



Water-Data Report 2008

**01646567 EAST CREEK AT DALECARLIA RESERVOIR NEAR CHEVY CHASE, MD**

Potomac Basin  
Middle Potomac-Anacostia-Occoquan Subbasin

LOCATION.--Lat 38°56'44.3", long 77°06'28.4" referenced to North American Datum of 1983, Montgomery County, MD, Hydrologic Unit 02070010.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--December 2007.

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

Part 1 of 3  
[Remark codes: <, less than.]

Date	Time	Sample medium and type	Turbidity, IR LED light, 90 deg, FNU (63680)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unfltrd lab, μS/cm (90095)	Specif. conductance, wat unfltrd lab, μS/cm (00095)	Temperature, water, deg C (00010)
Dec 10...	1225	Surface water, regular	2.9	3.6	8.8	6.9	904	887	8.6

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

Part 2 of 3  
[Remark codes: <, less than.]

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat fltrd inf tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat fltrd infl pt titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate, water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)
Dec 10...	44.2	16.0	6.05	112	81	80	98	199	.31	11.4	44.8	<.020	1.09

01646567 EAST CREEK DALECARLIA SW-3—Continued

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

Part 3 of 3

[Remark codes: <, less than.]

<b>Date</b>	<b>Nitrite water, fltrd, mg/L as N (00613)</b>	<b>Total nitro- gen, wat unf by anal ysis, mg/L (62855)</b>	<b>Ortho- phos- phate, water, fltrd, mg/L as P (00671)</b>	<b>Phos- phorus, water, unfltrd mg/L as P (00665)</b>	<b>Iron, water, fltrd, µg/L (01046)</b>	<b>Mangan- ese, water, fltrd, µg/L (01056)</b>	<b>Sampler type, code (84164)</b>	<b>Sam- pling method, code (82398)</b>
<b>Dec 10...</b>	.016	1.52	.230	.29	108	46.0	4080	4080