

Table 1. Analytical Results for CSSA Water Well Samples

Well Number	Sampling Date	Dichloro-				Trichloro-ethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene*** (µg/L)	1,1-Dichloroethene (µg/L)	
		Bromodichloro-methane (µg/L)	Chloroform (µg/L)	Dibromochloro-methane (µg/L)	Dichloro-methane (methylene chloride) (µg/L)**					Tetrachloro-ethene (µg/L)
	MCL:	100*	100*	100*	5	5	5	100	70	7
1	8-Aug-91	<1.0	<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	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.0	<1.0	<1.0	<1.0
	30-Sept-94	<1.0	17.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
2	4-Nov-92	<0.5	<0.5	<0.5	3.2	0.52	<0.5	<0.5	NA	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	0.44	<1.2	<1.0	<1.0	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<1.0	NA	<1.0
3	4-Nov-92	<0.5	<0.5	<0.5	<2.0	1.1	<0.5	<0.5	NA	<1.0
	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)	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	NA	<1.0
4	4-Dec-91	ND	ND	ND	ND	ND	ND	ND	NA	<1.0
	4-Nov-92	<0.5	<0.5	<0.5	<2.0	2.8	1.1	<0.5	NA	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	2.6	<1.2	<1.0	NA	<1.0
6	26-May-94	<1.0	<0.5	<0.9	<1.0	1.5	<1.2	<1.0	<1.0	<1.0
9	9-Aug-91	<1.0	<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	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
10	9-Aug-91	<1.0	<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	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	8.0	<1.0	<1.0	<1.0	NA	<1.0
11	9-Aug-91	<1.0	<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)	<1.0
	30-Sept-94	<1.0	7.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
16	9-Aug-91	<1.0	<1.0	<1.0	<1.0	137	151	-	127	<1.0
	23-Aug-91	<1.0	<1.0	<1.0	<1.0	196	509	-	69	<1.0
	4-Dec-91	ND	ND	ND	ND	54	29	84	NA	<1.0
	3-Nov-92	<0.5	<0.5	<0.5	<2.0	47	53	<0.5	NA	<1.0
(top)A	26-May-94	<1.0	<0.5	<0.9	<1.0	75	83	<1.0	75	<1.0
(bottom)B	26-May-94	<1.0	<0.5	<0.9	<1.0	150	170	13	150	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	<1.0	81	81	<1.0	NA	<1.0

Table 1, 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)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene*** (µg/L)	1,1-Dichloroethene (µg/L)
	MCL: †	100*	100*	100*	5	5	5	100	70	7
D (top) A (bottom) B	4-Dec-91	ND	ND	ND	ND	ND	ND	43.0	NA	<1.0
	5-Nov-92	<0.5	<0.5	<0.5	5.9	8.6	15	<0.5	NA	<1.0
	5-Nov-92	<0.5	<0.5	<0.5	4.7	8.9	15	<0.5	NA	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	82	120	<1.0	76	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	<1.0	110	130	<1.0	NA	<1.0
G	4-Nov-92	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	NA	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	6.0	<1.0	<1.0	<1.0	NA	<1.0
H	3-Nov-92	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	NA	<1.0
	25-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0
I	24-Nov-92	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	NA	<1.0
	25-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	NA	<1.0

## Notes:

All well water samples through September 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, May '94, and September '94 samples collected by Parsons Engineering Science.

< = minimum detection limit (MDL)

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. Found in trip blank at a concentration of 5 µg/L in September 1994.

\*\*\* 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.

( ) Duplicate sample result is in parenthesis.