



Water-Data Report 2009

0204243650 BLOODY RUN AT WEST BOUNDARY NEAR HIGHLAND SPRINGS, VA

James Basin
Lower James Subbasin

LOCATION.--Lat 37°35'21.29", long 77°17'31.25" referenced to North American Datum of 1983, Hanover County, VA, Hydrologic Unit 02080206.

DRAINAGE AREA.--0.33 mi².

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 7

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: c, see result laboratory comment; k, counts outside acceptable range; m, value is highly variable by this method; t, below the long-term MDL.]

Date	Time	Medium name	Sample type	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conduc-tance, wat unf μS/cm @ 25 degC (00095)	Temper-ature, deg C (00010)	Turbid-ity, IR LED light, det ang 90 deg, FNU (63680)
Aug								
11...	1425	Surface water	Regular	7.8	5.9	48	22.9	2.0
13...	1310	Surface water	Regular	7.6	5.9	44	21.5	.1
13...	1311	<i>QC sample - Surface water</i>	<i>Replicate</i>	--	--	--	--	--

WATER-QUALITY DATA

WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 7

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Date	E coli, m-TEC MF, water, col/ 100 mL (31633)	1,4-Di-chloro-benzene water, unfltrd μg/L (34571)	Atra-zine, water, unfltrd μg/L (39630)	Broma-cil, water, unfltrd μg/L (30234)	Camphor water, unfltrd μg/L (62817)	Carba-baryl, water, unfltrd μg/L (39750)	Carba-zole, water, unfltrd μg/L (77571)	Chlor-pyrifos water, unfltrd μg/L (38932)	DEET, water, unfltrd μg/L (61947)	Diazi-non, water, unfltrd μg/L (39570)	Di-chlor-ovos, water, unfltrd μg/L (30218)	Metal-axyl, water, unfltrd μg/L (04254)	Metola-chlor, water, unfltrd μg/L (82612)
Aug													
11...	E130k	<.2	<.20	<.8	<.2	<.2mc	<.2	<.2	Mt	<.2	<.2	<.2	<.2
13...	E85k	--	--	--	--	--	--	--	--	--	--	--	--
13...	E30k	--	--	--	--	--	--	--	--	--	--	--	--

0204243650 BLOODY RUN AT WEST BOUNDARY NEAR HIGHLAND SPRINGS, VA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 7

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Date	p-Cresol, water, unfltrd µg/L (77146)	Penta-chloro-phenol, water, unfltrd µg/L (39032)	Prome-ton, water, unfltrd µg/L (39056)	1-Methyl-naphth-alene, water, unfltrd µg/L (81696)	2,6-Di-methyl-naphth-alene, water, unfltrd µg/L (62805)	2-Methyl-naphth-alene, water, unfltrd µg/L (30194)	3,4-Di-chloro-phenyl iso-cyanate, wat unf µg/L (63145)	3-beta-Copros-tanol, water, unfltrd µg/L (62806)	3-Methyl-1H-indole, water, unfltrd µg/L (62807)	3-tert-Butyl-4-hy-droxy-anisole, wat unf µg/L (61702)	4-Cumyl-phenol, water, unfltrd µg/L (62808)	4-n-Octyl-phenol, water, unfltrd µg/L (62809)	4-Nonyl-phenol, all isomers, wat unf µg/L (62829)
Aug 11...	Mt	<.8mc	<.2	<.2	<.2	<.2	<1.6mc	<2mc	<.2	<.2mc	<.2	<.2	<2mc
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 7

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Date	4-Nonyl-phenol, di-ethox-ylate, wat unf µg/L (61703)	4-Nonyl-phenol, mono-ethox-ylate, wat unf µg/L (61704)	4t-Octy-lphenol, di-ethox-ylate, wat unf µg/L (62486)	4t-Octy-lphenol, mono-ethox-ylate, wat unf µg/L (62485)	4-tert-Octyl-phenol, water, unfltrd µg/L (62810)	5-Meth-yl-1H-benzo-azole, wat unf µg/L (61944)	9,10-Anthra-quinone, water, unfltrd µg/L (62813)	Aceto-phenone, water, unfltrd µg/L (62811)	AHTN, water, unfltrd µg/L (62812)	Anthra-cene, water, unfltrd µg/L (34220)	BDE congenr 47, water, unfltrd µg/L (63147)	Benzo-[a]-pyrene, water, unfltrd µg/L (34247)	Benzo-phenone, water, unfltrd µg/L (62814)
Aug 11...	<3mc	<1.6mc	<.5mc	<1mc	<.4	<2mc	<.2	<.4	<.2	<.2	<.3mc	<.2	<.2
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 7

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Date	beta-Sitos-terol, water, unfltrd µg/L (62815)	beta-Stigmas-tanol, water, unfltrd µg/L (61948)	Bis(2-ethyl-phthal-ate, wat unf µg/L (39100)	Bisphe-nol A, water, unfltrd µg/L (62816)	Caf-feine, water, unfltrd µg/L (81436)	Choles-terol, water, unfltrd µg/L (62818)	Coti-nine, water, unfltrd µg/L (61945)	Di-ethyl-phthal-ate, water, unfltrd µg/L (34336)	D-Limo-nene, water, unfltrd µg/L (62819)	Fluor-anthene, water, unfltrd µg/L (34376)	HHCB, water, unfltrd µg/L (62823)	Indole, water, unfltrd µg/L (62824)	Isobor-neol, water, unfltrd µg/L (62825)
Aug 11...	<2mc	<2mc	Mt	<.4	<.2	Mmtc	<.8mc	<.2	<.2mc	<.2	<.2	<.2	<.2
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

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WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 7

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Date	Iso-phorone water, unfltrd µg/L (34408)	Iso-propyl-benzene water, unfltrd µg/L (77223)	Iso-quinoline, water, unfltrd µg/L (62826)	Menthol water, unfltrd µg/L (62827)	Methyl salicylate, water, unfltrd µg/L (62828)	Naphthalene, water, unfltrd µg/L (34696)	Phenanthrene, water, unfltrd µg/L (34461)	Phenol, water, unfltrd µg/L (34694)	Pyrene, water, unfltrd µg/L (34469)	Tetra-chloro-ethene, water, unfltrd µg/L (34475)	Tri-bromo-methane water, unfltrd µg/L (32104)	Tri-butyl phosphate, water, unfltrd µg/L (62832)	Tri-closan, water, unfltrd µg/L (61708)
Aug 11...	Mt	<.2mc	<.2	<.2	<.2	<.2	<.2	<.2	<.2	<.4	Mt	<.2	<.2
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

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Part 7 of 7

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Date	Tri-ethyl citrate water, unfltrd µg/L (62833)	Tri-phenyl phosphate, water, unfltrd µg/L (62834)	Tris(2-butoxy-ethyl) phosphate, wat unf µg/L (62830)	Tris(2-chloro-ethyl) phosphate, wat unf µg/L (62831)	Tris-(diCl-i-Pr) phosphate, wat unf µg/L (61707)
Aug 11...	<.2	<.2	<.3mc	<.2	<.2
13...	--	--	--	--	--
13...	--	--	--	--	--