



Water-Data Report 2008

12072370 GORST CREEK AT WEST BELFAIR VALLEY ROAD AT GORST, WA

Puget Sound Basin
Puget Sound Subbasin

LOCATION.--Lat 47°31'26", long 122°42'26" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.32, T.24 N., R.1 E., Kitsap County, WA, Hydrologic Unit 17110019, at West Belfair Valley road, at Gorst, and 0.6 mi upstream from mouth.

DRAINAGE AREA.--8.70 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May and July 2008 (discontinued).

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft³/s
May 9, 2008	11.6
Jul 14, 2008	10.7

12072370 GORST CREEK AT WEST BELFAIR VALLEY ROAD AT GORST, WA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May and July 2008 (discontinued).

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 4

[Remark codes: <, less than; E, estimated.]

Date	Station number	Time	Instantaneous discharge, ft ³ /s (00061)	Turbidity white light, 90+/-30 correctd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd lab, μS/cm 25 degC (90095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)
May 09...	12072370	1130	12	.6	765	11.6	100	7.6	136	8.9	58	13.3
Jul 14...	12072370	0900	11	1.3	765	9.8	89	7.6	145	10.9	61	13.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 4

[Remark codes: <, less than; E, estimated.]

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium fraction of cations percent (00932)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd fixed end pt, lab, mg/L as CaCO ₃ (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO ₂ (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, dis-solved, tons/d (70302)
May 09...	6.14	.49	.3	15	4.90	61	3.08	<.12	23.3	3.03	94	.13	2.93
Jul 14...	6.58	.56	.3	15	5.00	65	3.96	<.12	25.7	3.35	E101	E.14	E2.91

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 4

[Remark codes: <, less than; E, estimated.]

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat flt by analysis, mg/L (62854)	Total nitrogen, wat unfltrd by analysis, mg/L (62855)	Total nitrogen, unfltrd water, mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd mg/L as P (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)
May 09...	.114	.722	.004	E.04	.83	.81	E.87	.023	.017	.027	.3	<.04	.3
Jul 14...	E.010	.798	E.001	E.02	.85	.90	E.87	.029	.023	.027	.2	<.04	.2

12072370 GORST CREEK AT WEST BELFAIR VALLEY ROAD AT GORST, WA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 4

[Remark codes: <, less than; E, estimated.]

Date	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, µg/L (01046)	Mangan- ese, water, fltrd, µg/L (01056)	Mercury water, fltrd, ng/L (50287)	Mercury suspnd sedimnt total, ng/L (62976)	Methyl- mercury water, fltrd, ng/L (50285)
May						
09...	1.2	27	6.7	.39	.135	<.04
Jul						
14...	.8	16	5.2	.81	.347	.07