



Water-Data Report 2011

**395248084491600 Local number AG-6**

Sand and gravel aquifers (glaciated regions)  
Till

Wayne County, IN

LOCATION.--Lat 39°52'48.6", long 84°49'16.0" referenced to North American Datum of 1983, Wayne County, IN, Hydrologic Unit 05080003,

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 18 ft. Upper casing diameter 2 in; top of first opening 13.5 ft, bottom of last opening 18.5 ft. Monitoring well.

DATUM.--Land-surface datum is 1,068 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF PVC CASING, 0.00 ft above land-surface datum, Dec. 15, 1999, to present.

PERIOD OF RECORD.--Periodic water-level measurements from August 16, 2000 to current year.

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, 1.81 ft below land-surface datum, July 28, 2005; lowest measured, 3.88 ft below land-surface datum, Aug. 16, 2000.

**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 28	3.52	V	--

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water-quality data from Dec. 15, 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 20

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

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)
07-28-2011	739	30.0	3.6	7.7	8.0	573	589	19.4	3.8

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

Part 2 of 20

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

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 <sub>3</sub> (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)
07-28-2011	347	54.0	24.4	1.35	29.4	191	231	.04	1.0

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

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 <sub>2</sub> (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)
07-28-2011	2.91	2.19	U	14.7	92.9	.210	.02	.001	.012

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

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)
07-28-2011	.27	8.5	53	<.01	.30	.09	.18	<.50	5	<.01

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

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)
07-28-2011	11.8	56.4	125	1.0	.03	21,700	.02	.85	< 1.4	.48

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1- Naphthol, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49295)	2,4-D methyl ester, water, filtered, recover- able, µg/L (50470)	2,4-D, water, filtered, recover- able, µg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38746)	2,6- Diethyl- aniline, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82660)	2-Chloro- 2',6'- diethyl- acetanil- ide, water, filtered, recover- able, µg/L (61618)	2-Chloro-4- isopropyl- amino-6- amino-s- triazine, water, filtered, recover- able, µg/L (04040)
07-28-2011	16.9	226	.06	< .036	< .200	< .06	< .02	< .006	< .010	< .006

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	2-Chloro-6- ethyl- amino-4- amino-s- triazine, water, filtered, recover- able, µg/L (04038)	2-Ethyl-6- methyl- aniline, water, filtered, recover- able, µg/L (61620)	2-Hydroxy- 4-iso- propyl- amino-6- ethyl- amino-s- triazine, water, filtered, recover- able, µg/L (50355)	3,4- Dichloro- aniline, water, filtered, recover- able, µg/L (61625)	3,5-Di- chloro- aniline, water, filtered, recover- able, µg/L (61627)	3-Hydroxy carbo- furan, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49308)	4-Chloro-2- methyl- phenol, water, filtered, recover- able, µg/L (61633)	Acetofluor- fen, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49260)	Acetofluor- fen, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49315)	Alachlor, water, filtered, recover- able, µg/L (46342)
07-28-2011	< .06	< .010	< .060	< .004	< .004	< .040	< .005	< .010	< .040	< .008

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**WATER-QUALITY DATA**  
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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49312)	alpha-Endo-sulfan, water, filtered, recoverable, µg/L (34362)	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	Bendio-carb, water, filtered, recoverable, µg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Benomyl, water, filtered, recoverable, µg/L (50300)
07-28-2011	< .08	< .060	< .12	< .006	< .008	< .04	< .120	< .04	< .014	< .060

**WATER-QUALITY DATA**  
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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Ben-sulfuron-methyl, water, filtered, recoverable, µg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38711)	Bromacil, water, filtered, recoverable, µg/L (04029)	Brom-oxynil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	Carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Chlor-amben methyl ester, water, filtered, recoverable, µg/L (61188)	Chlori-muron-ethyl, water, filtered, recoverable, µg/L (50306)
07-28-2011	< .06	< .06	< .06	< .12	< .04	< .060	< .040	< .060	< .10	< .080

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Chlorpyrifos	Chlorpyrifos,	cis-Permethrin, water,	cis-Propiconazole,	Clopyralid, water,	Cyanazine,	Cycloate,	Cyfluthrin,	Cypermethrin,	Dacthal monoacid, water,
	oxygen analog, water, filtered, recoverable,	water, filtered, recoverable,	(0.7 micron glass fiber filter), recoverable,	water, filtered, recoverable,	(0.7 micron glass fiber filter), recoverable,	water, filtered, recoverable,	water, filtered, recoverable,	water, filtered, recoverable,	water, filtered, recoverable,	(0.7 micron glass fiber filter), recoverable,
	µg/L (61636)	µg/L (38933)	µg/L (82687)	µg/L (79846)	µg/L (49305)	µg/L (04041)	µg/L (04031)	µg/L (61585)	µg/L (61586)	µg/L (49304)
07-28-2011	< .06	< .004	< .010	< .008	< .06	< .022	< .04	< .016	< .020	< .04

