



Water-Data Report 2012

**300710097485801 Local number YD-58-58-209**

Edwards-Trinity aquifer system  
Edwards and Associated Limestones

Travis County, TX

LOCATION.--Lat 30°07'09.62", long 97°48'58.03" referenced to North American Datum of 1983, Travis County, TX, Hydrologic Unit 12090205.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 7 in; top of first opening 200 ft, bottom of last opening 400 ft.

DATUM.--Land-surface datum is 649 ft above North American Vertical Datum of 1988. Measuring point: Undefined.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: T, electric tape. Water-level status:  
A, level affected by atmospheric pressure.]

Date	Water level	Measurement method	Water- level status
Apr 18	52.15	T	A

Period of record highest: 97.6, May 12, 1978; lowest: 190, Mar 2, 1975

Record available from Mar 2, 1975, to Apr 18, 2012; 3 entries

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## WATER-QUALITY RECORDS

PERIOD OF RECORD.--This well was sampled for the first time this year.

REMARKS.--Well was sampled from spigot with a brass fitting. Well is pumped daily. A water level measurement was done by the BSEACD.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 7

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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]

Sample date-time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Color, water, filtered, platinum cobalt units (00080)	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)
04-18-2012 1445	Groundwater	Regular	748	21.2	< 1	52.15	E 1.0	7.3	7.6

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 2 of 7

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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]

Sample date-time	Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C (90095)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Turbidity, water, unfiltered, field, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, nephelometric (72188)	Sample purpose (71999)	Sampler type (84164)	Sampling condition (72006)
04-18-2012 1445	747	758	24.1	< 2.0	0.64	Routine	Open-Mouth Bottle	Pumping

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 3 of 7

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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]

Sample date-time	Sampling method (82398)	Type of quality assurance data associated with sample (99111)	Dissolved solids	Suspended solids,	Calcium,	Magne-	Potassium,	Sodium,
			dried at 180°C, water, filtered, mg/L (70300)	water, unfiltered, mg/L (00530)	water, filtered, mg/L (00915)	sium, water, filtered, mg/L (00925)	water, filtered, mg/L (00935)	water, filtered, mg/L (00930)
04-18-2012 1445	Grab smp tap wat sup	No assoc QA data	496	< 15	58.4	36.0	4.22	32.7

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 4 of 7

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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]

Sample date-time	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO <sub>3</sub> (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Carbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Silica, water, filtered, mg/L as SiO <sub>2</sub> (00955)	Sulfate, water, filtered, mg/L (00945)
	04-18-2012 1445	227	276	0.139	< 1.0	24.8	3.36	M	13.0

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 5 of 7

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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]

Sample date-time	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia, water, unfiltered, mg/L as N (00610)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)	Aluminum, water, filtered, µg/L (01106)	Barium, water, filtered, µg/L (01005)	Cadmium, water, filtered, µg/L (01025)	Chromium, water, filtered, µg/L (01030)
	04-18-2012 1445	0.23	0.20	0.02	< .004	< .003	< 2.2	71.0	< .016

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 6 of 7

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, 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]

<b>Sample date-time</b>	<b>Copper, water, filtered, µg/L (01040)</b>	<b>Iron, water, filtered, µg/L (01046)</b>	<b>Lead, water, filtered, µg/L (01049)</b>	<b>Manganese, water, filtered, µg/L (01056)</b>	<b>Nickel, water, filtered, µg/L (01065)</b>	<b>Silver, water, filtered, µg/L (01075)</b>	<b>Strontium, water, filtered, µg/L (01080)</b>	<b>Zinc, water, filtered, µg/L (01090)</b>	<b>Arsenic, water, filtered, µg/L (01000)</b>
04-18-2012 1445	< .80	6.7	0.083	0.30	0.38	0.062	37,900	9.2	0.03

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 7 of 7

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<b>Sample date-time</b>	<b>Boron, water, filtered, µg/L (01020)</b>	<b>Organic carbon, water, unfiltered, mg/L (00680)</b>	<b>NWIS lot number, capsule filter, 0.45 micron (99206)</b>
04-18-2012 1445	225	< .5	10,014