

Table 2
Groundwater VOC Analytical Results (1995-1998)

Well Number	Sample Date	Bromo-dichloro-methane * (ug/L)	Chloroform * (ug/L)	Dibromo-chloro-methane * (ug/L)	1,1-Dichloro-ethene (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	trans-1,2-Dichloro-ethene (ug/L)	Dichloro-methane (methylene chloride) (ug/L)	Tetra-chloroethene (ug/L)	Trichloroethene (ug/L)	
1	3/30/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1.0U	0.4U	
	6/13/95 ¹	3U	7	3U	5U	4U	4U	4U	5U	2U	
	8/25/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	12./11/95 ¹	3U	10	3U	5U	4U	4U	4U	5U	2U	
	2/28/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	1/7/97 ^{2,4}	0.13U	0.25 F	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	10/23/97 ^{2,4}	0.13U	1.5	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	11/6/98 ^{3,4}	NA	0.4U	NA	NA	0.3U	0.2U	NA	0.4U	0.22 F	
2	4/6/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1	0.4U	
	6/13/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	8/30/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	12/12/95 ¹	3U (3U)	3U (3U)	3U (3U)	5U (5U)	4U (4U)	4U (4U)	4U (4U)	5U (5U)	2U (2U)	
	2/29/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	1/15/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	10/23/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	11/6/98 ^{3,4}	NA	0.4U	NA	NA	0.3U	0.2U	NA	0.43	0.2U	
Chemron, Inc.	MCL	100	100	100	7	70	100	5	5	5	
	GW-Ind	100	100	100	7	70	100	5	5	5	
	PQL ¹	0.6	0.6	0.6	1	0.8	0.8	0.8	1	0.4	
	MDL ¹	MDLs not given by laboratory									
	ITS Laboratories	PQL ²	0.8	0.30	0.50	0.40	1.20	0.60	0.30	1.40	1.00
	ITS Laboratories	MDL ²	0.130	0.110	0.100	0.230	0.200	0.330	0.230	0.470	0.340
	DHL Analytical	PQL ³	NA	1.0	NA	NA	1.0	1.0	NA	1.0	1.0
DHL Analytical	MDL ³	NA	0.4	NA	NA	0.3	0.2	NA	0.4	0.2	
3	4/6/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1.0U	0.4U	
	6/13/95 ¹	3U(3U)	3U(3U)	3U(3U)	5U(5U)	4U(4U)	4U(4U)	4U(4U)	5U(5U)	2U(2U)	
	8/30/95 ¹	3U(3U)	3U(3U)	3U(3U)	5U(5U)	4U(4U)	4U(4U)	4U(4U)	5U(5U)	2U(2U)	
	12./12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	2/27/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	1/10/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	11/6/98 ^{3,4}	NA	0.4U	NA	NA	0.3U	0.2U	NA	0.9	0.2U	
4	4/6/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	2.1	0.9	
	6/13/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	

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Well Number	Sample Date	Bromo-dichloro-methane * (ug/L)	Chloroform * (ug/L)	Dibromo-chloro-methane * (ug/L)	1,1-Dichloro-ethene (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	trans-1,2-Dichloro-ethene (ug/L)	Dichloro-methane (methylene chloride) (ug/L)	Tetra-chloroethene (ug/L)	Trichloroethene (ug/L)	
4 (continued)	8/30/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	12./13/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
9	3/30/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1.0U	0.4U	
	6/12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	3U	
	8/29/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	12./12/95 ¹	3U	8	3U	5U	4U	4U	4U	5U	2U	
	2/28/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	1/6/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	10/23/97 ^{2,4}	0.13U	0.98	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
Chemron, Inc.	MCL	100	100	100	7	70	100	5	5	5	
	GW-Ind	100	100	100	7	70	100	5	5	5	
	PQL ¹	0.6	0.6	0.6	1	0.8	0.8	0.8	1	0.4	
	MDL ¹	MDLs not given by laboratory									
	ITS Laboratories	PQL ²	0.8	0.30	0.50	0.40	1.20	0.60	0.30	1.40	1.00
	ITS Laboratories	MDL ²	0.130	0.110	0.100	0.230	0.200	0.330	0.230	0.470	0.340
	DHL Analytical	PQL ³	NA	1.0	NA	NA	1.0	1.0	NA	1.0	1.0
	DHL Analytical	MDL ³	NA	0.4	NA	NA	0.3	0.2	NA	0.4	0.2
10	3/30/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1.0U	0.4U	
	6/12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	8/29/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	12./12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	2/26/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	1/7/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	10/23/97 ^{2,4}	0.13U	<0.11R	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
11/6/98 ^{3,4}	NA	0.4U	NA	NA	0.3U	0.2U	NA	.4U	0.2U		
11	3/30/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1.0U	0.4U	
	6/12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	8/29/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	12./15/95 ¹	3U	10	3U	5U	4U	4U	4U	5U	2U	
	2/29/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U	
	1/20/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U	
	10/23/97 ^{2,4}	0.13U	39.7J	0.10U	0.23U	0.20U	0.33U	0.862	0.47U	0.34U	
MCL	100	100	100	7	70	100	5	5	5		

