



Water-Data Report 2010

403628111514301 Local number (D- 2- 1)32abb- 1

Basin and Range basin-fill aquifers

Valley Fill

Salt Lake County, UT

LOCATION.--Lat 40°36'27.88", long 111°51'42.96" referenced to North American Datum of 1983, in NW ¼ NW ¼ NE ¼ sec.32, T.2 S., R.1 E., Salt Lake County, UT, Hydrologic Unit 16020204.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 73.5 ft. Upper casing diameter 2.00 in; top of first opening 63 ft, bottom of last opening 73 ft.

DATUM.--Land-surface datum is 4,499 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pvc casing, 0.3 ft below land-surface datum, June 10, 1999, to present.

PERIOD OF RECORD.--Feb 2004 to current year.

REMARKS.--Records good.

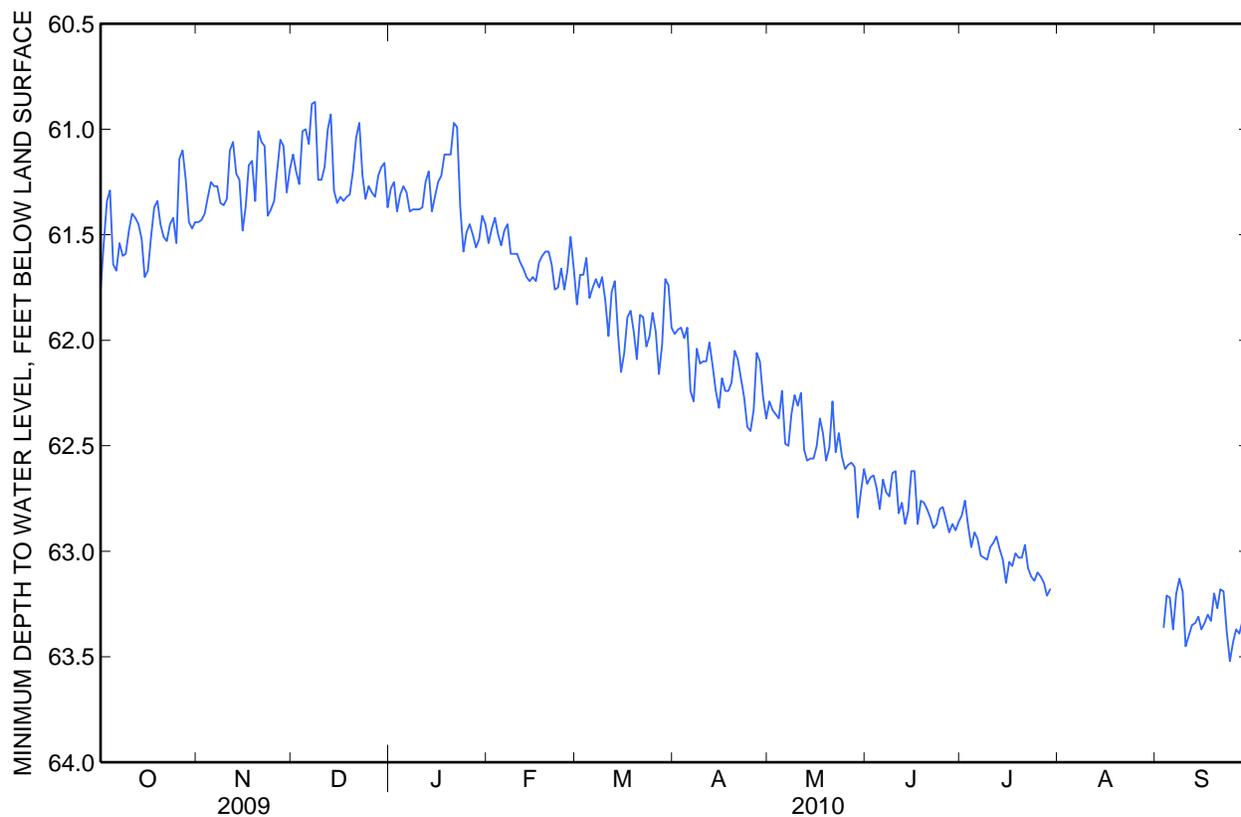
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.88 ft below land-surface datum, Nov 14, 2006; lowest water level recorded: 63.67 ft below land-surface datum, Aug 23, 2010.

