



Water-Data Report 2011

392756084330100 Local number BU-1101

Sand and gravel aquifers (glaciated regions)
Outwash

Butler County, OH

LOCATION.--Lat 39°27'55.8", long 84°33'00.5" referenced to North American Datum of 1983, Butler County, OH, Hydrologic Unit 05080002.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 92 ft. Upper casing diameter 6 in; top of first opening 92 ft, bottom of last opening 92 ft. Domestic water-supply well.

DATUM.--Land-surface datum is 625 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 0.90 ft above land-surface datum, June 7, 1999, to present.

PERIOD OF RECORD.--Periodic water-level measurements from June 7, 1999 to current year. A water level from the well log is reported before this date but is not used in the period of record.

REMARKS.--This well is part of the NAWQA (National Water-Quality Assessment) of the White, Great, and Little Miami River Basins (WHMI study unit).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.29 ft below land-surface datum, July 31, 2008; lowest measured, 16.70 ft below land-surface datum, June 7, 1999.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: - - , static.]

Date	Water level	Measurement method	Water- level status
Jul 19	11.79	V	--

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water-quality data from June 7, 1999 to current year. Samples are collected approximately every two years.

REMARKS.--This well is part of the NAWQA (National Water-Quality Assessment) of the White, Great, and Little Miami River Basins (WHMI study unit). Water-quality samples are collected and analyzed for water-quality constituents (field parameters, major ions, nutrients, trace elements, pesticides and other organic compounds).

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 23

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)	Specific conductance, water, unfiltered, laboratory, µS/cm at 25 °C (90095)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)
07-19-2011	749	31.0	.1	6.9	7.3	767	784	14.5	.7

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Carbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00452)
07-19-2011	491	111	32.4	2.55	10.8	304	370	.03	.4

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)
07-19-2011	30.0	.16	M	12.7	66.4	.020	< .02	.001	.005

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, µg/L (01106)	Barium, water, filtered, µg/L (01005)	Beryllium, water, filtered, µg/L (01010)	Cadmium, water, filtered, µg/L (01025)	Chromium, water, filtered, µg/L (01030)	Cobalt, water, filtered, µg/L (01035)	Copper, water, filtered, µg/L (01040)	Iron, water, filtered, µg/L (01046)	Lead, water, filtered, µg/L (01049)
07-19-2011	< .05	3.7	243	< .01	< .02	< .06	.04	< .50	3,490	.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 23

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Lithium, water, filtered, µg/L (01130)	Manga- nese, water, filtered, µg/L (01056)	Molyb- denum, water, filtered, µg/L (01060)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01075)	Strontium, water, filtered, µg/L (01080)	Thallium, water, filtered, µg/L (01057)	Vanadium, water, filtered, µg/L (01085)	Zinc, water, filtered, µg/L (01090)	Antimony, water, filtered, µg/L (01095)
07-19-2011	3.3	81.4	2.22	.16	< .01	158	< .01	< .08	34.3	< .03

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1,2,3-Tri-	1,2-	1,2-	1,2-	1,3-Di-	1,4-	
				chloro- propane, water, unfiltered, recover- able, µg/L (77443)	Dibromo-3- chloro- propane, water, unfiltered, recover- able, µg/L (82625)	Dibromo- ethane, water, unfiltered, recover- able, µg/L (77651)	Dichloro- ethane, water, unfiltered, recover- able, µg/L (32103)	Dichloro- propane, water, unfiltered, recover- able, µg/L (34541)	Dichloro- propane, water, unfiltered, recover- able, µg/L (77173)	Dichloro- benzene, water, unfiltered, recover- able, µg/L (34571)
07-19-2011	1.0	34	< .03	< .12	< .4	< .03	< .1	< .03	< .1	< .03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	1-	2,6-	2-Chloro-4-	2-Ethyl-6-	3,4-	3,5-Di-	3-Chloro-	4-Chloro-2-	Aceto-	
	Naphthol, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49295)	Diethyl- aniline, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82660)								2'-6'- diethyl- acetanil- ide, water, filtered, recover- able, µg/L (61618)
07-19-2011	< .036	< .006	< .010	< .006	< .010	< .004	< .004	< .08	< .005	< .010

