Water-Data Report 2006

# 293611098311901 Local number AY-68-28-315

Edwards-Trinity aquifer system
Edwards and Associated Limestones

Bexar County, TX

LOCATION.--Lat 29°36′11″, long 98°31′19″ referenced to North American Datum of 1983, Bexar County, TX, Hydrologic Unit 12100301.

## WATER-QUALITY RECORDS

REMARKS.--Part of the NAWQA San Antonio Land Use Study.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 18

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Time | Depth of well, feet below LSD (72008) | Depth to water level, feet below LSD (72019) | Turbdty white light, det ang 90+/-30 corrctd NTRU (63676) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif. conductance, wat unf uS/cm 25 degC (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | Calcium water, fltrd, mg/L (00915) | Magnesium, water, fltrd, mg/L (00925) | Potassium, water, fltrd, mg/L (00935) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | 1100 | 280 | 226.78 | 29 | 740 | 5.3 | 6.8 | 599 | 39.0 | 24.6 | 110 | 2.82 | 1.68 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 18

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| Date | Sodium, water, fltrd, mg/L (00930) | Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086) | Bromide water, fltrd, mg/L (71870) | Chloride, water, fltrd, mg/L (00940) | Fluoride, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) | Residue on evap. at 180degC wat flt mg/L (70300) | Ammonia water, fltrd, mg/L as N (00608) | Nitrite + nitrate water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Total nitrogen, wat flt by analysis, mg/L (62854) | Orthophosphate, water, fltrd, mg/L as P (00671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | 4.04 | 293 | .08 | 8.46 | <.10 | 13.8 | 6.12 | 339 | E.007n | 1.25 | <.002 | 1.33@ | .026 |

**293611098311901 Local number AY-68-28-315—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 3 of 18
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Organic carbon, water, fltrd, mg/L (00681) | Aluminum, water, fltrd, ug/L (01106) | Antimony, water, fltrd, ug/L (01095) | Arsenic water, fltrd, ug/L (01000) | Barium, water, fltrd, ug/L (01005) | Beryllium, water, fltrd, ug/L (01010) | Boron, water, fltrd, ug/L (01020) | Cadmium water, fltrd, ug/L (01025) | Chromium, water, fltrd, ug/L (01030) | Cobalt water, fltrd, ug/L (01035) | Copper, water, fltrd, ug/L (01040) | Iron-(II), water, unfltrd ug/L (99032) | Iron, water, fltrd, ug/L (01046) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | .7 | <1.6 | <.20 | .27 | 34 | <.06 | 26 | <.04 | .43 | .05 | .46 | M | <6 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 4 of 18
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| Date | Iron, water, unfltrd recover-able, ug/L (01045) | Lead, water, fltrd, ug/L (01049) | Lithium water, fltrd, ug/L (01130) | Manganese, water, fltrd, ug/L (01056) | Molybdenum, water, fltrd, ug/L (01060) | Nickel, water, fltrd, ug/L (01065) | Selenium, water, fltrd, ug/L (01145) | Silver, water, fltrd, ug/L (01075) | Strontium, water, fltrd, ug/L (01080) | Thallium, water, fltrd, ug/L (01057) | Vanadium, water, fltrd, ug/L (01085) | Zinc, water, fltrd, ug/L (01090) | 1-Naphthol, water, fltrd 0.7u GF ug/L (49295) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | M | <.08 | 1.1 | .7 | E.3n | .95 | .20 | <.2 | 72.3 | <.04 | 1.8 | E.35n | <.09mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 5 of 18
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 2,6-Diethylaniline water, fltrd 0.7u GF ug/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618) | CIAT, water, fltrd, ug/L (04040) | 2-Ethyl-6-methylaniline water, fltrd, ug/L (61620) | 3,4-Dichloroaniline water fltrd, ug/L (61625) | 3,5-Dichloroaniline water, fltrd, ug/L (61627) | 4Chloro 2methyl phenol, water, fltrd, ug/L (61633) | Acetochlor, water, fltrd, ug/L (49260) | Alachlor, water, fltrd, ug/L (46342) | alpha-Endosulfan, water, fltrd, ug/L (34362) | Atrazine, water, fltrd, ug/L (39632) | Azinphosmethyl oxon, water, fltrd, ug/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.006 | <.006 | E.021mc | <.010mc | <.004mc | <.012 | <.005mc | <.006 | <.005 | <.011 | .010 | <.04mc | <.050mc |