EXTREMES OUTSIDE PERIOD OF RECORD.--Highest water level observed, 57.14 ft below land-surface datum, Nov 29, 1999

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MINIMUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5	61.64	61.25	61.00	61.27	61.55	61.80	61.94	62.24	62.80	62.91	---	63.22
10	61.48	61.33	61.24	61.38	61.59	61.81	62.10	62.31	62.62	62.98	---	63.45
15	61.70	61.48	61.35	61.32	61.70	62.15	62.32	62.56	62.62	63.15	---	63.37
20	61.45	61.01	61.20	61.12	61.58	62.09	62.05	62.51	62.80	63.03	---	63.27
25	61.54	61.34	61.27	61.49	61.76	61.87	62.43	62.61	62.79	63.10	---	63.43
Eom	61.44	61.19	61.37	61.45	61.66	61.94	62.37	62.61	62.86	---	---	63.34

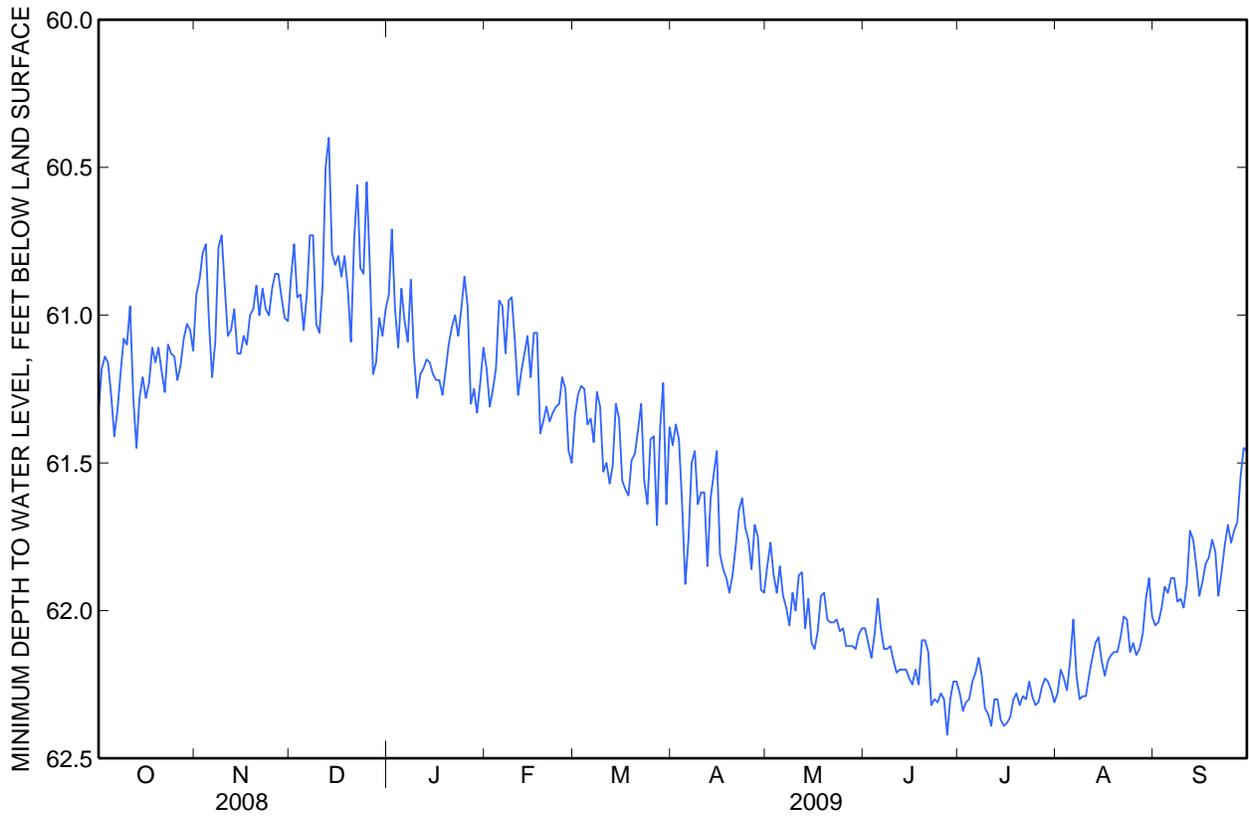
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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MINIMUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5	61.27	61.02	61.05	60.91	60.95	61.37	61.91	61.85	61.96	62.24	62.17	61.94
10	61.10	60.90	61.06	61.28	61.09	61.53	61.60	62.00	62.17	62.35	62.29	61.99
15	61.21	61.13	60.83	61.20	61.21	61.35	61.46	62.11	62.23	62.39	62.17	61.95
20	61.11	60.90	61.09	61.10	61.31	61.47	61.88	62.03	62.10	62.32	62.14	61.80
25	61.14	60.91	60.55	60.87	61.21	61.42	61.76	62.06	62.28	62.32	62.11	61.77
Eom	61.12	61.02	60.98	61.11	61.50	61.38	61.94	62.06	62.24	62.31	62.02	61.46

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403628111514301 Local number (D-2-1)32abb-1—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1999 to 2001, 2003 to 2004, 2006, 2008, 2010.