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Well Number	Sample Date	Bromo-dichloro-methane * (ug/L)	Chloroform * (ug/L)	Dibromo-chloro-methane * (ug/L)	1,1-Dichloro-ethene (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	trans-1,2-Dichloro-ethene (ug/L)	Dichloro-methane (methylene chloride) (ug/L)	Tetra-chloroethene (ug/L)	Trichloroethene (ug/L)
11 (continued)	GW-Ind	100	100	100	7	70	100	5	5	5
Chemron, Inc.	PQL ¹	0.6	0.6	0.6	1	0.8	0.8	0.8	1	0.4
Chemron, Inc.	MDL ¹	MDLs not given by laboratory								
ITS Laboratories	PQL ²	0.8	0.30	0.50	0.40	1.20	0.60	0.30	1.40	1.00
ITS Laboratories	MDL ²	0.130	0.110	0.100	0.230	0.200	0.330	0.230	0.470	0.340
DHL Analytical	PQL ³	NA	1.0	NA	NA	1.0	1.0	NA	1.0	1.0
DHL Analytical	MDL ³	NA	0.4	NA	NA	0.3	0.2	NA	0.4	0.2
DHL Analytical										
16	4/6/95 ¹	0.6U	0.6U	0.6U	1.0U	270	0.8U	0.8U	170	170
	4/7/95 ¹	0.6U(0.6U)	0.6U(0.6U)	0.6U(0.6U)	1.0U(1.0U)	280(290)	0.8U(0.8U)	0.8U(0.8U)	170(160)	170(170)
	6/14/95 ¹	3U	3U	3U	5U	38	4U	4U	39	45
	8/30/95 ¹	3U	3U	3U	5U	72	4U	4U	78	83
	12./13/95 ¹	3U	3U	3U	5 U	63	4U	4U	64	77
	2/29/96 ¹	3U	3U	3U	5U	152	4U	4U	158	175
	1/21/97 ^{2,4}	0.13U R	<0.11 R	<0.10(R	<0.23R	51 R	<0.33 R	<0.23 R	9.42 R	29.8 R
	10/24/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	141 R	2.03	0.23U	130 R	134 R
	11/6/98 ^{3,4}	NA	0.4U	NA	NA	212	1.61	NA	204	233
Reservoir	3/1/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
D	4/6/95 ¹	0.6U	0.6U	0.6U	1.0U	240	0.8U	0.8U	110	130
	6/14/95 ¹	3U	3U	3U	5U	120	4U	4U	64	99
	8/30/95 ¹	3U	3U	3U	5U	86	4U	4U	80	88
	12./12/95 ¹	3U	3U	3U	5U	130	4U	4U	110	150
	2/29/96 ¹	3U	3U	3U	5U	81	4U	4U	72	98
	1/20/97 ^{2,4}	0.13U R	<0.11 R	<0.10 R	<0.23 R	<0.20 R	<0.33 R	<0.23 R	<0.47 R	<0.34 R
	10/24/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	145 R	14.6	0.23U	140 R	160 R
	MCL	100	100	100	7	70	100	5	5	5
	GW-Ind	100	100	100	7	70	100	5	5	5
Chemron, Inc.	PQL ¹	0.6	0.6	0.6	1	0.8	0.8	0.8	1	0.4
Chemron, Inc.	MDL ¹	MDLs not given by laboratory								
ITS Laboratories	PQL ²	0.8	0.30	0.50	0.40	1.20	0.60	0.30	1.40	1.00
ITS Laboratories	MDL ²	0.130	0.110	0.100	0.230	0.200	0.330	0.230	0.470	0.340
DHL Analytical	PQL ³	NA	1.0	NA	NA	1.0	1.0	NA	1.0	1.0
DHL Analytical	MDL ³	NA	0.4	NA	NA	0.3	0.2	NA	0.4	0.2

