

# Dyes Inlet

## Annual Shellfish Growing Area Review



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Area: Dyes Inlet

Year Ending: December 31, 2021

Classification: Approved, Conditionally Approved, Prohibited

### Activities in the Growing Area in 2021

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. The Conditionally Approved area was closed once due to WWTP issues for 21 days and all of Dyes Inlet was closed once in January due to excessive rainfall for seven days. All samples were collected during open status.

An annual CAAMP evaluation of the Bremerton Eastside CSO plant was completed in March. No changes to the classification or the CAAMP were needed.

The Kitsap Public Health District continues to implement a PIC project in Chico Creek and Chico Bay as well as the Closure Response Plan for Chico Bay.

### Analytical Results of Water Samples

Table 1 summarizes the results of the most recent 30 water samples at all stations. All stations in the Approved and Conditionally Approved portions of the growing area meet current NSSP criteria. Station 470 is categorized as Concerned.

### 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

Stations 473 and 474 are meeting NSSP standards and should be evaluated for an upgrade in classification.

## 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. Summary of Marine Water Data (SRS) for the Dyes Inlet 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
469	Approved	2/23/2017 - 12/21/2021	1.7 - 33.0	4.2	17.7	Y
470	Approved	2/23/2017 - 12/21/2021	1.7 - 79.0	4.7	20.4	Y
471	Approved	2/23/2017 - 12/21/2021	1.7 - 23.0	4.5	15.1	Y
462	Conditionally Approved	11/27/2018 - 12/21/2021	1.7 - 23.0	2.7	6.4	Y
463	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 46.0	3.2	10.0	Y
464	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 33.0	3.2	10.3	Y
465	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 31.0	2.6	6.5	Y
467	Conditionally Approved	11/27/2018 - 12/21/2021	1.7 - 22.0	2.6	5.8	Y
468	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 23.0	2.9	7.8	Y
477	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 49.0	2.6	7.6	Y
478	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 13.0	2.1	4.0	Y
479	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 7.8	2.1	3.4	Y
480	Conditionally Approved	12/19/2018 - 12/21/2021	1.7 - 33.0	3.0	7.9	Y
481	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 110.0	4.4	20.7	Y
482	Conditionally Approved	11/27/2018 - 12/21/2021	1.7 - 170.0	3.8	17.8	Y
483	Conditionally Approved	12/19/2018 - 12/21/2021	1.7 - 11.0	2.2	4.0	Y
484	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 17.0	2.4	5.5	Y
491	Conditionally Approved	12/19/2018 - 12/21/2021	1.7 - 23.0	2.3	5.1	Y
655	Conditionally Approved	12/12/2018 - 12/21/2021	1.7 - 13.0	2.6	5.3	Y
661	Conditionally Approved	11/27/2018 - 12/21/2021	1.7 - 110.0	2.9	9.9	Y
466	Prohibited	2/23/2017 - 12/21/2021	1.7 - 540.0	11.6	73.7	N
472	Prohibited	4/25/2017 - 12/21/2021	1.7 - 130.0	10.8	70.6	N
473	Prohibited	4/25/2017 - 12/21/2021	1.7 - 240.0	5.3	30.5	Y

**TABLE 1. Continued**

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
474	Prohibited	2/23/2017 - 12/21/2021	1.7 - 79.0	6.8	32.4	Y
485	Prohibited	11/29/2016 - 12/21/2021	1.7 - 46.0	2.8	8.0	Y
486	Prohibited	2/23/2017 - 12/21/2021	1.7 - 13.0	3.1	7.7	Y
487	Prohibited	2/23/2017 - 12/21/2021	1.7 - 110.0	4.7	22.6	Y
488	Prohibited	2/23/2017 - 12/21/2021	1.7 - 33.0	3.1	9.6	Y
489	Prohibited	2/23/2017 - 12/21/2021	1.7 - 110.0	3.8	15.2	Y
490	Prohibited	2/23/2017 - 12/21/2021	1.7 - 49.0	4.3	16.6	Y
492	Prohibited	2/23/2017 - 12/21/2021	1.7 - 49.0	2.7	7.9	Y
546	Prohibited	2/23/2017 - 12/21/2021	1.7 - 23.0	3.3	9.8	Y
576	Prohibited	11/29/2016 - 12/21/2021	1.7 - 33.0	2.9	8.5	Y
577	Prohibited	2/23/2017 - 12/21/2021	1.7 - 49.0	4.7	20.3	Y
578	Prohibited	4/25/2017 - 12/21/2021	1.7 - 130.0	3.2	13.0	Y
604	Prohibited	2/23/2017 - 12/21/2021	1.7 - 13.0	2.3	4.3	Y
605	Prohibited	2/23/2017 - 12/21/2021	1.7 - 13.0	2.6	5.6	Y
606	Prohibited	2/23/2017 - 12/21/2021	1.7 - 17.0	3.1	7.7	Y
656	Prohibited	2/23/2017 - 12/21/2021	1.7 - 240.0	2.6	9.3	Y
817	Prohibited	5/24/2016 - 12/21/2021	1.7 - 170.0	5.3	24.2	Y

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms / 100 mL with not more than 10 percent greater than 43 organisms / 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Dyes Inlet Growing Area

