

Water-Data Report 2011

293535098304101 Local number AY-68-28-314

Edwards-Trinity aquifer system
Edwards and Associated Limestones

Bexar County, TX

LOCATION.--Lat 29°35'35", long 98°30'41" referenced to North American Datum of 1983, Bexar County, TX, Hydrologic Unit 12100301.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 240 ft. Upper casing diameter 4.5 in; top of first opening 170 ft, bottom of last opening 240 ft.

DATUM.--Land-surface datum is 901 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.65 ft above land-surface datum, Nov. 24, 2008, 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: A, level affected by atmospheric pressure.]

Date	Water level	Measurement method	Water- level status
Dec 15	167.04	S	A

Period of record highest: 61.03, Oct 20, 1998; lowest: 195.76, Oct 15, 1998

Record available from Apr 11, 1998, to Dec 15, 2010; 43 entries

WATER-QUALITY RECORDS**PERIOD OF RECORD--**

CHEMICAL DATA: Nov. 1998 to current year.

PESTICIDE DATA: Nov. 1998 to current year.

RADIOCHEMICAL DATA: Nov. 1998 to current year.

REMARKS.--National Water-Quality Assessment Program (NAWQA) - San Antonio Land Use Study (LUS). 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; 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)	pH, water, unfiltered, field, standard units (00400)	Specific conduc-tance, water, unfiltered, µS/cm at 25 °C (00095)
12-15-2010	1605	QC sample - Artificial	Blank	--	--	--	--	--	--
12-15-2010	2000	Groundwater	Regular	730	14.5	167.04	6.9	6.8	674

**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; 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 (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (00010) (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)
12-15-2010	1605	--	< 12	< .02	< .008	< .02	< .06	--
12-15-2010	2000	24.1	.2	393	131	3.11	.66	7.67

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; 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	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,				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)
		Bromide, water, filtered,	Chloride, water, filtered,	Fluoride, water, filtered,	mg/L (00940)					
12-15-2010	1605	--	<.01	<.06	<.04	<.03	<.09	.014	<.02	<.001
12-15-2010	2000	382	.14	18.3	.08	14.7	8.01	<.010	3.13	<.001

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; 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	Total nitrogen, water, Orthophos- phate, water, filtered,								
		filtered, analytically determined,	Aluminum, water, filtered,	Barium, water, filtered,	Beryllium, water, filtered,	Cadmium, water, filtered,	Chromium, water, filtered,	Cobalt, water, filtered,		
		mg/L (00671)	mg/L (62854)	µg/L (01106)	µg/L (01005)	µg/L (01010)	µg/L (01025)	µg/L (01030)	µg/L (01035)	
12-15-2010	1605	<.004	<.05	<1.7	<.07	<.01	<.02	<.06	<.02	
12-15-2010	2000	.025	3.20	<1.7	68	<.01	<.02	.16	.05	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 25

[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	Manga- nese, water, filtered,								
		Copper, water, filtered,	Iron, water, filtered,	Lead, water, filtered,	Lithium, water, filtered,	Manga- nese, water, filtered,	Molyb- denum, water, filtered,	Nickel, water, filtered,	Silver, water, filtered,	Strontium, water, filtered,
		µg/L (01040)	µg/L (01046)	µg/L (01049)	µg/L (01130)	µg/L (01056)	µg/L (01060)	µg/L (01065)	µg/L (01075)	µg/L (01080)
12-15-2010	1605	<.50	<3	<.01	<.2	<.1	<.01	<.09	<.01	<.20
12-15-2010	2000	<.50	<3	<.01	1.5	<.1	.10	.37	<.01	79.8

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; 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	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)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1,2,3-Tri-chloro-propane, unfiltered, recoverable, µg/L (77443)	Dibromo-3-chloro-propane, water, unfiltered, recoverable, µg/L (82625)
12-15-2010	1605	< .01	< .08	< 1.4	< .03	< .02	< 3	< .03	--	--
12-15-2010	2000	< .01	2.0	< 1.4	.03	.27	25	.40	< .12	< .4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 25

[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-Dibromo-ethane, water, unfiltered, recoverable, µg/L (77651)	1,2-Dichloro-ethane, water, unfiltered, recoverable, µg/L (32103)	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)	Naphthal, (0.7 micron filter), recoverable, µg/L (49295)	1-Naphthol, (0.7 micron glass fiber filter), recoverable, µg/L (82660)	Diethyl-aniline, (2-Chloro-acetanilide, water, filter), recoverable, µg/L (61618)	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, µg/L (04040)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	< .03	< .1	< .03	< .1	< .03	< .036	< .006	< .010	E .031