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Acrylo-	Alachlor,	alpha-	Atrazine,	Azinphos-	Azinphos-	Benfluralin,	Bromo-	Carbaryl,
	nitrile,	water,	Endo-	water,	methyl	methyl,	water,	methane,	water,
	water,	water,	sulfan,	water,	oxygen	water,	water,	water,	water,
	unfiltered,	filtered,	water,	filtered,	analog,	filtered,	filtered,	unfiltered,	filtered,
	recover-	recover-	filtered,	recover-	water,	recover-	glass fiber	glass fiber	glass fiber
	able,	able,	recover-	able,	filtered,	able,	filter),	filter),	filter),
	µg/L	µg/L	able,	µg/L	recover-	µg/L	recoverable,	recover-	recover-
	(34215)	(46342)	µg/L	(39632)	able,	(82686)	µg/L	able,	able,
			(34362)		µg/L		(82673)	(34413)	(82680)
07-19-2011	< 0.8	< .008	< .006	< .008	< .04	< .120	< .014	< .2	< .060

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Carbofuran,	Carbon	Chlorpyrifos	Chlor-	cis-1,3-Di-	cis-	Cyanazine,	Cyfluthrin,	
	water,		oxygen	pyrifos,	chloro-	Propicon-			
	filtered	disulfide,	analog,	water,	propene,	azole,	water,	water,	
	(0.7 micron	water,	water,	filtered,	water,	water,	filtered,	filtered,	
	glass fiber	unfiltered,	filtered,	recover-	unfiltered,	glass fiber	filtered,	filtered,	
	filter),	water,	recover-	able,	recover-	filter),	recover-	recover-	
	recoverable,	recoverable,	able,	µg/L	able,	recover-	able,	able,	
	µg/L	µg/L	µg/L	(38933)	µg/L	able,	µg/L	µg/L	
	(82674)	(77041)	(61636)		(34704)	µg/L	(79846)	(04041)	
						(82687)		(61585)	
07-19-2011	< .060	< .08	< .06	< .004	< .10	< .010	< .008	< .022	< .016

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WATER-QUALITY DATA

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Cypermethrin, water, filtered, recoverable, µg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)	Desulfinyl-fipronil amide, water, filtered, recoverable, µg/L (62169)	Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62170)	Diazinon, water, filtered, recoverable, µg/L (39572)	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	Disulfoton sulfone, water, filtered, recoverable, µg/L (61640)
07-19-2011	< .020	< .008	< .029	< .012	< .006	< .04	< .08	< .008	< .006	< .01

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82677)	Endosulfan sulfate, water, filtered, recoverable, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82668)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenamiphos, water, filtered, recoverable, µg/L (61591)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)
07-19-2011	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03	< .012

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Hexazinone, water, filtered, recoverable, µg/L (04025)	Iodomethane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, µg/L (61595)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)
07-19-2011	< .024	< .018	< .005	< .008	< .26	< .014	< .006	< .010	< .022	< .016

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Metalaxyl, water, filtered, recover- able, µg/L (61596)	Methida- thion, water, filtered, recover- able, µg/L (61598)	Methyl paraoxon, water, filtered, recover- able, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82667)	Metola- chlor, water, filtered, recover- able, µg/L (39415)	Metri- buzin, water, filtered, recover- able, µg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82671)	Myclo- butanil, water, filtered, recover- able, µg/L (61599)	Oxy- fluorfen, water, filtered, recover- able, µg/L (61600)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82683)
07-19-2011	< .014	< .012	< .01	< .008	< .020	< .012	< .004	< .010	< .006	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Phorate oxygen analog, water, filtered, recover- able, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, µg/L (61668)	Phosmet, water, filtered, recover- able, µg/L (61601)	Prometon, water, filtered, recover- able, µg/L (04037)	Prometryn, water, filtered, recover- able, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82685)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82676)	Simazine, water, filtered, recover- able, µg/L (04035)
07-19-2011	< .03	< .020	< .05	< .140	< .012	< .006	< .010	< .02	< .004	< .006