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DHL Analytical										
G	4/7/95 ¹	0.6U	0.6U	0.6U	1.0U	0.8U	0.8U	0.8U	1.0U	0.4U
	6/14/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	8/29/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	12./12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	2/28/96 ¹	3U	3U	3U	3U	4U	4U	4U	5U	2U
	1/17/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U
	10/24/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U
H	12/12/95 ¹	3U	3U	3U	3U	4U	4U	4U	5U	2U
	2/28/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	1/7/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U
	10/23/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U
	MCL	100	100	100	7	70	100	5	5	5
	GW-Ind	100	100	100	7	70	100	5	5	5
Chemron, Inc.	PQL ¹	0.6	0.6	0.6	1	0.8	0.8	0.8	1	0.4
Chemron, Inc.	MDL ¹	MDLs not given by laboratory								
ITS Laboratories	PQL ²	0.8	0.30	0.50	0.40	1.20	0.60	0.30	1.40	1.00
ITS Laboratories	MDL ²	0.130	0.110	0.100	0.230	0.200	0.330	0.230	0.470	0.340
DHL Analytical	PQL ³	NA	1.0	NA	NA	1.0	1.0	NA	1.0	1.0
DHL Analytical	MDL ³	NA	0.4	NA	NA	0.3	0.2	NA	0.4	0.2
DHL Analytical										
I	4/7/95 ¹	0.6U(0.6U)	0.6U(0.6U)	0.6U(0.6U)	1.0U(1.0U)	0.8U(0.8U)	0.8U(0.8U)	0.8U(0.8U)	1.0U(1.0U)	0.4U(0.4U)
	6/14/95 ¹	3U(3U)	3U(3U)	3U(3U)	5U(5U)	4U(4U)	4U(4U)	4U(4U)	5U(5U)	2U(2U)
	8/29/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	12./12/95 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	3/1/96 ¹	3U	3U	3U	5U	4U	4U	4U	5U	2U
	10/23/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	0.20U	0.33U	0.23U	0.47U	0.34U
MW-1	1/9/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	3.92	0.33U	0.23U	13.7	12.3
	10/23/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	29.6 R	2.47 R	0.23U	24.8 R	32.9 R
	11/6/98 ^{3,4}	NA	0.4U	NA	NA	27.3	0.34	NA	23	28.5
MW-2	1/10/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	1.14 F	0.33U	0.23U	6.74	7
	10/24/97 ^{2,4}	0.13U	0.11U	0.10U	0.23U	4.72	0.33U	0.23U	6.13	8.25
	11/6/98 ^{3,4}	NA	0.4U	NA	NA	4.4	0.2U	NA	9.33	9.62

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	MCL	100	100	100	7	70	100	5	5	5
	GW-Ind	100	100	100	7	70	100	5	5	5
Chemron, Inc.	PQL ¹	0.6	0.6	0.6	1	0.8	0.8	0.8	1	0.4
Chemron, Inc.	MDL ¹	MDLs not given by laboratory								
ITS Laboratories	PQL ²	0.8	0.30	0.50	0.40	1.20	0.60	0.30	1.40	1.00
ITS Laboratories	MDL ²	0.130	0.110	0.100	0.230	0.200	0.330	0.230	0.470	0.340
DHL Analytical	PQL ³	NA	1.0	NA	NA	1.0	1.0	NA	1.0	1.0
DHL Analytical	MDL ³	NA	0.4	NA	NA	0.3	0.2	NA	0.4	0.2

Notes:

Analytes 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 are shown in parenthesis next to well sample results.

- ug/L = micrograms per liter

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

- F = Laboratory data qualifier indicates the analyte was detected above the MDL but below the Practical Quantitation Limit (PQL).

- J = The analyte was positively identified below quantitation limits; the quantitation is an estimate.

- NA = Not sampled for this parameter

- R = The data are unusable with deficiencies in the ability to analyze the sample and meet criteria.

¹ = Chemron Incorporated

² = ITS Laboratories

³ = DHL Analytical

⁴ = Indicates data is screening analytical data only

Shaded areas indicate analytical data analyzed by ITS Laboratories.