**293611098311901 Local number AY-68-28-315—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 6 of 18
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Benflur-alin, water, fltrd 0.7u GF ug/L (82673) | Car-baryl, water, fltrd 0.7u GF ug/L (82680) | Carbo-furan, water, fltrd 0.7u GF ug/L (82674) | Chlor-pyrifos oxon, water, fltrd, ug/L (61636) | Chlor-pyrifos water, fltrd, ug/L (38933) | cis-Per-methrin water fltrd 0.7u GF ug/L (82687) | cis-Propi-cona-zole, water, fltrd, ug/L (79846) | Cyana-zine, water, fltrd, ug/L (04041) | Cyflu-thrin, water, fltrd, ug/L (61585) | lambda-Cyhalo-thrin, water, fltrd, ug/L (61595) | Cyper-methrin water, fltrd, ug/L (61586) | DCPA, water, fltrd 0.7u GF ug/L (82682) | Desulf-inyl fipro-nil, water, fltrd, ug/L (62170) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.010 | <.041mc | <.020mc | <.06mc | <.005 | <.006 | <.013mc | <.018 | <.053mc | <.014mc | <.046mc | <.003 | <.012 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 7 of 18
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Diazi-non, water, fltrd, ug/L (39572) | Dicro-tophos, water, fltrd, ug/L (38454) | Diel-drin, water, fltrd, ug/L (39381) | Dimeth-oate, water, fltrd 0.7u GF ug/L (82662) | Disulf-oton sulfone water, fltrd, ug/L (61640) | Disul-foton, water, fltrd 0.7u GF ug/L (82677) | Endo-sulfan sulfate water, fltrd, ug/L (61590) | EPTC, water, fltrd 0.7u GF ug/L (82668) | Ethion monoxon water, fltrd, ug/L (61644) | Ethion, water, fltrd, ug/L (82346) | Etho-prop, water, fltrd 0.7u GF ug/L (82672) | Fenami-phos sulfone water, fltrd, ug/L (61645) | Fenami-phos sulf-oxide, water, fltrd, ug/L (61646) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.005 | <.08mc | <.009 | <.006mc | <.01 | <.02mc | <.022 | <.004 | <.02mc | <.016 | <.012 | <.053 | <.04mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 8 of 18
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| Date | Fenami-phos, water, fltrd, ug/L (61591) | Desulf-inyl-fipro-nil amide, wat flt ug/L (62169) | Fipro-nil sulfide water, fltrd, ug/L (62167) | Fipro-nil sulfone water, fltrd, ug/L (62168) | Fipro-nil, water, fltrd, ug/L (62166) | Fonofos water, fltrd, ug/L (04095) | Hexa-zinone, water, fltrd, ug/L (04025) | Ipro-dione, water, fltrd, ug/L (61593) | Isofen-phos, water, fltrd, ug/L (61594) | Mala-oxon, water, fltrd, ug/L (61652) | Mala-thion, water, fltrd, ug/L (39532) | Meta-laxyl, water, fltrd, ug/L (61596) | Methi-althion water, fltrd, ug/L (61598) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.03 | <.029 | <.013 | <.024 | <.016 | <.005 | <.026 | <.026mc | <.011 | <.039 | <.027 | <.007 | <.009 |