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82670)	Tefluthrin, water, filtered, recover- able, µg/L (61606)	Terbufos oxygen analog sulfone, water, filtered, recover- able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, µg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82681)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, µg/L (34699)	trans- Propicon- azole, water, filtered, recover- able, µg/L (79847)	Tribuphos, water, filtered, recover- able, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)
07-19-2011	< .03	< .010	< .04	< .02	< .01	< .016	< .14	< .01	< .018	< .018

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, µg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, µg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, µg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (50000)
07-19-2011	< .04	< .03	< .14	< .03	< .03	< .04	< .02	< .04	< .1	< .080

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, µg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, µg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, µg/L (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, µg/L (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, µg/L (77170)	2-Chloro- toluene, water, unfiltered, recover- able, µg/L (77275)	2-Ethyl- toluene, water, unfiltered, recover- able, µg/L (77220)
07-19-2011	< .1	< .060	< .1	< .03	< .03	< .03	< .02	< .06	< .03	< .03

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	4-Chloro- toluene, water, unfiltered, recover- able, µg/L (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, µg/L (77356)	Acetone, water, unfiltered, recover- able, µg/L (81552)	Benzene, water, unfiltered, recover- able, µg/L (34030)	Bromo- benzene, water, unfiltered, recover- able, µg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, µg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, µg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, µg/L (50002)	Chloro- benzene, water, unfiltered, recover- able, µg/L (34301)	Chloro- ethane, water, unfiltered, recover- able, µg/L (34311)
07-19-2011	< .04	< .06	< 3	< .03	< .02	< .06	< .03	< .1	< .03	< .1

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Chloro- methane, water, unfiltered, recover- able, µg/L (34418)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (77093)	Dibromo- chloro- methane, water, unfiltered, recover- able, µg/L (32105)	Dibromo- methane, water, unfiltered, recover- able, µg/L (30217)	Dichloro- difluoro- methane, water, unfiltered, recover- able, µg/L (34668)	Dichloro- methane, water, unfiltered, recover- able, µg/L (34423)	Diethyl ether, water, unfiltered, recover- able, µg/L (81576)	Diiso- propyl ether, water, unfiltered, recover- able, µg/L (81577)	Ethyl metha- crylate, water, unfiltered, recover- able, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recover- able, µg/L (81595)
07-19-2011	< .140	< .02	< .1	< .05	< .10	< .04	< .1	< .06	< .2	< 1.6

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Ethyl- benzene, water, unfiltered, recover- able, µg/L (34371)	Hexa- chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	Hexa- chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Isopropyl- benzene, water, unfiltered, recover- able, µg/L (77223)	Methyl acrylate, water, unfiltered, recover- able, µg/L (49991)	Methyl acrylo- nitrile, water, unfiltered, recover- able, µg/L (81593)	Methyl metha- crylate, water, unfiltered, recover- able, µg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recover- able, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, µg/L (50005)
07-19-2011	< .04	< .1	< .2	< .3	< .04	< .8	< .3	< .2	< .10	< .06

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, µg/L (77342)	n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, µg/L (77353)
07-19-2011	< .08	< .2	< .4	< .1	< .04	< .03	< .03	< .04	< .03	< .06

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; M, presence verified but not quantified]

Date	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Trichloroethene, water, unfiltered, recoverable, µg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, µg/L (34488)	Trichloromethane, water, unfiltered, recoverable, µg/L (32106)
07-19-2011	< .03	< .06	< 1	< .02	< .02	< .4	< .10	< .02	< .06	< .03

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**WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen;
NTRU, nephelometric turbidity ratio
unit; P, phosphorus; SiO₂, silicon
dioxide; mg/L, milligrams per liter; mm
Hg, millimeters of mercury; nm,
nanometers; °C, degrees Celsius;
µS/cm, microsiemens per centimeter;
µg/L, micrograms per liter; <, less than;
M, presence verified but not quantified]

Date	Vinyl chloride, water, unfiltered, recover- able, µg/L (39175)	Uranium (natural), water, filtered, µg/L (22703)
07-19-2011	< .1	.38