



Water-Data Report 2011

292656099000701 Local number TD-69-40-605

Edwards-Trinity aquifer system
Edwards and Associated Limestones

Medina County, TX

LOCATION.--Lat 29°26'56", long 99°00'07" referenced to North American Datum of 1983, Medina County, TX, Hydrologic Unit 12110107.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 320 ft. Upper casing diameter 6.63 in; top of first opening 180 ft, bottom of last opening 320 ft.

DATUM.--Land-surface datum is 951 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 2.1 ft above land-surface datum, Aug. 22, 1996, to present.

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

[Measurement method: S, steel tape. Water-level status: S, nearby site that taps the same aquifer was being pumped.]

| Date | Water level | Measurement method | Water- level status |
|--------|-------------|--------------------|---------------------|
| Jun 21 | 266.53 | S | S |

Period of record highest: 187.46, Jul 27, 2007; lowest: 212.34, Jun 2, 2010

Record available from Aug 22, 1996, to Jun 21, 2011; 10 entries

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Aug. 1996, Aug. 2002 to current year.

PESTICIDE DATA: Aug. 1996, Aug. 2002 to current year.

RADIOCHEMICAL DATA: Aug. 1996, Aug. 2002 to current year.

REMARKS.--National Water-Quality Assessment Program (NAWQA) - Edwards Unconfined Major Aquifer Study (MAS). This site is scheduled for water-quality sample collection every other year.

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

Part 1 of 25

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Medium name | Sample type | Barometric pressure, mm Hg (00025) | Temperature, air, °C (00020) | Dissolved oxygen, water, unfiltered, mg/L (00300) | pH, water, unfiltered, field, standard units (00400) | Specific conductance, water, unfiltered, µS/cm at 25 °C (00095) | Temperature, water, °C (00010) |
|------------|-------------------|-------------|-------------|------------------------------------|------------------------------|---|--|---|--------------------------------|
| 06-29-2011 | 1000 | Groundwater | Regular | 738 | 33.5 | 4.8 | 7.1 | 464 | 23.6 |

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

Part 2 of 25

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676) | 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) |
|------------|-------------------|--|---|--|--|--|---------------------------------------|---|---|
| 06-29-2011 | 1000 | .6 | 259 | 72.9 | 10.8 | 1.10 | 5.67 | 205 | 250 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 25

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Bromide, water, filtered, mg/L (71870) | Chloride, water, filtered, mg/L (00940) | 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) | Nitrite, water, filtered, mg/L as N (00613) | Orthophosphate, water, filtered, mg/L as P (00671) |
|------------|-------------------|--|---|---|---|--|---|--|---|--|
| 06-29-2011 | 1000 | .07 | 10.3 | .12 | 13.1 | 24.0 | < .010 | .88 | < .001 | .016 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 25

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) |
|------------|-------------------|--|---|---------------------------------------|--|--|---|---------------------------------------|---------------------------------------|-------------------------------------|
| 06-29-2011 | 1000 | .90 | < 1.7 | 35 | < .01 | < .02 | < .06 | .03 | .50 | 4 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) |
|------------|-------------------|-------------------------------------|--|--|---|---------------------------------------|---------------------------------------|--|---|---|
| 06-29-2011 | 1000 | .07 | 2.0 | < .1 | .44 | .12 | < .01 | 328 | < .01 | 2.6 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 25

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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-Tri-chloro-propane, water, unfiltered, recoverable, µg/L (77443) | 1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, µg/L (82625) | 1,2-Dibromo-ethane, water, unfiltered, recoverable, µg/L (77651) | 1,2-Dichloro-ethane, water, unfiltered, recoverable, µg/L (32103) |
|------------|-------------------|-------------------------------------|---|--|--------------------------------------|---|--|--|--|---|
| 06-29-2011 | 1000 | 162 | < .03 | .50 | 37 | .32 | < .12 | < .4 | < .03 | < .1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 1,2-Dichloro-propane, water, unfiltered, recoverable, µg/L (34541) | 1,3-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77173) | 1,4-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34571) | 1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295) | 2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660) | 2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, µg/L (61618) | 2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, µg/L (04040) | 2-Ethyl-6-methyl-aniline, water, filtered, recoverable, µg/L (61620) | 3,4-Dichloro-aniline, water, filtered, recoverable, µg/L (61625) |
|------------|-------------------|--|---|--|--|---|--|---|--|--|
| 06-29-2011 | 1000 | < .03 | < .1 | < .03 | < .036 | < .006 | < .010 | < .006 | < .010 | < .004 |

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 3,5-Di-chloro-aniline, water, filtered, recoverable, µg/L (61627) | 3-Chloro-propene, water, unfiltered, recoverable, µg/L (78109) | 4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633) | Aceto-chlor, water, filtered, recoverable, µg/L (49260) | Acrylo-nitrile, water, unfiltered, recoverable, µg/L (34215) | Alachlor, water, filtered, recoverable, µg/L (46342) | 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) |
|------------|-------------------|---|--|--|---|--|--|---|--|---|
| 06-29-2011 | 1000 | < .004 | < .08 | < .005 | < .010 | < 0.8 | < .008 | < .006 | < .008 | < .04 |

