

Water-Data Report 2013

**302146097445101 YD-58-43-103**

Middle Colorado-Llano Basin  
Austin-Travis Lakes Subbasin

LOCATION.--Lat 30°21'46", long 97°44'51" referenced to North American Datum of 1927, Travis County, TX, Hydrologic Unit 12090205.

**WATER-QUALITY RECORDS**

DATUM.--Land-surface datum is 740 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--This site was sampled from 1990-2001 and again this year.

REMARKS.--Site is sampled in the corner of the concrete housing where springs flows in. No water level or estimate of spring flow was made at time of sample.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 1 of 6

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected]

Sample date-time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Color, filtered, platinum cobalt units (00080)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)	Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C (90095)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)
03-07-2013 1100	Groundwater	Regular	747	28.9	< 1	6.5	7.7	964	937

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 2 of 6

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected]

Sample date-time	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)	Sample purpose (71999)	Sampler type (84164)	Sampling condition (72006)	Sampling method (82398)	Type of quality assurance data associated with sample (99111)
03-07-2013 1100	21.7	E 2.1	Routine	Grab sample	Flowing	Grab sample(dip)	No assoc QA data

## 302146097445101 YD-58-43-103—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 3 of 6

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected]

Sample date-time	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Suspended solids, water, unfiltered, mg/L (00530)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO <sub>3</sub> (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)
03-07-2013 1100	559	< 15	128	25.6	2.39	38.1	303	368	0.313

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 4 of 6

[CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; U, analyzed for but not detected]

Sample date-time	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)	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)
03-07-2013 1100	< 1.0	83.3	0.16	U	10.7	58.0	0.18	< .02	4.17

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 5 of 6

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Sample date-time	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)	Copper, water, filtered, µg/L (01040)	Iron, water, filtered, µg/L (01046)	Lead, water, filtered, µg/L (01049)
03-07-2013 1100	0.028	0.026	< 2.2	69.2	< .016	0.20	< .80	< 4.0	< .025

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**WATER-QUALITY DATA**  
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Part 6 of 6

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Sample date-time	Manga- nese, water, filtered, μg/L (01056)	Nickel, water, filtered, μg/L (01065)	Silver, water, filtered, μg/L (01075)	Strontium, water, filtered, μg/L (01080)	Zinc, water, filtered, μg/L (01090)	Arsenic, water, filtered, μg/L (01000)	Boron, water, filtered, μg/L (01020)	Organic carbon, water, unfiltered, mg/L (00680)	NWIS lot number, capsule filter, 0.45 micron (99206)
03-07-2013 1100	0.97	1.0	< .005	288	< 1.4	0.52	109	1.4	10,014