**293611098311901 Local number AY-68-28-315—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 9 of 18
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| Date | Methyl paraoxon, water, fltrd, ug/L (61664) | Methyl parathion, water, fltrd 0.7u GF ug/L (82667) | Metolachlor, water, fltrd, ug/L (39415) | Metribuzin, water, fltrd, ug/L (82630) | Molinate, water, fltrd 0.7u GF ug/L (82671) | Myclobutanil water, fltrd, ug/L (61599) | Oxyfluorfen, water, fltrd, ug/L (61600) | Pendimethalin, water, fltrd 0.7u GF ug/L (82683) | Phorate oxon, water, fltrd, ug/L (61666) | Phorate water, fltrd 0.7u GF ug/L (82664) | Phosmet oxon, water, fltrd, ug/L (61668) | Phosmet water, fltrd, ug/L (61601) | Prometon, water, fltrd, ug/L (04037) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.02mc | <.015 | <.006 | <.028 | <.003 | <.033 | <.017 | <.022 | <.03mc | <.055 | <.05mc | <.008mc | <.01 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 10 of 18
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| Date | Prometryn, water, fltrd, ug/L (04036) | Propyzamide, water, fltrd 0.7u GF ug/L (82676) | Propanil, water, fltrd 0.7u GF ug/L (82679) | Propargite, water, fltrd 0.7u GF ug/L (82685) | Simazine, water, fltrd, ug/L (04035) | Tebuthiuron water, fltrd 0.7u GF ug/L (82670) | Tefluthrin, water, fltrd, ug/L (61606) | Terbufos oxon sulfone water, fltrd, ug/L (61674) | Terbufos, water, fltrd 0.7u GF ug/L (82675) | Terbuthylazine, water, fltrd, ug/L (04022) | Thiobencarb water, fltrd 0.7u GF ug/L (82681) | trans-Propiconazole, water, fltrd, ug/L (79847) | Tribuphos, water, fltrd, ug/L (61610) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.006 | <.004 | <.011 | <.02 | E.005n | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.03mc | <.035mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 11 of 18
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| Date | Trifluralin, water, fltrd 0.7u GF ug/L (82661) | 1,1,1,2-Tetrachloroethane, water, unfltrd ug/L (77562) | 1,1,1-Trichloroethane, water, unfltrd ug/L (34506) | 1,1,2,2-Tetrachloroethane, water, unfltrd ug/L (34516) | CFC-113 water unfltrd ug/L (77652) | 1,1,2-Trichloroethane, water, unfltrd ug/L (34511) | 1,1-Dichloroethane, water unfltrd ug/L (34496) | 1,1-Dichloroethene, water, unfltrd ug/L (34501) | 1,1-Dichloropropene water unfltrd ug/L (77168) | 1,2,3,4 Tetramethylbenzene water unfltrd ug/L (49999) | 1,2,3,5 Tetramethylbenzene water unfltrd ug/L (50000) | 1,2,3-Trichlorobenzene water unfltrd ug/L (77613) | 1,2,3-Trichloropropane water unfltrd ug/L (77443) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.009 | <.03b | <.03b | <.08b | <.04b | <.04b | <.04b | <.02b | <.03b | <.1 | <.2 | <.2 | <.18 |

**293611098311901 Local number AY-68-28-315—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 12 of 18
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| Date | 1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221) | 1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551) | 1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222) | Dibromo chloro-propane water unfltrd ug/L (82625) | 1,2-Di-bromo-ethane, water, unfltrd ug/L (77651) | 1,2-Di-chloro-benzene water unfltrd ug/L (34536) | 1,2-Di-chloro-ethane, water, unfltrd ug/L (32103) | 1,2-Di-chloro-propane water unfltrd ug/L (34541) | 1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226) | 1,3-Di-chloro-benzene water unfltrd ug/L (34566) | 1,3-Di-chloro-propane water unfltrd ug/L (77173) | 1,4-Di-chloro-benzene water unfltrd ug/L (34571) | 2,2-Di-chloro-propane water unfltrd ug/L (77170) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.1b | <.1 | <.06b | <.5 | <.04b | <.05b | <.1 | <.03b | <.04b | <.03b | <.1b | <.03b | <.05b |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 13 of 18
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| Date | 2-Chloro-toluene water unfltrd ug/L (77275) | 2-Ethyl-toluene water unfltrd ug/L (77220) | 3-Chloro-propene water unfltrd ug/L (78109) | 4-Chloro-toluene water unfltrd ug/L (77277) | 4-Iso-propyl-toluene water unfltrd ug/L (77356) | Acetone water unfltrd ug/L (81552) | Acrylo-nitrile water unfltrd ug/L (34215) | Benzene water unfltrd ug/L (34030) | Bromo-benzene water unfltrd ug/L (81555) | Bromo-chloro-methane water unfltrd ug/L (77297) | Bromo-di-chloro-methane water unfltrd ug/L (32101) | Bromo-ethene, water, unfltrd ug/L (50002) | Bromo-methane water unfltrd ug/L (34413) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.04b | <.06b | <.50mc | <.05b | <.08b | <6 | <.8 | <.02b | <.03b | <.12 | <.03b | <.1 | <.3mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 14 of 18
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| Date | Carbon di-sulfide water unfltrd ug/L (77041) | Chloro-benzene water unfltrd ug/L (34301) | Chloro-ethane, water, unfltrd ug/L (34311) | Chloro-methane water unfltrd ug/L (34418) | cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093) | cis-1,3-Di-chloro-propene water unfltrd ug/L (34704) | Di-bromo-chloro-methane water unfltrd ug/L (32105) | Di-bromo-methane water unfltrd ug/L (30217) | Di-chloro-di-fluoro-methane wat unf ug/L (34668) | Di-chloro-methane water unfltrd ug/L (34423) | Di-ethyl ether, water, unfltrd ug/L (81576) | Diiso-propyl ether, water, unfltrd ug/L (81577) | Ethyl methac-rylate, water, unfltrd ug/L (73570) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.04b | <.03b | <.1 | <.2mc | <.02b | <.05b | <.1 | <.05b | <.18mc | <.1b | <.1b | <.10 | <.2 |

