

Table 2. Analytical Results for CSSA Water Well Samples

Well Number	Sampling Date	Bromodichloro- methane (µg/L)	Chloroform (µg/L)	Dibromochloro- methane (µg/L)	Dichloro- methane (methylene chloride) (µg/L)**	Tetrachloro- ethene (µg/L)	Trichloro- ethene (µg/L)	<i>trans</i> -1,2- Dichloroethene (µg/L)	<i>cis</i> -1,2- Dichloroethene*** (µg/L)
1	8-Aug-91	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3-Nov-92	4.7	7.3	4.5	3.0	<0.5	<0.5	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0
2	4-Nov-92	<0.5	<0.5	<0.5	3.2	0.52	<0.5	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	0.44	<1.2	<1.0	<1.0
3	4-Nov-92	<0.5	<0.5	<0.5	<2.0	1.1	<0.5	<0.5	NA
	26-May-94	<1.0 (<1.0)	<0.5 (<0.5)	<0.9 (<0.9)	<1.0 (<1.0)	0.95 (0.92)	<1.2 (<1.2)	<1.0 (<1.0)	<1.0 (<1.0)
4	4-Dec-91	ND	ND	ND	ND	ND	ND	ND	NA
	4-Nov-92	<0.5	<0.5	<0.5	<2.0	2.8	1.1	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	2.6	<1.2	<1.0	<1.0
6	26-May-94	<1.0	<0.5	<0.9	<1.0	1.5	<1.2	<1.0	<1.0
9	9-Aug-91	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0
10	9-Aug-91	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5-Nov-92	<0.5	<0.5	<0.5	5.8	<0.5	<0.5	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0
11	9-Aug-91	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	25-May-94	1.9 (1.9)	6.5 (6.0)	2.6 (2.6)	<1.0 (<1.0)	<0.3 (<0.3)	<1.2 (<1.2)	<1.0 (<1.0)	<1.0 (<1.0)
16	9-Aug-91	<1.0	<1.0	<1.0	<1.0	137	151	--	127
	23-Aug-91	<1.0	<1.0	<1.0	<1.0	196	509	--	69
	4-Dec-91	ND	ND	ND	ND	54	29	84	NA
(top)A	3-Nov-92	<0.5	<0.5	<0.5	<2.0	47	53	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	75	83	<1.0	75
(bottom)B	26-May-94	<1.0	<0.5	<0.9	<1.0	150	170	1.3	150

Table 2, continued

Well Number	Sampling Date	Bromodichloro-methane (µg/L)	Chloroform (µg/L)	Dibromochloro-methane (µg/L)	Dichloro-methane (methylene chloride) (µg/L)**	Tetrachloro-ethene (µg/L)	Trichloro-ethene (µg/L)	<i>trans</i> -1,2-Dichloroethene (µg/L)	<i>cis</i> -1,2-Dichloroethene*** (µg/L)
	MCL:	100*	100*	100*	5	5	5	100	70
D (top) A	4-Dec-91	ND	ND	ND	ND	ND	ND	43.0	NA
(bottom) B	5-Nov-92	<0.5	<0.5	<0.5	5.9	8.6	15	<0.5	NA
	5-Nov-92	<0.5	<0.5	<0.5	4.7	8.9	15	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	82	120	<1.0	76
G	4-Nov-92	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	NA
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0
H	3-Nov-92	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	NA
	25-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0
I	24-Nov-92	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	NA
	25-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0

## Notes:

All well water samples through May 1994 were collected through well pump or via bailer. Duplicate sample results shown in parentheses next to well water sample results.

- August '91 samples collected by Texas Department of Health.
- December '91 samples collected by Texas Water Commission.
- November '92 and May '94 samples collected by Engineering-Science.

ND = nondetect

NA = not analyzed

µg/L = micrograms per liter

MCL = maximum contaminant level

\* Chlorination by-products in water supply well (referenced in SDWA drinking water regulations as THMs, or trihalomethanes). MCL for total concentration of THMs is 100 µg/L.

\*\* November 1992 laboratory reports indicated "suspected laboratory contamination" for results greater than the detection limit.

\*\*\* *cis*- and *trans*-1,2-Dichloroethene were reported as one number by TDH (August 1991 analyses). *cis*-1,2-Dichloroethene reported as estimated number by Chemron (May 1994 analyses). However, *cis*-1,2-DCE is not a target constituent of SW 8010 and therefore was not part of the laboratory calibration mixture.

A Top samples collected from about 145' in well D and from 159' in well 16 below top of casing (water level).

B Bottom samples collected at approximately 260' in well D and 430' in well 16 below top of casing.