



Water-Data Report 2008

**12072530 OLNEY CREEK NEAR MOUTH AT ANNAPOLIS, WA**

Puget Sound Basin  
Puget Sound Subbasin

LOCATION.--Lat 47°32'45", long 122°36'40" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.25, T.24 N., R.1 E., Kitsap County, WA, Hydrologic Unit 17110019, at Waste Water Treatment Plant, at Annapolis, and near mouth.

DRAINAGE AREA.--1.86 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--August 1947, August 1958, July to October 1974 (published as "Annapolis Creek"), May and July 2008 (discontinued) (discharge measurements only).

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

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
May 8, 2008	2.63
Jul 14, 2008	2.24

## 12072530 OLNEY CREEK NEAR MOUTH AT ANNAPOLIS, 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: &lt;, less than; E, estimated.]

Date	Station number	Time	Instan- dis- charge, ft <sup>3</sup> /s (00061)	Turbdty	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf lab, μS/cm 25 degC (90095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO <sub>3</sub> (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)
				white light, 90+/-30 corrctd NTRU (63676)								
May 08...	12072530	1400	2.6	3.9	11.4	8.0	172	9.8	74	15.8	8.29	1.10
Jul 14...	12072530	1310	2.2	6.9	9.2	7.9	179	12.6	73	15.6	8.28	.98

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 4

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

Date	Sodium adsorp- tion ratio (00931)	Sodium frac- tion of cations percent (00932)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO <sub>2</sub> (00955)	Sulfate water, fltrd, mg/L (00945)	Residue	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, dis- solved, tons/d (70302)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)
				fixed end pt, lab, mg/L as CaCO <sub>3</sub> (90410)					water, fltrd, mg/L (70301)				
May 08...	.3	15	6.30	67	4.74	<.12	28.2	7.46	121	.16	.86	<.020	2.09
Jul 14...	.3	15	6.02	69	4.99	<.12	30.0	7.70	125	.17	.75	<.020	2.17

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 3 of 4

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

Date	Nitrite water, fltrd, mg/L as N (00613)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Total nitro- gen, wat unf by anal ysis, mg/L (62855)	Total nitro- gen, water, unfltrd mg/L (00600)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L as P (00666)	Phos- phorus, water, unfltrd mg/L as P (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, μg/L (01046)
Jul 14...	E.002	.09	2.21	2.40	2.3	.033	.025	.039	1.4	<.04	1.4	1.1	19

## 12072530 OLNEY CREEK NEAR MOUTH AT ANNAPOLIS, WA—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 4 of 4

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

Date	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)
<b>May</b>				
<b>08...</b>	8.4	.43	.763	<.04
<b>Jul</b>				
<b>14...</b>	5.9	.43	1.46	E.04