



Water-Data Report 2011

390606077022201 Local number MO Dg 34

Piedmont and Blue Ridge crystalline-rock aquifers
Kensington Quartz Diorite

Montgomery County, MD

LOCATION.--Lat 39°06'06.4", long 77°02'21.8" referenced to North American Datum of 1983, Montgomery County, MD, Hydrologic Unit 02070010, Layhill Park.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 45.13 ft. Upper casing diameter 6 in; top of first opening 18 ft, bottom of last opening 45.13 ft. Drilled, observation well.

DATUM.--Land-surface datum is 322 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.00 ft above land-surface datum, Dec. 2002 to present.

PERIOD OF RECORD.--Intermittent water-quality records collected at this station since Water Year 2003.

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

Part 1 of 27

[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Depth to water level, ft below land surface (72019)	Dissolved oxygen, unfiltered, mg/L (00300)	Dissolved oxygen, unfiltered, % saturation (00301)	Flow rate, instantaneous, gallons per minute (00059)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)
08-15-2011	1715	Groundwater	Regular	746	6.81	8.6	96	.18	6.4	6.6

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

Part 2 of 27

[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Sampling depth, ft (00003)	1,2-Dichloro-ethane-d4, surrogate, Schedule 2090, water, unfiltered, percent recovery (99832)	1-Bromo-4-fluoro-benzene, surrogate, VOC schedules, unfiltered, percent recovery (99834)	alpha-HCH-d6, surrogate, Schedule 2003, water, filtered, percent recovery (99995)
08-15-2011	1715	346	348	19.7	26	25.0	126.93	77.09	115

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 27

[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Diazinon-d10, surrogate, Schedule 2003, water, filtered, percent recovery (99994)	Toluene-d8, surrogate, Schedule 2090, water, unfiltered, percent recovery; (99833)	Number of tentatively identified compounds (TICS) from VOC analysis by GCMS, number (99871)	Sampler type (84164)	Sampling method (82398)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Hardness, water, mg/L as CaCO ₃ (00900)
08-15-2011	1715	98.8	87.50	1	Sbmrsl pos pressure	Submersible pump	225	110

WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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)	Chloride, water, filtered, mg/L (00940)
08-15-2011	1715	30.6	8.19	4.64	13.7	44	54	.0244	60.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Fluoride, water, filtered, mg/L (00950)	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)	Nitrate, water, filtered, mg/L as N (00618)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L (00660)	Orthophosphate, water, filtered, mg/L as P (00671)
08-15-2011	1715	<.04	21.7	16.0	.0377	1.53	1.52	.00517	.026	.0084

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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)
08-15-2011	1715	1.51	< 1.7	126	< .006	< .016	.584	1.09	< .5	155

WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Lead, water, filtered, µg/L (01049)	Lithium, water, filtered, µg/L (01130)	Manganese, water, filtered, µg/L (01056)	Molybdenum, 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)
08-15-2011	1715	< .015	2.26	103	.659	2.16	< .005	121	< .010	.115

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Zinc, water, filtered, µg/L (01090)	Antimony, water, filtered, µg/L (01095)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1,2,3-Trichloropropane, water, unfiltered, recoverable, µg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, µg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, µg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, µg/L (32103)
08-15-2011	1715	< 1.4	< .027	.034	< 3	.202	< .12	< .4	< .028	< .08

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WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	1,2-Dichloro-propane, water, unfiltered, recoverable,	1,3-Di-chloro-propane, water, unfiltered, recoverable,	1,4-Dichloro-benzene, water, unfiltered, recoverable,	1-Naphthol, water, (0.7 micron glass fiber filter), recoverable,	2,6-Diethyl-aniline, water, (0.7 micron glass fiber filter), recoverable,	2-Chloro-2',6'-diethyl-acetanil-ide, water, filtered, recoverable,	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable,	2-Ethyl-6-methyl-aniline, water, filtered, recoverable,	3,4-Dichloro-aniline, water, filtered, recoverable,
		µg/L (34541)	µg/L (77173)	µg/L (34571)	µg/L (49295)	µg/L (82660)	µg/L (61618)	µg/L (04040)	µg/L (61620)	µg/L (61625)
08-15-2011	1715	< .026	< .06	< .026	< .036	< .0060	< .010	E .0086	< .010	< .0042

WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	3,5-Di-chloro-aniline, water, filtered, recoverable,	3-Chloro-propene, water, unfiltered, recoverable,	4-Chloro-2-methyl-phenol, water, filtered, recoverable,	Aceto-chlor, water, filtered, recoverable,	Acrylo-nitrile, water, unfiltered, recoverable,	Alachlor, water, filtered, recoverable,	alpha-Endo-sulfan, water, filtered, recoverable,	Atrazine, water, filtered, recoverable,	Azinphos-methyl oxygen analog, water, filtered, recoverable,
		µg/L (61627)	µg/L (78109)	µg/L (61633)	µg/L (49260)	µg/L (34215)	µg/L (46342)	µg/L (34362)	µg/L (39632)	µg/L (61635)
08-15-2011	1715	< .0040	< .08	< .0046	< .010	< .8	< .008	< .006	< .008	< .042

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WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)
08-15-2011	1715	< .12	< .014	< .2	< .06	< .060	< .08	< .06	< .0036

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82687)	cis-Propiconazole, water, filtered, recoverable, μg/L (79846)	Cyanazine, water, filtered, recoverable, μg/L (04041)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	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)
08-15-2011	1715	< .1	< .010	< .008	< .022	< .016	< .020	< .0076	< .029	< .012

