

Water-Data Report 2011

344922077484705 Local number DU-128, NCDENR CHINQUAPIN RESEARCH STATION W29D5 AT CHINQUAPIN, NC

Castle Hayne aquifer
Castle Hayne Limestone

Duplin County, NC

LOCATION.--Lat 34°49'22", long 77°48'47" referenced to North American Datum of 1927, Duplin County, NC, Hydrologic Unit 03030007, .13 mi west of North Carolina Highway 50 and .46 mi south of Chinquapin. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 130 ft. Upper casing diameter 4 in; top of first opening 100 ft, bottom of last opening 130 ft.

DATUM.--Land-surface datum is 42.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: 0.65 ft below land-surface datum, October 19, 2005, to present.

PERIOD OF RECORD.--January 1980 to July 1981, August 1986 to November 1987, August 2003 to current year.

GAGE.--Measured periodically with steel and electric tape.

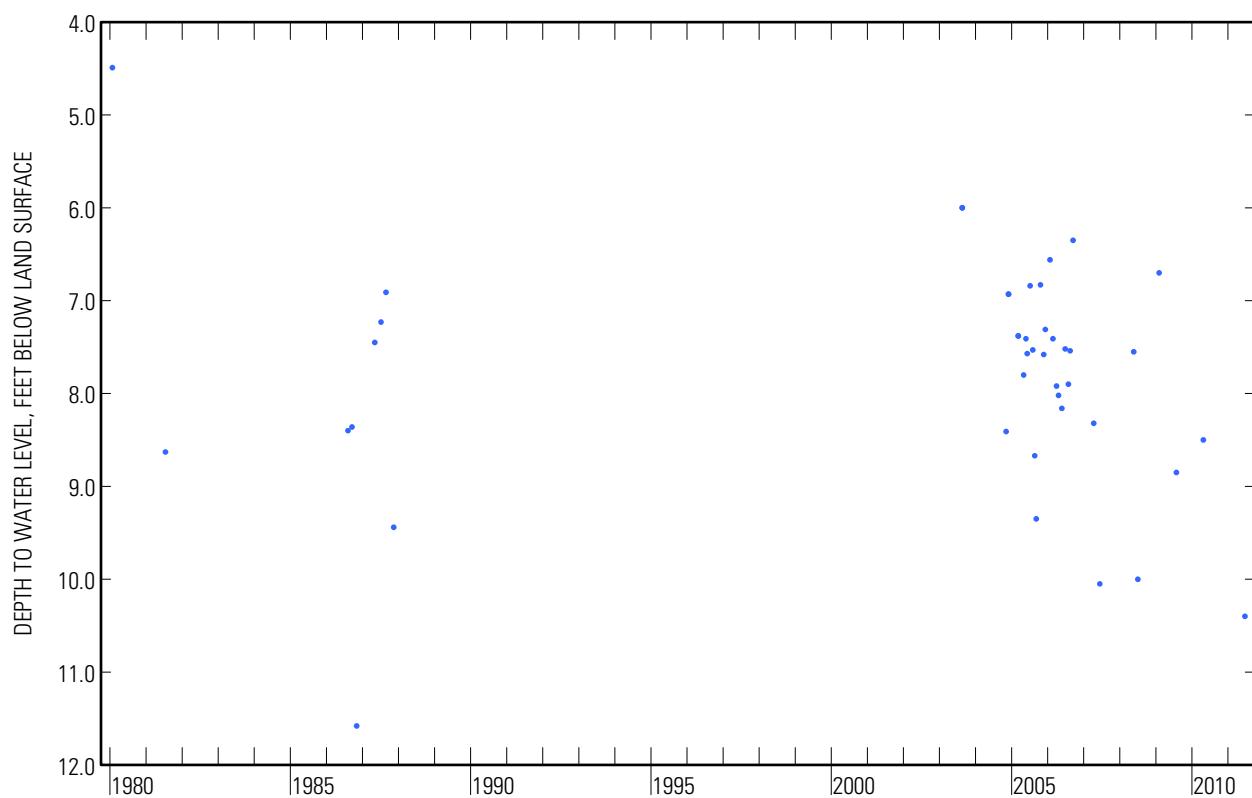
REMARKS.--Well measured as part of the National Water Quality Assessment (NAWQA) program.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.49 ft below land-surface datum, January 24, 1980; lowest water level measured, 11.58 ft below land-surface datum, November 3, 1986.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Jun 21, 2011	10.40

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2003, 2005, 2007, 2009, 2011.