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable,	Desulfinyl-fipronil amide, water, filtered, recoverable,	Desulfinyl-fipronil, water, filtered, recoverable,	Diazinon, water, filtered, recoverable,	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable,	Dichlor-prop, water, filtered (0.7 micron glass fiber filter), recoverable,	Dichlorvos, water, filtered, recoverable,	Dicrotophos, water, filtered, recoverable,	Dieldrin, water, filtered, recoverable,	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable,
	µg/L (82682)	µg/L (62169)	µg/L (62170)	µg/L (39572)	µg/L (38442)	µg/L (49302)	µg/L (38775)	µg/L (38454)	µg/L (39381)	µg/L (82662)
07-28-2011	< .008	< .029	< .012	< .006	< .04	< .04	< .04	< .08	< .008	< .006

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49301)	Di- phenamid, water, filtered, recover- able, µg/L (04033)	Disulfoton sulfone, water, filtered, recover- able, µg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49300)	Endosulfan sulfate, water, filtered, recover- able, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82668)	Ethion monoxon, water, filtered, recover- able, µg/L (61644)	Ethion, water, filtered, recover- able, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82672)
07-28-2011	< .04	< .04	< .01	< .04	< .04	< .016	< .006	< .02	< .008	< .016

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

Part 13 of 20

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Fenami- phos sulfone, water, filtered, recover- able, µg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, µg/L (61646)	Fenami- phos, water, filtered, recover- able, µg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49297)	Fipronil sulfide, water, filtered, recover- able, µg/L (62167)	Fipronil sulfone, water, filtered, recover- able, µg/L (62168)	Fipronil, water, filtered, recover- able, µg/L (62166)	Flumet- sulam, water, filtered, recover- able, µg/L (61694)	Fluome- turon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38811)	Fonofos, water, filtered, recover- able, µg/L (04095)
07-28-2011	< .054	< .08	< .03	< .06	< .012	< .024	< .018	< .06	< .04	< .005

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

Part 14 of 20

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Hexa- zinone, water, filtered, recover- able, µg/L (04025)	Imazaquin, water, filtered, recover- able, µg/L (50356)	Imaze- thapyr, water, filtered, recover- able, µg/L (50407)	Imi- dacloprid, water, filtered, recover- able, µg/L (61695)	Iprodione, water, filtered, recover- able, µg/L (61593)	Isofen- phos, water, filtered, recover- able, µg/L (61594)	lambda- Cyhalo- thrin, water, filtered, recover- able, µg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38478)	Malaoxon, water, filtered, recover- able, µg/L (61652)	Malathion, water, filtered, recover- able, µg/L (39532)
07-28-2011	< .008	< .06	< .06	< .060	< .014	< .006	< .010	< .04	< .022	< .016

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38487)	Metalaxyl, water, filtered, recover- able, µg/L (50359)	Metalaxyl, water, filtered, recover- able, µg/L (61596)	Methida- thion, water, filtered, recover- able, µg/L (61598)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49296)	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)
07-28-2011	< .04	< .20	< .04	< .014	< .012	< .040	< .120	< .01	< .008	< .020

**WATER-QUALITY DATA**  
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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Metri- buzin, water, filtered, recover- able, µg/L (82630)	Metsul- furon- methyl, water, filtered, recover- able, µg/L (61697)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82671)	Myclo- butanil, water, filtered, recover- able, µg/L (61599)	N-(4- Chloro- phenyl)- N'-methyl- urea, water, filtered, recover- able, µg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49294)	Nico- sulfuron, water, filtered, recover- able, µg/L (50364)	Nor- flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38866)
07-28-2011	< .012	< .14	< .004	< .010	< .06	< .02	< .10	< .04	< .04	< .12

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Oxy-fluorfen, water, filtered, recoverable, µg/L (61600)	Pendi-methalin, 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)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49291)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)
07-28-2011	< .006	< .012	< .03	< .020	< .05	< .140	< .12	< .012	< .006	< .010

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49236)	Propicon-azole, water, filtered, recoverable, µg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538)	Propyz-amide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)	Siduron, water, filtered, recoverable, µg/L (38548)	Simazine, water, filtered, recoverable, µg/L (04035)	Sulfo-meturon-methyl, water, filtered, recoverable, µg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Tefluthrin, water, filtered, recoverable, µg/L (61606)
07-28-2011	< .02	< .040	< .04	< .060	< .004	< .04	< .006	< .060	< .03	< .010

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Terbacil, water, filtered, recover- able, µg/L (04032)	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- Propicon- azole, water, filtered, recover- able, µg/L (79847)	Tribuphos, water, filtered, recover- able, µg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49235)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, microgram s per liter as 2,4-D (66496)
07-28-2011	<.040	<.04	<.02	<.01	<.016	<.01	<.018	<.08	<.018	<.06

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

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[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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; U, analyzed for but not detected]

Date	Caffeine, water, filtered, recover- able, µg/L (50305)	Uranium (natural), water, filtered, µg/L (22703)
07-28-2011	<.080	1.32