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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)	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)
08-15-2011	1715	< .0060	< .04	< .08	< .008	< .006	< .014	< .040	< .016	< .0056

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)
08-15-2011	1715	< .021	< .008	< .016	< .054	< .08	< .030	< .012	< .024	< .018

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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)	Metalaxyl, water, filtered, recoverable, µg/L (61596)
08-15-2011	1715	< .0048	< .008	< .26	< .014	< .006	< .010	< .022	< .016	< .014

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Methidathion, water, filtered, recoverable,	Methyl paraoxon, water, filtered, recoverable,	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable,	Metolachlor, water, filtered, recoverable,	Metribuzin, water, filtered, recoverable,	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable,	Myclobutanil, water, filtered, recoverable,	Oxyfluorfen, water, filtered, recoverable,	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable,
		µg/L (61598)	µg/L (61664)	µg/L (82667)	µg/L (39415)	µg/L (82630)	µg/L (82671)	µg/L (61599)	µg/L (61600)	µg/L (82683)
08-15-2011	1715	< .012	< .014	< .008	.0065	< .012	< .0040	< .010	< .006	< .012

WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Phorate oxygen analog, water, filtered, recoverable,	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable,	Phosmet oxygen analog, water, filtered, recoverable,	Phosmet, water, filtered, recoverable,	Prometon, water, filtered, recoverable,	Prometryn, water, filtered, recoverable,	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable,	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable,	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable,
		µg/L (61666)	µg/L (82664)	µg/L (61668)	µg/L (61601)	µg/L (04037)	µg/L (04036)	µg/L (82679)	µg/L (82685)	µg/L (82676)
08-15-2011	1715	< .027	< .020	< .0511	< .14	< .012	< .006	< .010	< .020	< .0036

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Simazine, water, filtered, recoverable, µg/L (04035)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Tefluthrin, water, filtered, recoverable, µg/L (61606)	Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675)	Terbuthyl-azine, water, filtered, recoverable, µg/L (04022)	Thioben-carb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82681)	trans-1,3-Dichloro-propene, water, unfiltered, recoverable, µg/L (34699)	trans-Propicon-azole, water, filtered, recoverable, µg/L (79847)
08-15-2011	1715	< .006	< .028	< .010	< .045	< .018	< .0060	< .016	< .14	< .010

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Tribuphos, water, filtered, recoverable, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661)	1,1,1,2-Tetra-chloro-ethane, water, unfiltered, recoverable, µg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, µg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, µg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, µg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, µg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, µg/L (34496)	1,1-Di-chloro-ethene, water, unfiltered, recoverable, µg/L (34501)
08-15-2011	1715	< .018	< .018	< .04	< .03	< .14	< .034	< .028	< .044	< .022

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WATER-QUALITY DATA

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	1,1-Di-chloro-propene, water, unfiltered, recoverable, µg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536)	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226)
08-15-2011	1715	< .04	< .1	< .08	< .06	< .06	< .08	< .032	< .028	< .032

WATER-QUALITY DATA

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170)	2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220)	4-Chloro-toluene, water, unfiltered, recoverable, µg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, µg/L (77356)	Acetone, water, unfiltered, recoverable, µg/L (81552)	Benzene, water, unfiltered, recoverable, µg/L (34030)	Bromo-benzene, water, unfiltered, recoverable, µg/L (81555)
08-15-2011	1715	< .024	< .06	< .028	< .032	< .042	< .06	2.65	< .026	< .022

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Bromo-chloro-methane, water, unfiltered, recoverable, µg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, µg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, µg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, µg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, µg/L (34311)	Chloro-methane, water, unfiltered, recoverable, µg/L (34418)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, µg/L (77093)	Dibromo-chloro-methane, water, unfiltered, recoverable, µg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, µg/L (30217)
08-15-2011	1715	< .06	< .034	< .12	< .026	< .06	< .14	< .022	< .12	< .05

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Dichloro-difluoromethane, water, unfiltered, recoverable, µg/L (34668)	Dichloromethane, water, unfiltered, recoverable, µg/L (34423)	Diethyl ether, water, unfiltered, recoverable, µg/L (81576)	Diisopropyl ether, water, unfiltered, recoverable, µg/L (81577)	Ethyl methacrylate, water, unfiltered, recoverable, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595)	Ethylbenzene, water, unfiltered, recoverable, µg/L (34371)	Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702)	Hexachloroethane, water, unfiltered, recoverable, µg/L (34396)
08-15-2011	1715	< .1	< .04	< .1	< .06	< .2	< 1.6	< .036	< .08	< .22

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)	Methyl acrylate, water, unfiltered, recoverable, µg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, µg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, µg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005)	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)
08-15-2011	1715	< .32	< .042	< .8	< .26	< .22	< .1	< .06	< .08	< .18

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	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)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)
08-15-2011	1715	< .4	< .08	< .036	< .032	< .034	< .042	< .032	< .06	< .026

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Tetra-chloro-methane, water, unfiltered, recoverable, µg/L (32102)	Tetra-hydro-furan, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, µg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, µg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, µg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, µg/L (32106)
08-15-2011	1715	< .06	< 1.4	< .018	< .018	< .36	< .1	< .022	< .06	.0871

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[%, percent; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; GCMS, gas chromatography/mass spectrometry; LED, light-emitting diode; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; VOC, volatile organic compounds; ft, feet; 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; E, estimated]

Date	Sample start time	Trihalomet hanes, water, unfiltered, minimum summation, micrograms per liter (90851)	Vinyl chloride, water, unfiltered, recoverable, µg/L (39175)	Uranium (natural), water, filtered, µg/L (22703)
08-15-2011	1715	.1	< .06	.0925