REMARKS.--National Water-Quality Assessment program (NAWQA).

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 1 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Flow rate, instantaneous, gallons per minute (00059)	pH, water, unfiltered, field, standard units (00400)	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)
09-02-2010	652	29.0	63.87	5.3	.14	6.9	1,330	20.5	5.9

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 2 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; 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 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)
09-02-2010	860	173	51.8	8.53	48.1	522	636	.23	76.2

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 3 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)
09-02-2010	.67	U	27.3	66.8	< .020	10.4	< .002	.036	10.9

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 4 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	Lithium, water, filtered, μg/L (01130)
09-02-2010	E 2.7	199	E .01	.08	2.4	.74	3.3	18	.07	51.3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 5 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	Arsenic, water, filtered, μg/L (01000)
09-02-2010	1.0	4.5	3.8	M	696	< .02	1.0	< 2.8	.36	1.4

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 6 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Boron, water, filtered, μg/L (01020)	Selenium, water, filtered, μg/L (01145)	1,2,3-Tri chloro propane, water, unfiltered, recover able, μg/L (77443)	1,2- Dibromo-3- chloro propane, water, unfiltered, recover able, μg/L (82625)	1,2- Dibromo ethane, water, unfiltered, recover able, μg/L (77651)	1,2-Di chloro ethane, water, unfiltered, recover able, μg/L (32103)	1,2- Dichloro propane, water, unfiltered, recover able, μg/L (34541)	1,3-Di chloro propane, water, unfiltered, recover able, μg/L (77173)	1,4- Dichloro benzene, water, unfiltered, recover able, μg/L (34571)	1- Naphthol, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49295)
										1,4- Dichloro benzene, water, unfiltered, recover able, μg/L (34571)
09-02-2010	233	1.1	< .12	< .3	< .05	< .1	< .03	< .1	< .03	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 7 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	2,4-D methyl ester, water, filtered, recover able, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, microgram s per liter as 2,4-D (66496)	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)	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)
										2-Ethyl-6- methyl aniline, water, filtered, recover able, μg/L (61620)
09-02-2010	< .200	< .06	< .06	< .02	< .006	< .010	E .007	< .06	< .010	< .060

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 8 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	3,4-Dichloro aniline, water, filtered, recoverable, μg/L (61625)	3,5-Di chloro aniline, water, filtered, recoverable, μg/L (61627)	3-Chloro propene, water, unfiltered, recoverable, μg/L (78109)	3-Hydroxy carbo furan, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)	4-Chloro-2-methyl phenol, water, filtered, recoverable, μg/L (61633)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Aci fluor fen, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49315)	Acrylo nitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49313)
09-02-2010	E .002	< .003	< .08	< .040	< .003	< .010	< .040	< 0.8	< .008	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	Ben fluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyl, water, filtered, recoverable, μg/L (50300)	Ben sulfuron-methyl, water, filtered, recoverable, μg/L (61693)
09-02-2010	< .060	< .12	< .006	E .007	< .04	< .120	< .04	< .014	< .060	< .06

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 10 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Bentazon, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38711)	Bromacil, water, filtered, recover able, μg/L (04029)	Bromo methane, water, unfiltered, recover able, μg/L (34413)	Brom oxynil, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82680)	Carbo furan, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49309)	Carbo furan, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor amben methyl ester, water, filtered, recover able, μg/L (61188)
09-02-2010	< .06	< .06	< .2	< .12	< .04	< .060	< .040	< .060	< .04	< .10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 11 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Chlori muron- ethyl, water, filtered, recover able, μg/L (50306)	Chlor pyrifos oxygen analog, water, filtered, recover able, μg/L (61636)	Chlor pyrifos, water, filtered, recover able, μg/L (38933)	cis-1,3-Di chloro propene, water, unfiltered, recover able, μg/L (34704)	cis- Permeth rin, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82687)	cis- Propicon azole, water, filtered, recover able, μg/L (79846)	Clopyr alid, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49305)	Cyanazine, water, filtered, recover able, μg/L (04041)	Cycloate, water, filtered, recover able, μg/L (04031)	Cyfluthrin, water, filtered, recover able, μg/L (61585)
09-02-2010	< .080	< .05	< .010	< .10	< .014	< .006	< .06	< .022	< .04	< .016