REMARKS.--Well is sampled as part of the National Water-Quality Assessment (NAWQA) Program.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 25

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Tempera-ture, air, °C (00020)	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)
06-21-2011	1330	Groundwater	Replicate	763	28.5	10.40	.9	10
06-21-2011	1331	QC sample - Groundwater	Replicate	--	--	--	--	--
06-21-2011	1332	QC sample - Groundwater	Spike	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 25

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Turbidity, water, unfiltered, broad band light source						Dissolved solids dried at 180 °C, water, filtered, mg/L	Hardness, water, mg/L as CaCO ₃	Calcium, water, filtered, mg/L
		pH, water, unfiltered, field, standard	Specific conduc-tance, water, unfiltered, field, standard	Tempera-ture, water, °C	multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Water level, depth below measuring point, feet	(70300)			
06-21-2011	1330	7.2	342	18.7	8.8	9.75	228	166	63.8	
06-21-2011	1331	--	--	--	--	--	212	164	63.1	
06-21-2011	1332	--	--	--	--	--	--	--	--	

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Magne-	Potassium,	Sodium,	Alkalinity,	Bicarbonate,	Chloride,	Fluoride,
		sium, water, filtered, mg/L (00925)	water, filtered, mg/L (00935)	water, filtered, mg/L (00930)	water, filtered, mg/L as CaCO ₃ (39086)	water, field, mg/L as CaCO ₃ (00453)	water, filtered, mg/L (71870)	water, filtered, mg/L (00950)
06-21-2011	1330	1.66	1.46	2.00	163	199	.01	5.72
06-21-2011	1331	1.66	1.43	2.04	--	--	.01	5.72
06-21-2011	1332	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	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)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, µg/L (01106)
06-21-2011	1330	27.8	.34	.192	<.02	<.001	.031	.21	<1.7
06-21-2011	1331	27.7	.33	.194	<.02	<.001	.029	.22	1.9
06-21-2011	1332	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	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)	Lithium, water, filtered, µg/L (01130)
06-21-2011	1330	1	<.01	<.02	.11	.10	<.50	1,210	<.01	1.7
06-21-2011	1331	1	<.01	<.02	.13	.07	<.50	1,400	.02	1.7
06-21-2011	1332	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Manganese, water, filtered, µg/L (01056)	Molybdenum, water, filtered, µg/L (01060)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01075)	Strontrium, 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)
06-21-2011	1330	76.6	.35	.72	<.01	105	<.01	.09	<1.4	<.03
06-21-2011	1331	78.5	.35	.73	<.01	105	<.01	.09	<1.4	<.03
06-21-2011	1332	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	1,2-		1,2,3-Tri-chloro-propane, water, unfiltered, recoverable, µg/L (77443)		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)		1,2-Dichloropropane, water, unfiltered, recoverable, µg/L (34541)		1,3-Dichloropropane, water, unfiltered, recoverable, µg/L (77173)	
		Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	unfiltered, recoverable, µg/L (77443)	unfiltered, recoverable, µg/L (82625)	unfiltered, recoverable, µg/L (77651)	unfiltered, recoverable, µg/L (32103)	unfiltered, recoverable, µg/L (34541)	unfiltered, recoverable, µg/L (77173)					
06-21-2011	1330	1.7	7	<.03	<.12	<.4	<.03	<.1	<.03	<.1					
06-21-2011	1331	1.8	7	<.03	<.12	<.4	<.03	<.1	<.03	<.1					
06-21-2011	1332	--	--	--	.87	2.5	.37	.6	.25	.6					