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 25

[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-Ethyl-6-methyl-aniline, water, filtered, recovered,	3,4-Dichloro-aniline, water, filtered, recovered,	3,5-Dichloro-aniline, water, filtered, recovered,	3-Chloro-propene, water, unfiltered, recovered,	4-Chloro-2-methyl-phenol, water, filtered, recovered,	Aceto-chlor, water, filtered, recovered,	Acrylo-nitrile, water, unfiltered, recovered,	Alachlor, water, filtered, recovered,	alpha-Endosulfan, water, filtered, recovered,
		µg/L (61620)	µg/L (61625)	µg/L (61627)	µg/L (78109)	µg/L (61633)	µg/L (49260)	µg/L (34215)	µg/L (46342)	µg/L (34362)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.010	E .004	<.004	<.08	<.005	<.010	<.08	<.008	<.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 9 of 25

[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	Atrazine, water, filtered, recovered,	Azinphos-methyl, oxygen analog, water, filtered, recovered,	Azinphos-methyl, water, filtered	Benfluralin, (0.7 micron glass fiber filter), recoverable,	Bromophenol, (0.7 micron glass fiber filter), unfiltered,	Carbaryl, (0.7 micron glass fiber filter), recoverable,	Carbofuran, (0.7 micron glass fiber filter), recoverable,	Carbon disulfide, water, filter,
		µg/L (39632)	µg/L (61635)	µg/L (82686)	µg/L (82673)	µg/L (34413)	µg/L (82680)	µg/L (82674)	µg/L (77041)
12-15-2010	1605	--	--	--	--	--	--	--	--
12-15-2010	2000	.019	<.04	<.120	<.014	<.2	<.060	<.060	<.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 10 of 25

[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-Permethrin, water, filtered								DCPA, water, filtered
		Cis-1,3-Dichlorpyrifos, oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-1,3-Dichlorpropene, water, unfiltered, recoverable, µg/L (34704)	Permethylazole, 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)	
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.06	<.004	<.10	<.010	<.008	<.022	<.016	<.020	<.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 25

[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	Dimethoate, water, filtered								Disulfoton, water, filtered
		Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62169)	Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62170)	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)	(0.7 micron glass fiber filter), recoverable, µg/L (82662)	Disulfoton sulfone, water, filtered, recoverable, µg/L (61640)	
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.029	<.012	<.006	<.04	<.08	<.008	<.006	<.01	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 25

[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	EPTC, water, filtered sulfate, water, filtered, recover-			Ethoprop, water, (0.7 micron monoxon, water, filtered, recover-			Fenami- phos sulfone, water, filtered, recover-	Fenami- phos sulfoxide, water, filtered, recover-	Fipronil sulfide, water, filtered, recover-
		Endosulfan sulfate, water, glass fiber filter), recover-	Ethion monoxon, water, filtered, recover-	Ethion, water, (0.7 micron monoxon, water, filtered, recover-	Fenami- phos sulfone, water, filtered, recover-	Fenami- phos sulfoxide, water, filtered, recover-				
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 25

[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	Fipronil sulfone, water, filtered, recover-			Hexa- zinone, water, filtered, recover-			Iodo- methane, water, unfiltered, recover-		Isofen- phos, water, filtered, recover-	lambda- Cyhalo- thrin, water, filtered, recover-
		Fipronil sulfone, water, filtered, recover-	Fipronil, water, filtered, recover-	Fonofos, water, filtered, recover-	Hexa- zinone, water, filtered, recover-	Iodo- methane, water, unfiltered, recover-	Iodo- methane, water, filtered, recover-	Iodo- methane, water, filtered, recover-	Iodo- methane, water, filtered, recover-	Isofen- phos, water, filtered, recover-	Cyhalo- thrin, water, filtered, recover-
12-15-2010	1605	--	--	--	--	--	--	--	--	--	--
12-15-2010	2000	< .024	< .018	< .005	.033	< .26	< .014	< .006	< .010	< .022	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 25

[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								Molinate, water, filtered		Myclobutanil, water, filtered, recoverable, µg/L (61599)
		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)	(0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	(0.7 micron glass fiber filter), recoverable, µg/L (82671)			
12-15-2010	1605	--	--	--	--	--	--	--	--	--	--	
12-15-2010	2000	< .016	< .014	< .012	< .01	< .008	< .020	< .012	< .004	< .010		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 15 of 25

[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	Pendi-methalin, water, filtered						Phorate, water, filtered			Propanil, water, filtered	
		Oxyfluorfen, water, filtered, recoverable, µg/L (61600)	(0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	(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)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	(0.7 micron glass fiber filter), recoverable, µg/L (82679)		
12-15-2010	1605	--	--	--	--	--	--	--	--	--	--	
12-15-2010	2000	< .006	< .012	< .03	< .020	< .05	< .140	< .012	< .006	< .010		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 16 of 25

