

**Washington State Department of Health  
Office of Shellfish and Water Protection**

**Annual Growing Area Review**

**PREPARED BY:** Jule Schultz  
**AREA:** Discovery Bay  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved, Prohibited, Unclassified

**Activities In The Growing Area in 2011**

The Discovery Bay growing area was sampled a minimum of six times in 2011 using the Systematic Random Sampling method.

**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 downgrade in classification
- Fails to meet current classification standards

**Remarks and Recommendations:**

The Discovery Bay growing area is correctly classified as Approved.

TABLE 1

**SUMMARY OF MARINE WATER DATA (SRS)**

Growing Area: **DISCOVERY BAY**

Classification: **Approved,Unclassified**

From **10/06/2006** To **12/31/2011**

**FECAL COLIFORM ORGANISMS/100 ML**

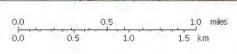
Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
47	Approved	31	1.7 - 33.0	2.1	4.0	Yes
48	Approved	31	1.7 - 49.0	2.3	6.0	Yes
49	Approved	31	1.7 - 33.0	2.4	6.0	Yes
50	Approved	31	1.7 - 23.0	2.2	4.0	Yes
51	Approved	31	1.7 - 23.0	2.4	6.0	Yes
52	Approved	31	1.7 - 4.5	1.8	2.0	Yes
54	Approved	31	1.7 - 2.0	1.7	1.0	Yes
56	Approved	31	1.7 - 4.5	1.7	2.0	Yes
57	Approved	31	1.7 - 2.0	1.7	1.0	Yes
58	Approved	31	1.7 - 6.8	1.9	3.0	Yes
59	Approved	31	1.7 - 13.0	1.8	2.0	Yes
60	Approved	31	1.7 - 23.0	2.0	4.0	Yes
61	Approved	31	1.7 - 1.7	1.7	1.0	Yes
62	Approved	31	1.7 - 46.0	2.5	6.0	Yes
66	Approved	31	1.7 - 27.0	2.5	6.0	Yes
67	Approved	31	1.7 - 7.8	2.0	3.0	Yes
171	Approved	30	1.7 - 13.0	2.0	3.0	Yes
189	Approved	39	1.7 - 49.0	2.7	8.0	Yes
192	Approved	19	1.7 - 21.0	2.7	7.0	*N/A
196	Unclassified	16	1.7 - 14.0	3.0	8.0	*N/A

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.

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*

† All samples have been verified.



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