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	2,6-							
		1-Naphthol, 1,4-water, Dichloro- benzene, unfiltered, recover- able,	Diethyl- aniline, water, filtered (0.7 micron glass fiber (49295)	2-Chloro- 2'-6'- diethyl- acetanil- ide, water, recover- able, µg/L (82660)	isopropyl- amino-6- triazine, water, filtered, recover- able, µg/L (61618)	2-Ethyl-6- methyl- aniline, water, filtered, recover- able, µg/L (04040)	3,4-Dichloro- aniline, water, filtered, recover- able, µg/L (61620)	3,5-Dichloro- aniline, water, filtered, recover- able, µg/L (61625)	3-Chloro- propene, water, unfiltered, recover- able, µg/L (78109)
06-21-2011	1330	.01	<.036	<.006	<.010	<.006	<.010	<.004	<.004
06-21-2011	1331	.01	<.036	<.006	<.010	<.006	<.010	<.004	<.004
06-21-2011	1332	.25	--	--	--	--	--	--	E .62

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Azinphos-methyl,							
		4-Chloro-2-methyl-phenol, water, filtered, recover- able,	Aceto-chlor, water, filtered, recover- able,	Acrylo-nitrile, water, unfiltered, recover- able,	Alachlor, water, filtered, recover- able,	alpha-Endo-sulfan, water, filtered, recover- able,	Atrazine, water, filtered, recover- able,	Azinphos-analog, water, filtered, recover- able,	Azinphos-methyl, water, filtered, recover- able,
06-21-2011	1330	<.005	<.010	<.8	<.008	<.006	<.008	<.04	<.120
06-21-2011	1331	<.005	<.010	<.8	<.008	<.006	<.008	<.04	<.120
06-21-2011	1332	--	--	6	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Carbaryl, Bromo-methane, water, unfiltered, recover- able, µg/L (34413)	water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82680)	Carbofuran, water, (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Chlorpyrifos Carbon disulfide, water, unfiltered, recoverable, µg/L (77041)	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	cis-1,3-Di-chloro-propene, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (38933)	Permethrin, water, unfiltered, recover- able, µg/L (34704)	cis- Permethyl- rin, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (82687)
06-21-2011	1330	< .2	< .060	< .060	.02	< .06	< .004	< .10	< .010
06-21-2011	1331	< .2	< .060	< .060	< .08	< .06	< .004	< .10	< .010
06-21-2011	1332	E 1.5	--	--	.28	--	--	.59	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	cis-Propiconazole, water, filtered, recover- able, µg/L (79846)	Cyanazine, water, filtered, recover- able, µg/L (04041)	Cyfluthrin, water, filtered, recover- able, µg/L (61585)	Cypermethrin, water, filtered, recover- able, µg/L (61586)	(0.7 micron glass fiber filter), recover- able, µg/L (82682)	Desulfinyl-fipronil, water, filtered, recover- able, µg/L (62169)	Desulfinyl-fipronil, water, filtered, recover- able, µg/L (62170)	Diazinon, water, filtered, recover- able, µg/L (39572)	Dichlorvos, water, filtered, recover- able, µg/L (38775)
06-21-2011	1330	< .008	< .022	< .016	< .020	< .008	< .029	< .012	< .006	< .04
06-21-2011	1331	< .008	< .022	< .016	< .020	< .008	< .029	< .012	< .006	< .04
06-21-2011	1332	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Dicroto-phos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dimetho-ate, water, filtered Disulfoton, sulfone, glass fiber filter), recoverable, µg/L (82662)	Disulfoton, sulfone, water, filtered, recoverable, µg/L (61640)	Endosulfan, sulfate, glass fiber filter), recoverable, µg/L (82677)	filtered Endosulfan, sulfate, glass fiber filter), recoverable, µg/L (61590)	EPTC, water, monoxon, water, filtered, recoverable, µg/L (82668)	Ethion, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)
06-21-2011	1330	<.08	<.008	<.006	<.01	<.04	<.016	<.006	<.02	<.008
06-21-2011	1331	<.08	<.008	<.006	<.01	<.04	<.016	<.006	<.02	<.008
