

Table 3

Analytical Results for CSSA Monitoring Well Samples, 1994-1995

Well Number	Sampling Date	MCL:	Bromodi-	Chloroform	Dibromo-	Dichloro-	Tetrachloro-	Trichloroeth-	<i>trans</i> -1,2-	<i>cis</i> -1,2-	1,1-Dichloro-
			chloromethane (µg/L)	(µg/L)	chloromethane (µg/L)	thane (methyl- ene chloride) (µg/L)**	ethene (µg/L)	ene (µg/L)	Dichloroeth- ene (µg/L)	ene*** (µg/L)	
1	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<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	<1.0	NA	<1.0
	19-Dec-94	2.0	18	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
2	30-Mar-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<0.8	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	0.44	<1.2	<1.0	<1.0	<1.0	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
3	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	6-Apr-95	<0.6	<0.6	<0.6	<0.8	1.0	<0.4	<0.8	<0.8	<0.8	<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(<1.0)	<1.0
4	30-Sept-94	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	6-Apr-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<0.8	<1.0
6	26-May-94	<1.0	<0.5	<0.9	<1.0	1.5	<1.2	<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	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	1.0
9	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	30-Mar-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<0.8	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0	<1.0
10	30-Sept-94	<1.0	<1.0	<1.0	8.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	30-Mar-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<0.8	<1.0
11	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(<1.0)	<1.0
	30-Sept-94	<1.0	7.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
30-Mar-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<0.8	<1.0	

Table 3-1, continued

Well Number	Sampling Date	Bromodi- chloroethane (µg/L)	Chloroform (µg/L)	Dibromo- chloroethane (µg/L)	Dichloro- thane (methyl- ene chloride) (µg/L)**	Tetrachloro- ethene (µg/L)	Trichloroeth- ene (µg/L)	<i>trans</i> -1,2- Dichloroeth- ene (µg/L)	<i>cis</i> -1,2- Dichloro- thane*** (µg/L)	1,1-Dichloro- ethene (µg/L)
MCL:		100*	100*	100*	5	5	5	100	70	7
16(a) (b)	26-May-94	<1.0	<0.5	<0.9	<1.0	75	83	<1.0	75	<1.0
	26-May-94	<1.0	<0.5	<0.9	<1.0	150	170	1.3	150	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	<1.0	81	81	<1.0	NA	<1.0
Cow Creek Upper Glen Rose	19-Dec-94	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	25 (24)	21 (20)	<1.0 (<1.0)	NA	<1.0 (<1.0)
	6-Apr-95	<0.6	<0.6	<0.6	<0.8	170	170	<0.8	270	<1.0
	7-Apr-95	<0.6 (<0.6)	<0.6 (<0.6)	<0.6 (<0.6)	<0.8 (<0.8)	170 (160)	170 (170)	<0.8 (<0.8)	280 (290)	<1.0 (<1.0)
D	26-May-94	<1.0	<0.5	<0.9	<1.0		82	<1.0	76	<1.0
	30-Sept-94	<1.0	<1.0	<1.0	<1.0	110	130	<1.0	NA	<1.0
	19-Dec-94	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	99 (120)	130 (130)	<1.0 (<1.0)	NA	<1.0 (<1.0)
G	6-Apr-95	<0.6	<0.6	<0.6	<0.8	110	130	<0.8	240	<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	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	7-Apr-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<1.0
	25-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0
I	25-Apr-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<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:	19-Dec-94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	7-Apr-95	<0.6	<0.6	<0.6	<0.8	<1.0	<0.4	<0.8	<0.8	<1.0
	25-May-94	<1.0	<0.5	<0.9	<1.0	<0.3	<1.2	<1.0	<1.0	<1.0

Analyses detected above laboratory detection limits are shown in bold font. All well water samples were collected through well pump or via bailer. Duplicate sample results shown in parentheses next to well water sample results.

< = minimum detection limit

ND = not analyzed

NA = not analyzed

µg/L = micrograms per liter

MCL = maximum contaminant level

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

** 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 159' in well 16 below top of casing (water level).

(b) Bottom samples collected at approximately 430' in well 16 below top of casing.