

471223122091202 HYPOLIMNION-LAKE TAPPS NEAR BONNEY LAKE, WA SITE 6

Puget Sound Basin
Puyallup Subbasin

LOCATION.--Lat 47°12'23.5", long 122°09'12" referenced to North American Datum of 1983, Pierce County, WA, Hydrologic Unit 17110014, about 1.1 mi northeast of Allan Yorke Park of City of Bonney Lake and .22 mi north of Cascade St. E.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July to December 2010 (discontinued).

COOPERATION.--Cascade Water Alliance

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 3

[N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; m, meters; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Temperature, air, °C (00020)	Depth to bottom from water surface, at sampling location, meters (82903)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Sampling depth, m (00098)
10-12-2010	1340	20.3	5.20	8.5	7.5	67	16.2	2.0	4.5
10-26-2010	1040	6.9	5.10	9.2	7.6	66	13.0	3.1	4.5
11-16-2010	1250	10.3	4.90	9.9	7.5	66	10.3	2.3	4.0
12-07-2010	1230	11.2	4.30	11.6	7.5	67	5.3	1.2	3.5

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 2 of 3

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Date	Sample start time	Number of sampling points, count (00063)	Sampling method (82398)	Suspended solids, water, unfiltered, mg/L (00530)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)
10-12-2010	1340	1	Point sample	E 2.4	< .010	< .008	< .001	< .004	< .003
10-26-2010	1040	1	Point sample	E 3.2	< .010	< .008	< .001	< .004	< .003
11-16-2010	1250	1	Point sample	< 1.1	.014	.009	.001	< .004	.004
12-07-2010	1230	1	Point sample	< 1.1	.014	.020	< .001	.004	< .003

471223122091202 HYPOLIMNION-LAKE TAPPS NEAR BONNEY LAKE, WA SITE 6—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 3

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Date	Sample start time	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Chlorophyll, total, water, fluorometric, 650-700 nm, in situ sensor, µg/L (62361)
10-12-2010	1340	.009	.10	.35	1.18
10-26-2010	1040	.011	.10	.17	1.76
11-16-2010	1250	.009	.13	.15	1.58
12-07-2010	1230	.008	.26	.17	2.50