06-21-2011	1332	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fenami-phos sulfone, water, filtered, recoverable, µg/L (61645)	Fenami-phos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenami-phos, 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)	Fonofos, water, filtered, recoverable, µg/L (04095)	Hexazinone, water, filtered, recoverable, µg/L (04025)
06-21-2011	1330	<.016	<.054	<.08	<.03	<.012	<.024	<.018	<.005	<.008
06-21-2011	1331	<.016	<.054	<.08	<.03	<.012	<.024	<.018	<.005	<.008
06-21-2011	1332	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Iodo-methane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofen-phos, water, filtered, recoverable, µg/L (61594)	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)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)
06-21-2011	1330	<.26	<.014	<.006	<.010	<.022	<.016	<.014	<.012	<.01
06-21-2011	1331	<.26	<.014	<.006	<.010	<.022	<.016	<.014	<.012	<.01
06-21-2011	1332	E .94	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	Molinate, water, (0.7 micron glass fiber filter), recoverable, µg/L (82671)	Myclobutanil, water, filtered, recoverable, µg/L (61599)	Oxyfluorfen, water, filtered, recoverable, µg/L (61600)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)
06-21-2011	1330	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03	<.020
06-21-2011	1331	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03	<.020
06-21-2011	1332	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Phosmet		Propanil		Propargite		Propyzamide,		Tebuthiuron,	
		water, oxygen analog, water, filtered, recoverable, µg/L (61668)	water, filtered, recoverable, µg/L (61601)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	(0.7 micron glass fiber filter), recoverable, µg/L (82679)	(0.7 micron glass fiber filter), recoverable, µg/L (82685)	(0.7 micron glass fiber filter), recoverable, µg/L (82676)	Simazine, water, filtered, recoverable, µg/L (04035)	(0.7 micron glass fiber filter), recoverable, µg/L (82670)	
06-21-2011	1330	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	<.03	
06-21-2011	1331	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	<.03	
06-21-2011	1332	--	--	--	--	--	--	--	--	--	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Terbufos		Terbufos		Thiobencarb,		Thiobencarb,		Trifluralin,	
		water, oxygen analog, sulfone, water, filtered, recoverable, µg/L (61606)	water, filtered, recoverable, µg/L (61674)	(0.7 micron glass fiber filter), recoverable, µg/L (82675)	Terbutylazine, water, filtered, recoverable, µg/L (04022)	(0.7 micron glass fiber filter), recoverable, µg/L (82681)	trans-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34699)	trans-Propiconazole, water, recoverable, µg/L (79847)	Dichlorophen, water, filtered, recoverable, µg/L (61610)	Tribuphos, water, filtered, recoverable, µg/L (82661)	
06-21-2011	1330	<.010	<.04	<.02	<.01	<.016	<.14	<.01	<.018	<.018	
06-21-2011	1331	<.010	<.04	<.02	<.01	<.016	<.14	<.01	<.018	<.018	
06-21-2011	1332	--	--	--	--	--	.80	--	--	--	

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	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-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)	1,1-Di-chloro-propene, water, unfiltered, recoverable, µg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999)
06-21-2011	1330	<.04	<.03	<.14	<.03	<.03	<.04	<.02	<.04	<.1
06-21-2011	1331	<.04	<.03	<.14	<.03	<.03	<.04	<.02	<.04	<.1
06-21-2011	1332	.31	.24	.73	.39	.35	.27	.22	.20	.6

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	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)	1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170)
06-21-2011	1330	<.080	<.1	<.060	<.1	<.03	<.03	<.03	<.02	<.06
06-21-2011	1331	<.080	<.1	<.060	<.1	<.03	<.03	<.03	<.02	<.06
06-21-2011	1332	.634	.4	.458	.6	.28	.23	.26	.22	.41

