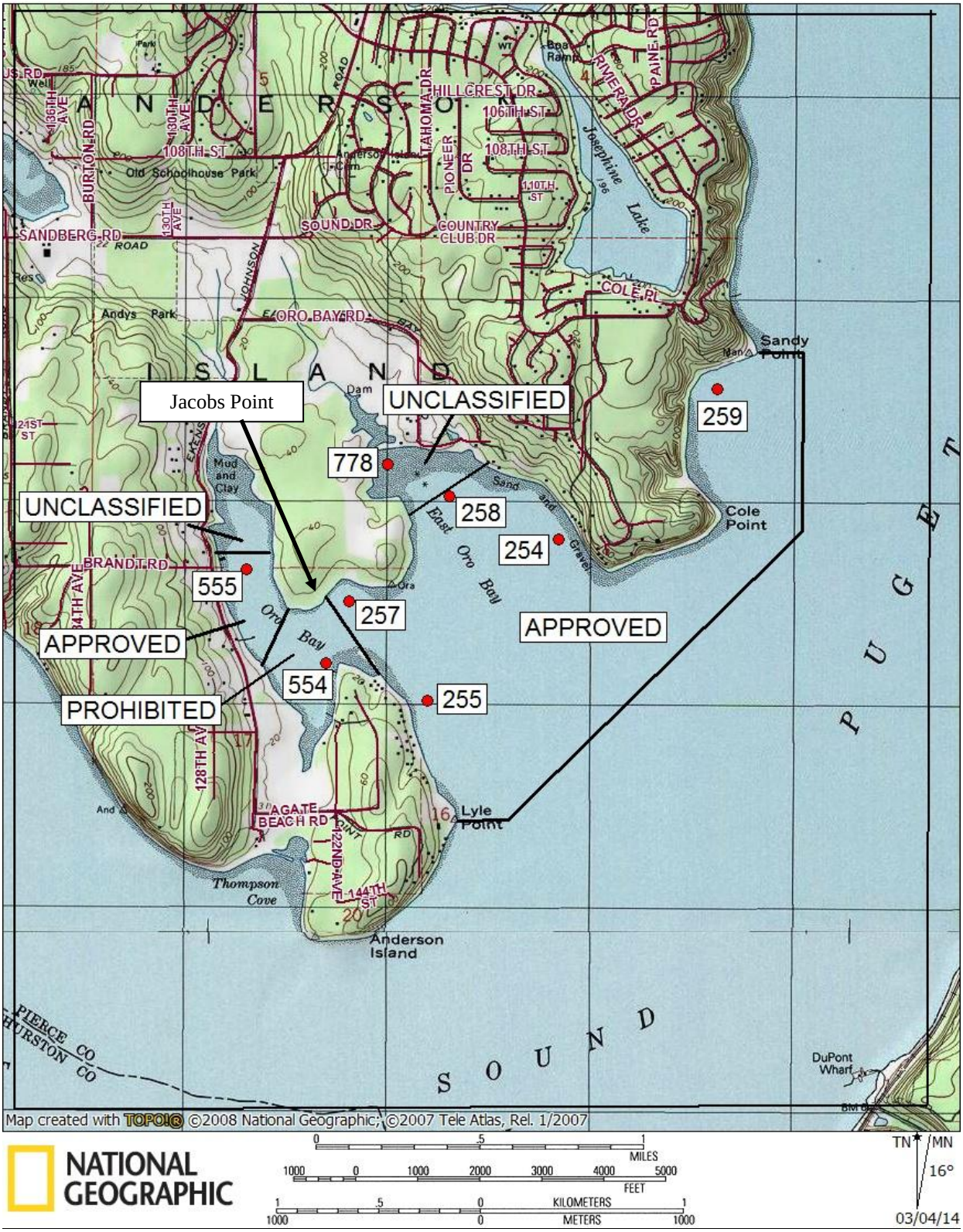
Tides Included: ALL

Maximum Number of Samples: 30

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
254	Approved	1/12/2011 - 10/28/2015	1.7 - 4.5	1.9	2.5	Y
255	Approved	1/12/2011 - 10/28/2015	1.7 - 4.5	1.8	2.3	Y
257	Approved	1/12/2011 - 10/28/2015	1.7 - 23.0	2.4	5.7	Y
258	Approved	12/7/2010 - 10/28/2015	1.7 - 17.0	2.2	4.4	Y
259	Approved	1/12/2011 - 10/28/2015	1.7 - 13.0	2.1	3.9	Y
555	Approved	1/12/2011 - 10/28/2015	1.7 - 22.0	2.5	5.2	Y
554	Prohibited	1/12/2011 - 10/28/2015	1.7 - 170.0	3.2	13.1	Y
778	Unclassified	12/7/2010 - 10/28/2015	1.7 - 170.0	3.3	13.5	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.

ORO BAY


Jacobs Point
UNCLASSIFIED
UNCLASSIFIED
APPROVED
PROHIBITED
APPROVED
778
258
254
259
555
257
554
255
Sandy Point
Cole Point
Lyle Point
Anderson Island
Thompson Cove
East Oro Bay
Oro Bay
Lake Josephine
ANDERSON ISLAND
PUGET SOUND
Old Schoolhouse Park
Andys Park
SANDBERG RD
BURTON RD
108TH ST
SOUND DR
COUNTRY CLUB DR
HILLCREST DR
106TH ST
108TH ST
110TH ST
PIONEER DR
TAHOMA DR
RIVIERA DR
PAINE RD
COLE PL
E ORO BAY RD
BRANDT RD
128TH AVE
AGATE BEACH RD
122ND AVE
144TH ST
DuPont Wharf
PIERCE CO
THURSTON CO
Map created with TOPO! ©2008 National Geographic, ©2007 Tele Atlas, Rel. 1/2007
NATIONAL GEOGRAPHIC
MILES
FEET
KILOMETERS
METERS
TN
MN
16°
03/04/14