403628111514301 Local number (D- 2- 1)32abb- 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 12 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Cyper methrin, water, filtered, recoverable, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfynil fipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfynil fipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38442)	Dichlor prop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49302)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicro tophos, water, filtered, recoverable, μg/L (38454)
	09-02-2010	< .020	< .04	< .008	< .029	< .012	< .005	< .04	< .04	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 13 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dimetho ate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49301)	Di phenamid, water, filtered, recoverable, μg/L (04033)	Di sulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endo sulfan 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)
	09-02-2010	< .009	< .006	< .04	< .04	< .01	< .04	< .04	< .014	< .002

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 14 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Ethion, water, filtered, recoverable, μg/L (82346)	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)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49297)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil sulfone, water, filtered, recoverable, μg/L (62168)	Fipronil, water, filtered, recoverable, μg/L (62166)	Flumet sulam, water, filtered, recoverable, μg/L (61694)
	09-02-2010	< .008	< .016	< .053	< .08	< .03	< .06	< .013	< .024	< .018

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 15 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38811)	Fonofos, water, filtered, recoverable, μg/L (04095)	Hexazinone, water, filtered, recoverable, μg/L (04025)	Imazaquin, water, filtered, recoverable, μg/L (50356)	Imazethapyr, water, filtered, recoverable, μg/L (50407)	Imidacloprid, water, filtered, recoverable, μg/L (61695)	Iodometane, 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)
	09-02-2010	< .04	< .004	< .008	< .06	< .06	< .060	< .26	< .014	< .006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38478)	Malaoxon, water, filtered, recoverable, μg/L (61652)	Malathion, water, filtered, recoverable, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38487)	Metalaxyl, water, filtered, recoverable, μg/L (50359)	Metalaxyl, water, filtered, recoverable, μg/L (61596)	Methidathion, water, filtered, recoverable, μg/L (61598)	Methiocarb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49296)
	09-02-2010	< .04	< .080	< .016	< .04	< .20	< .04	< .007	< .006	< .040

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Methyl parathion, water, filtered (0.7 micron glass fiber filter), 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)	Metribuzin , 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)
	09-02-2010	< .01	< .008	< .014	< .012	< .14	< .003	< .010	< .06	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 18 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	Oxy fluorfen, water, filtered, recover able, μg/L (61600)	Pendi methalin, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82683)	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)	Picloram, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49291)
	09-02-2010	< .04	< .04	< .12	< .010	< .012	< .03	< .020	< .05	< .034

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 21 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Tri buphos, water, filtered, recover able, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49235)	Tri fluralin, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82661)	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)
09-02-2010	< .018	< .08	< .018	< .04	< .03	< .14	< .03	< .05	< .04	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	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)
09-02-2010	< .03	< .1	< .1	< .1	< .1	< .1	< .03	< .03	< .03	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 23 of 28

[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	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)
09-02-2010	< .06	< .03	< .03	< .04	< .06	< 3	< .03	< .02	< .06	.23

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Bromo ethene, water, unfiltered, recoverable, μg/L (50002)	Caffeine, water, filtered, recoverable, μg/L (50305)	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)	Di chloro difluoro methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro methane, water, unfiltered, recoverable, μg/L (34423)
09-02-2010	< .1	< .080	< .02	< .1	< .1	< .02	< .1	< .05	< .10	< 0.038

WATER-QUALITY DATA
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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Di iso 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)	Hexa chloro butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa chloro ethane, water, unfiltered, recoverable, μg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Iso propyl benzene, water, unfiltered, recoverable, μg/L (77223)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)
09-02-2010	< .1	< .06	< .1	< 1.6	< .04	< .1	< .1	< .3	< .04	< .6

WATER-QUALITY DATA
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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)	n-Butyl benzene, water, unfiltered, recoverable, μg/L (77342)	n-Propyl benzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)
09-02-2010	< .3	< .2	< .10	< .06	< .08	< .2	< .5	< .1	< .04	< .03

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	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-Butylbenzene, 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)	Toluene, water, unfiltered, recoverable, μg/L (34010)	trans-1,2-Di chloro ethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Di chloro-2-butene, water, unfiltered, recoverable, μg/L (73547)
09-02-2010	< .03	< .03	< .03	< .06	.43	< .05	< 1	< .02	< .02	< .4

WATER-QUALITY DATA
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[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; <, less than; E, estimated; M, presence verified but not quantified; U, analyzed for but not detected]

Date	Tribromo methane, water, unfiltered, recoverable, μg/L (32104)	Tri chloro ethene, water, unfiltered, recoverable, μg/L (39180)	Tri chloro fluoro methane, water, unfiltered, recoverable, μg/L (34488)	Tri chloro methane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)	Uranium (natural), water, filtered, μg/L (22703)
09-02-2010	< .10	< .02	< .08	1.03	< .1	15.9