Brazos River Basin – CAMS 703 Gatesville Water Site

Location 31°25'35" North 97°44'57" West

Surface Water pH, Calendar Year 2004
Daily Mean Values

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	8.0	8.1	8.1	8.2	7.9	8.1	8.0	ID[N=17]	7.6	8.0	8.2	ND
2	8.0	8.1	8.1	8.2	7.9	ID[N=9]	7.9	ND	7.6	7.9	8.2	ID[N=12]
3	7.9	8.1	8.1	7.9	7.9	ND	7.7	ND	7.6	8.0	8.3	7.9
4	7.9	8.1	8.0	8.1	7.7	ND	7.6	ND	7.6	8.0	8.4	7.9
5	7.9	8.2	7.9	8.1	7.8	ND	7.5	ID[N=12]	7.6	7.9	8.4	7.9
6	8.0	8.3	8.0	8.0	7.7	ND	7.4	8.0	7.5	7.9	8.4	7.9
7	8.1	8.3	7.9	8.0	7.9	ND	7.3	8.0	7.6	7.9	8.4	7.8
8	8.1	8.2	7.9	7.9	7.9	ND	7.6	8.0	7.6	8.1	8.4	7.8
9	8.1	8.1	7.9	7.9	7.9	ND	7.8	7.9	7.8	8.1	8.4	7.8
10	8.1	8.0	7.9	7.9	8.0	ID[N=13]	7.8	7.9	8.0	8.0	8.4	7.8
11	8.1	8.0	8.0	8.0	8.0	7.7	7.8	7.9	8.0	8.0	8.4	7.9
12	8.1	8.0	8.1	8.0	8.0	7.7	7.9	7.8	8.0	8.1	8.5	7.9
13	8.0	8.0	8.1	8.0	8.1	7.8	7.9	7.7	8.0	8.1	8.5	7.9
14	8.0	8.0	8.1	8.0	8.1	7.8	7.9	7.7	8.0	8.1	8.5	7.9
15	7.8	8.0	8.1	8.0	8.1	7.8	7.9	7.8	8.0	8.1	8.5	8.0
16	7.7	8.0	8.1	8.0	8.1	ID[N=11]	7.9	7.8	7.9	8.1	8.3	8.1
17	8.0	7.9	8.0	7.9	8.2	ND	7.9	ID[N=17]	7.9	8.1	ID[N=10]	8.2
18	8.0	8.1	8.1	8.0	8.1	ND	7.9	8.0	7.9	8.1	ND	8.2
19	8.1	8.2	8.1	8.0	8.1	ND	7.9	7.9	7.9	8.1	ND	8.2
20	8.2	8.2	8.2	8.1	8.0	ND	8.0	7.8	8.0	8.1	ND	8.2
21	8.1	8.1	8.2	8.1	8.0	ID[N=11]	8.0	7.6	8.0	8.2	ND	8.2
22	7.9	8.1	8.2	8.1	8.0	7.8	8.0	7.6	8.0	8.2	ND	8.2
23	7.9	8.0	8.2	8.0	8.0	7.8	8.0	7.5	8.0	8.2	ND	8.2
24	7.9	8.0	8.2	7.9	8.0	7.8	8.0	ID[N=13]	8.0	8.2	ND	8.3
25	7.9	8.1	8.1	7.7	8.0	7.8	8.0	ND	8.0	8.2	ND	8.3
26	7.9	8.0	8.1	7.8	8.1	7.8	8.1	ND	8.0	8.2	ND	8.3
27	7.9	7.9	8.1	7.8	8.1	7.7	8.1	ND	8.1	8.2	ND	8.2
28	7.9	7.9	8.1	7.7	8.1	7.6	8.1	ND	8.0	8.2	ND	8.2
29	7.9	7.9	8.1	7.7	8.1	7.7	7.9	ND	7.9	8.2	ND	8.2
30	8.1	--	8.1	7.6	8.1	7.8	7.8	ID[N=10]	7.9	8.2	ND	8.1
31	8.1	--	8.1	–	8.1	–	7.6	7.6	–	8.2	--	8.1
Monthly Summaries Based on Daily Data												
Mean	8.0	8.1	8.1	7.9	8.0	7.8	7.8	7.8	7.9	8.1	8.4	8.1
Max	8.2	8.3	8.2	8.2	8.2	8.1	8.1	8.0	8.1	8.2	8.5	8.3
Min	7.7	7.9	7.9	7.6	7.7	7.6	7.3	7.5	7.5	7.9	8.2	7.8

Summary Statistics	For 2002 (March 1 - December 31)	For 2003 Calendar Year	For 2004 Calendar Year
Annual Mean	8.0	8.0	8.0
Highest Daily Mean	8.4	8.4	8.5
Lowest Daily Mean	7.1	7.3	7.3

This site began collecting Surface Water pH on March 1 2002

Daily values are based on 24 hourly averages per day

ID[N=5] – ID = insufficient data; 75% or less of data available for day of interest; N = number of hourly averages available for day

ND refers to data that were invalidated or lost