



Water-Data Report TX-2005

08093500 Aquilla Creek near Aquilla, TX

Brazos River Basin

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Dec. 1961 to Oct. 1962, May 1965 to Aug. 1992, and Jan. 2005.

BIOCHEMICAL DATA: Dec. 1961 to Oct. 1962, May 1965 to Aug. 1992, and Jan. 2005.

RADIOCHEMICAL DATA: Apr. 1981 to July 1981.

PESTICIDE DATA: Aug. 1971 to June 1972.

REMARKS.--This site is sampled in the event that the dam at the upstream site, 08093360 Aquilla Creek above Aquilla, TX, is releasing. Water samples are collected from the bridge using a DH-95 sampler.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 5

[<, less than; E, estimated; n, below the LRL and above the LT-MDL]

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, 90+/-30 corrctd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Noncarbohardness, water flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)
Jan													
11...	1028	383	27	749	10.2	96	8.1	348	22.3	12.0	150	36	55.8

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 5

[<, less than; E, estimated; n, below the LRL and above the LT-MDL]

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alkalinity, water flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, water flt incm. titr., field, mg/L (00453)	Carbonate, water flt incm. titr., field, mg/L (00452)	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 water, fltrd, sum of constituents mg/L (70301)
Jan													
11...	2.70	4.78	.5	13.6	16	115	139	<1	8.91	.3	11.9	37.4	208

08093500 Aquilla Creek near Aquilla, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 5

[<, less than; E, estimated; n, below the LRL and above the LT-MDL]

Date	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Ortho-phosphate, water, fltrd, mg/L (00660)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Organic carbon, water, unfltrd, mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC, mg/L (00310)	Aluminum, water, fltrd, ug/L (01106)
Jan 11...	27	.66	.05	.88	.90	.017	.61	.046	.015	.039	7.1	<2.0	E1n

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 5

[<, less than; E, estimated; n, below the LRL and above the LT-MDL]

Date	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Mercury, water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
Jan 11...	.21	3.1	43	<.06	<.04	<.8	.193	3.7	.11	3.2	<.01	3.3	2.37

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 5

[<, less than; E, estimated; n, below the LRL and above the LT-MDL]

Date	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)
Jan 11...	1.1	<.2	3.4	1.15