



Water-Data Report 2007

**381710075122601 NEWPORT CREEK NEAR IRONSHIRE, MD**

Upper Chesapeake Basin  
Chincoteague Subbasin

LOCATION.--Lat 38°17'09.8", long 75°12'25.5" referenced to North American Datum of 1983, Worcester County, MD, Hydrologic Unit 02060010.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water-Quality samples collected in 2007 Water Year.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 6

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample type	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd, μS/cm 25 degC (00095)	Temperature, water, deg C (00010)	1-Methylnaphthalene, water, fltrd, μg/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, μg/L (62055)	2-Methylnaphthalene, water, fltrd, μg/L (62056)	3-beta-Coprostanol, water, fltrd, μg/L (62057)	3-Methyl-1H-indole, water, fltrd, μg/L (62058)	4-Cumylphenol, water, fltrd, μg/L (62060)
Sep 13...	0800	Environmental	<1.0	6.1	31,500	25.6	<.1	<.2	<.1	<.2	<.08	<.14

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 6

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	4-Octylphenol, water, fltrd, μg/L (62061)	4-Nonylphenol, all isomers, wat flt, μg/L (62085)	4-Nonylphenol, diethoxylate, wat flt, μg/L (62083)	4-Octylphenol, diethoxylate, wat flt, μg/L (61705)	4-Octylphenol, monoethoxylate, wat flt, μg/L (61706)	4-tert-Octylphenol, water, fltrd, μg/L (62062)	5-Methyl-1H-benzotriazole, wat flt, μg/L (62063)	9,10-Anthraquinone, water, fltrd, μg/L (62066)	Acetophenone, water, fltrd, μg/L (62064)	AHTN, water, fltrd, μg/L (62065)	Anthracene, water, fltrd, μg/L (34221)	Benzo[a]pyrene, water, fltrd, μg/L (34248)	Benzo-phenone, water, fltrd, μg/L (62067)
Sep 13...	<.16	<.2	<.5	<.1	<.1	<.10	<.2	<.2	<.1	<.5	<.1	<.1	<.2

## 381710075122601 NEWPORT CREEK NEAR IRONSHIRE, MD—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 3 of 6

[Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	beta-Sitosterol, water, fltrd, µg/L (62068)	beta-Stigmasterol, water, fltrd, µg/L (62086)	Bisphenol A-d3, 2033 & 8033, wat flt pct rcv (99583)	Bromocil, water, fltrd, µg/L (04029)	Caffeine, water, fltrd, µg/L (50305)	Caffeine-13C, 2033 & 8033, wat flt pct rcv (99584)	Camphor, water, fltrd, µg/L (62070)	Carbaryl, water, fltrd, 0.7u GF µg/L (82680)	Carbazole, water, fltrd, µg/L (62071)	Chlorpyrifos, water, fltrd, µg/L (38933)	Cholesterol, water, fltrd, µg/L (62072)	Cotinine, water, fltrd, µg/L (62005)	DecaFluorobiphenyl, 2033 & 8033, wat flt pct rcv (99585)
Sep 13...	<2	<2	.0	<.4	<.2	91.0	E.1	<1	<.1	<.2	<1	<.400	49.3

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 4 of 6

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Date	DEET, water, fltrd, µg/L (62082)	Diazinon, water, fltrd, µg/L (39572)	D-Limonene, water, fltrd, µg/L (62073)	Fluoranthene, water, fltrd, µg/L (34377)	Fluoranthene-d10, 20/8033, wat flt pct rcv (99586)	HHCB, water, fltrd, µg/L (62075)	Indole, water, fltrd, µg/L (62076)	Isoborneol, water, fltrd, µg/L (62077)	Iso-phorone, water, fltrd, µg/L (34409)	Iso-propylbenzene, water, fltrd, µg/L (62078)	Iso-quinoline, water, fltrd, µg/L (62079)	Menthol, water, fltrd, µg/L (62080)	Metaxyl, water, fltrd, µg/L (50359)
Sep 13...	M	<.2	<.1	<.1	82.6	<.5	<.1	<.1	<.1	<.1	<.4	<.2	<.2

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 5 of 6

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Date	Methyl salicylate, water, fltrd, µg/L (62081)	Metolachlor, water, fltrd, µg/L (39415)	Naphthalene, water, fltrd, µg/L (34443)	p-Cresol, water, fltrd, µg/L (62084)	Phenanthrene, water, fltrd, µg/L (34462)	Phenol, water, fltrd, µg/L (34466)	Prometon, water, fltrd, µg/L (04037)	Pyrene, water, fltrd, µg/L (34470)	Tetrachloroethene, water, fltrd, µg/L (34476)	Tri-bromomethane, water, fltrd, µg/L (34288)	Tri-butyl phosphate, water, fltrd, µg/L (62089)	Triclosan, water, fltrd, µg/L (62090)	Tri-ethyl citrate, water, fltrd, µg/L (62091)
Sep 13...	<.2	<.2	E.1	<.18	M	<.4	<.4	<.1	<.2	<.1	<.2	<.2	<.4

**381710075122601 NEWPORT CREEK NEAR IRONSHIRE, MD—Continued**

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 6 of 6

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<b>Date</b>	<b>Tri-phenyl phosphate, water, fltrd, µg/L (62092)</b>	<b>Tris(2-butoxyethyl) phosphate, wat flt µg/L (62093)</b>	<b>Tris(2-chloroethyl) phosphate, wat flt µg/L (62087)</b>	<b>Tris(di-chloro-i-Pr) phosphate, wat flt µg/L (62088)</b>	<b>Sampler type, code (84164)</b>	<b>Sam-pling method, code (82398)</b>
<b>Sep 13...</b>	<.2	<.5	<.2	<.2	3060	50