[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	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82685)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82676)	Tebu- thiuron, water, filtered (0.7 micron water, filtered, recover- able, µg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82670)	Terbufos oxygen analog Tefluthrin, water, filtered, recover- able, µg/L (61606)	Terbufos water, filtered (0.7 micron sulfone, water, filtered, recover- able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Thioben- carb, water, filtered azine, water, filtered, recover- able, µg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82681)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	< .02	< .004	.008	< .03	< .010	< .04	< .02	< .01	< .016

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 17 of 25

[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-1,3- Dichloro- propene, water, unfiltered, recover- able, µg/L (34699)	trans- Propicon- azole, water, filtered, recover- able, µg/L (79847)	Tribuphos, water, filtered, recover- able, µg/L (61610)	Trifluralin, 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- ethane, water, unfiltered, recover- able, µg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34511)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	< .14	< .01	< .018	< .018	< .04	< .03	< .14	< .03	< .03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 18 of 25

[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-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)		Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999)		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)	
		recoverable, µg/L (34496)	recoverable, µg/L (34501)	recoverable, µg/L (77168)	recoverable, µg/L (49999)	recoverable, µg/L (50000)	recoverable, µg/L (77613)	recoverable, µg/L (77221)	recoverable, µg/L (34551)	recoverable, µg/L (77222)									
12-15-2010	1605	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
12-15-2010	2000	<.04	<.02	<.04	<.1	<.080	<.1	<.060	<.1	<.03	<.06	<.04	<.06	<.02	<.03	<.06	<.04	<.02	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 19 of 25

[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-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536)		1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226)		Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566)		1,3-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170)		2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77275)		2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77220)		2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77277)		4-Chloro-toluene, water, unfiltered, recoverable, µg/L (77356)		4-Iso-propyl-toluene, water, unfiltered, recoverable, µg/L (81552)		Acetone, water, unfiltered, recoverable, µg/L (81552)	
		recoverable, µg/L (34536)	recoverable, µg/L (77226)	recoverable, µg/L (34566)	recoverable, µg/L (77170)	recoverable, µg/L (77275)	recoverable, µg/L (77220)	recoverable, µg/L (77277)	recoverable, µg/L (77356)	recoverable, µg/L (81552)											
12-15-2010	1605	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
12-15-2010	2000	<.03	<.03	<.02	<.06	<.03	<.03	<.03	<.04	<.06	<.02	<.03	<.04	<.06	<.02	<.03	<.04	<.06	<.02		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 20 of 25

[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	Benzene, water, unfiltered, recoverable, µg/L (34030)		Bromo-benzene, water, unfiltered, recoverable, µg/L (81555)		Bromo-chloro-methane, water, unfiltered, recoverable, µg/L (77297)		Bromo-dichloro-methane, water, unfiltered, recoverable, µg/L (32101)		Bromo-ethene, water, unfiltered, recoverable, µg/L (50002)		Chloro-benzene, water, unfiltered, recoverable, µg/L (34301)		Chloro-ethane, water, unfiltered, recoverable, µg/L (34311)		Chloro-methane, water, unfiltered, recoverable, µg/L (34418)		cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, µg/L (77093)	
		recoverable, µg/L (34030)	recoverable, µg/L (81555)	recoverable, µg/L (77297)	recoverable, µg/L (32101)	recoverable, µg/L (50002)	recoverable, µg/L (34301)	recoverable, µg/L (34311)	recoverable, µg/L (34418)	recoverable, µg/L (77093)									
12-15-2010	1605	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
12-15-2010	2000	<.03	<.02	<.06	<.03	<.1	<.03	<.1	<.140	<.02	<.03	<.1	<.140	<.02	<.03	<.140	<.02		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 21 of 25

[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	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)	Dichloro-methane, water, unfiltered, recoverable, µg/L (34423)	Diethyl ether, water, unfiltered, recoverable, µg/L (81576)	Diisopropyl ether, water, unfiltered, recoverable, µg/L (81577)	Ethyl methacrylate, water, unfiltered, recoverable, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595)	Ethyl benzene, water, unfiltered, recoverable, µg/L (34371)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.1	<.05	<.10	<.04	<.1	<.06	<.2	<1.6	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 22 of 25

[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	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)	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)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.1	<.2	<.3	<.04	<.8	<.3	<.2	<.10	<.06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 23 of 25

[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	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphtha-lene, 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)	sec-Butyl-benzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)	tert-Butyl-ether, water, unfiltered, recoverable, µg/L (50004)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.08	<.2	<.4	<.1	<.04	<.03	<.03	<.04	<.03

293535098304101 Local number AY-68-28-314—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 24 of 25

[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	Tetra-tert-Butyl-chloro-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)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, µg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, µg/L (39180)
12-15-2010	1605	--	--	--	--	--	--	--	--	--
12-15-2010	2000	<.06	<.03	<.06	<1	<.02	<.02	<.4	<.10	<.02

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; 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	Trichloro-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)
12-15-2010	1605	--	--	--	< 0.004
12-15-2010	2000	<.06	.04	<.1	.70