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) |
|------------|-------------------|---|---|---|--|--|--|--|--|
| 06-29-2011 | 1000 | <.120 | <.014 | <.2 | <.060 | <.060 | <.08 | <.06 | <.004 |

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) | 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) | Desulfinylfipronil amide, water, filtered, recoverable, µg/L (62169) | Desulfinylfipronil, water, filtered, recoverable, µg/L (62170) |
|------------|-------------------|---|--|---|---|--|--|--|--|--|
| 06-29-2011 | 1000 | <.10 | <.010 | <.008 | <.022 | <.016 | <.020 | <.008 | <.029 | <.012 |

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) |
|------------|-------------------|--|--|---|--|--|--|--|--|--|
| 06-29-2011 | 1000 | <.006 | <.04 | <.08 | <.008 | <.006 | <.01 | <.04 | <.016 | <.006 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) | 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) |
|------------|-------------------|--|--|--|---|---|---|--|--|--|
| 06-29-2011 | 1000 | < .02 | < .008 | < .016 | < .054 | < .08 | < .03 | < .012 | < .024 | < .018 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| 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) |
|------------|-------------------|---|--|---|---|--|--|--|---|---|
| 06-29-2011 | 1000 | < .005 | < .008 | < .26 | < .014 | < .006 | < .010 | < .022 | < .016 | < .014 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Methidathion, water, filtered, recoverable, µg/L (61598) | Methyl parathion, water, filtered, recoverable, µg/L (61664) | Methyl 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, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82671) | Myclobutanol, 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) |
|------------|-------------------|--|--|--|---|--|--|--|---|---|
| 06-29-2011 | 1000 | < .012 | < .01 | < .008 | < .020 | < .012 | < .004 | < .010 | < .006 | < .012 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | 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) | Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82685) | Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676) | Simazine, water, filtered, recoverable, µg/L (04035) |
|------------|-------------------|---|---|---|--|---|--|--|---|--|
| 06-29-2011 | 1000 | < .03 | < .020 | < .05 | < .012 | < .006 | < .010 | < .02 | < .004 | < .006 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Tefluthrin, water, filtered, recoverable, µg/L (61606) | Terbufos oxygen analog 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) | Tribuphos, water, filtered, recoverable, µg/L (61610) |
|------------|-------------------|--|--|--|--|---|--|--|--|---|
| 06-29-2011 | 1000 | < .03 | < .010 | < .04 | < .02 | < .01 | < .016 | < .14 | < .01 | < .018 |

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | 1,1-Di-chloro-propene, water, unfiltered, recoverable, µg/L (77168) |
|------------|-------------------|---|---|---|---|---|---|--|--|---|
| 06-29-2011 | 1000 | < .018 | < .04 | < .03 | < .14 | < .03 | < .03 | < .04 | < .02 | < .04 |

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | 1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566) |
|------------|-------------------|--|--|--|--|--|--|--|--|--|
| 06-29-2011 | 1000 | < .1 | < .080 | < .1 | < .060 | < .1 | < .03 | < .03 | < .03 | < .02 |

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | Bromo-chloro-methane, water, unfiltered, recoverable, µg/L (77297) |
|------------|-------------------|---|--|---|--|--|---|---|---|--|
| 06-29-2011 | 1000 | < .06 | < .03 | < .03 | < .04 | < .06 | < 3 | < .03 | < .02 | < .06 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | Dichloro-difluoro-methane, water, unfiltered, recoverable, µg/L (34668) |
|------------|-------------------|--|--|--|---|--|--|--|---|---|
| 06-29-2011 | 1000 | < .03 | < .1 | < .03 | < .1 | < .140 | < .02 | < .1 | < .05 | < .10 |

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WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Dichloro-methane, water, unfiltered, recoverable, µg/L (34423) | Diethyl ether, water, unfiltered, recoverable, µg/L (81576) | Diiso-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) |
|------------|-------------------|--|---|--|--|---|---|---|--|--|
| 06-29-2011 | 1000 | < .04 | < .1 | < .06 | < .2 | < 1.6 | < .04 | < .1 | < .2 | < .3 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Isopropyl-benzene, 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) | n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103) |
|------------|-------------------|---|---|--|---|---|--|--|---|---|
| 06-29-2011 | 1000 | < .04 | < .8 | < .3 | < .2 | < .10 | < .06 | < .08 | < .2 | < .4 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | 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) |
|------------|-------------------|---|--|--|---|---|--|--|---|--|
| 06-29-2011 | 1000 | < .1 | < .04 | < .03 | < .03 | < .04 | < .03 | < .06 | < .03 | < .06 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607) | Toluene, water, unfiltered, recoverable, µg/L (34010) | trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546) | trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547) | Tribromomethane, water, unfiltered, recoverable, µg/L (32104) | Trichloroethene, water, unfiltered, recoverable, µg/L (39180) | Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488) | Trichloromethane, water, unfiltered, recoverable, µg/L (32106) | Vinyl chloride, water, unfiltered, recoverable, µg/L (39175) |
|------------|-------------------|---|---|--|---|---|---|--|--|--|
| 06-29-2011 | 1000 | < 1 | < .02 | < .02 | < .4 | < .10 | < .02 | < .06 | < .03 | < .1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 25 of 25

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Uranium (natural), water, filtered, µg/L (22703) |
|------------|-------------------|--|
| 06-29-2011 | 1000 | .69 |