**293611098311901 Local number AY-68-28-315—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 15 of 18
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Ethyl methyl ketone, water, unfltrd ug/L (81595) | Ethyl-benzene water unfltrd ug/L (34371) | Hexa-chloro-buta-diene, water, unfltrd ug/L (39702) | Hexa-chloro-ethane, water, unfltrd ug/L (34396) | Iodo-methane water unfltrd ug/L (77424) | Iso-butyl methyl ketone, water, unfltrd ug/L (78133) | Iso-propyl-benzene water unfltrd ug/L (77223) | Methyl acrylo-nitrile water unfltrd ug/L (81593) | Methyl acryl-ate, water, unfltrd ug/L (49991) | Methyl methac-rylate, water, unfltrd ug/L (81597) | Methyl tert-pentyl ether, water, unfltrd ug/L (50005) | meta- + para-Xylene, water, unfltrd ug/L (85795) | Naphth-alene, water, unfltrd ug/L (34696) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <2.0 | <.03b | <.1 | <.1 | <.50mc | <.4b | <.04b | <.4 | <1.0 | <.2 | <.04b | <.06b | <.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 16 of 18
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| Date | Methyl n-butyl ketone, water, unfltrd ug/L (77103) | n-Butyl benzene water unfltrd ug/L (77342) | n-propyl-benzene water unfltrd ug/L (77224) | o-Xylene, water, unfltrd ug/L (77135) | sec-Butyl-benzene water unfltrd ug/L (77350) | Styrene water unfltrd ug/L (77128) | t-Butyl ethyl ether, water, unfltrd ug/L (50004) | Methyl t-butyl ether, water, unfltrd ug/L (78032) | tert-Butyl-benzene water unfltrd ug/L (77353) | Tetra-chloro-ethene, water, unfltrd ug/L (34475) | Tetra-chloro-methane water unfltrd ug/L (32102) | Tetra-hydro-furan, water, unfltrd ug/L (81607) | Toluene water unfltrd ug/L (34010) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.4b | <.1 | <.04b | <.04b | <.06b | <.04b | <.03b | <.1 | <.08b | E.10b | <.06b | <1 | <.02b |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
Part 17 of 18
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| Date | trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546) | trans-1,3-Di-chloro-propene water unfltrd ug/L (34699) | trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547) | Tri-bromo-methane water unfltrd ug/L (32104) | Tri-chloro-ethene, water, unfltrd ug/L (39180) | Tri-chloro-fluoro-methane water unfltrd ug/L (34488) | Tri-chloro-methane water unfltrd ug/L (32106) | Vinyl chlor-ide, water, unfltrd ug/L (39175) | Di-chlor-vos, water, fltrd, ug/L (38775) | Deu-terium/ Protium ratio, water, unfltrd per mil (82082) | Tritium 2-sigma water unfltrd pCi/L (75985) | Tritium water unfltrd pCi/L (07000) | Uranium natural water, fltrd, ug/L (22703) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 28... | <.03b | <.09b | <.7b | <.10 | <.04b | <.08b | <.02b | <.1b | <.01mc | -24.50 | .60 | 6.7 | .58 |

**293611098311901 Local number AY-68-28-315—Continued**

**WATER-QUALITY DATA WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 18 of 18

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified. Value qualifier codes: @, holding time exceeded; b, value extrapolated at low end; c, see laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | O-18 / O-16 ratio, water, unfltrd per mil (82085) |
|---|---|
| **Aug** | |
| **28...** | -4.54 |