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	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)	Bromobenzene, water, unfiltered, recoverable, µg/L (81555)	Bromo-chloromethane, water, unfiltered, recoverable, µg/L (77297)	Bromo-dichloromethane, water, unfiltered, recoverable, µg/L (32101)
06-21-2011	1330	< .03	< .03	< .04	< .06	< 3	< .03	< .02	< .06	< .03
06-21-2011	1331	< .03	< .03	< .04	< .06	< 3	< .03	< .02	< .06	< .03
06-21-2011	1332	.25	.26	.27	.44	25	.22	.21	.45	.37

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	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)	chloro-ethene, water, unfiltered, recoverable, µg/L (77093)	chloro-methane, water, unfiltered, recoverable, µg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, µg/L (30217)	Dibromo-methane, water, unfiltered, recoverable, µg/L (34668)	Dichloro-difluoromethane, water, unfiltered, recoverable, µg/L (34423)
06-21-2011	1330	< .1	< .03	< .1	< .140	< .02	< .1	< .05	< .10	< .04
06-21-2011	1331	< .1	< .03	< .1	< .140	< .02	< .1	< .05	< .10	< .04
06-21-2011	1332	.9	.21	.5	E.984	.26	.9	.36	E.62	.36

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Diethyl ether, water, unfiltered, recoverable, µg/L (81576)	Ethyl propyl ether, water, unfiltered, recoverable, µg/L (81577)	Ethyl methacrylate, water, unfiltered, recoverable, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595)	Ethyl benzene, water, unfiltered, recoverable, µg/L (34371)	Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702)	Hexachloroethane, water, unfiltered, recoverable, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)
06-21-2011	1330	<.1	<.06	<.2	<1.6	<.04	<.1	<.2	<.3	<.04
06-21-2011	1331	<.1	<.06	<.2	<1.6	<.04	<.1	<.2	<.3	<.04
06-21-2011	1332	.4	.40	1.3	9.3	.25	.4	1.0	2.6	.24

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	Methyl acrylate, water, unfiltered, recoverable, µg/L (49991)	Methyl acrylo-nitrile, 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 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)	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, µg/L (77342)
06-21-2011	1330	<.8	<.3	<.2	<.10	<.06	<.08	<.2	<.4	<.1
06-21-2011	1331	<.8	<.3	<.2	<.10	<.06	<.08	<.2	<.4	<.1
06-21-2011	1332	4.7	2.2	2.1	.57	.38	.62	1.2	3.7	.6

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	n-Propyl-benzene, water, unfiltered, recoverable, µg/L (77224)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	sec-Butyl-benzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butyl benzene, water, unfiltered, recoverable, µg/L (77353)	Tetra-chloro-ethene, water, unfiltered, recoverable, µg/L (34475)	Tetra-chloro-methane, water, unfiltered, recoverable, µg/L (32102)	Tetra-hydro-furan, water, unfiltered, recoverable, µg/L (81607)
06-21-2011	1330	<.04	<.03	<.03	<.04	<.03	<.06	<.03	<.06	<1
06-21-2011	1331	<.04	<.03	<.03	<.04	<.03	<.06	<.03	<.06	<1
06-21-2011	1332	.26	.24	.27	.25	.31	.45	.25	.38	9

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; 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; --, no data; <, less than; E, estimated]

Date	Sample start time	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, µg/L (34010)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (34546)	Tribromo-methane, water, unfiltered, recoverable, µg/L (73547)	Trichloro-ethene, water, unfiltered, recoverable, µg/L (32104)	Trichloro-methane, water, unfiltered, recoverable, µg/L (39180)	fluoro-methane, water, unfiltered, recoverable, µg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, µg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, µg/L (39175)	Uranium (natural), water, filtered, µg/L (22703)
06-21-2011	1330	.02	<.02	<.4	<.10	<.02	<.06	<.03	<.1	.22
06-21-2011	1331	.02	<.02	<.4	<.10	<.02	<.06	<.03	<.1	.22
06-21-2011	1332	.24	.22	4.5	E .88	.22	.49	.24	.4	--