Table 16. Trace elements in filtered ground-water samples collected for the Monterey Bay and Salinas Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study, California, July to October 2005.

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GAMA identification no.	Aluminum (µg/L) (01106)	Antimony (µg/L) (01095)	Arsenic (µg/L) (01000)	Barium (µg/L) (01005)	Beryllium (µg/L) (01010)	Boron (µg/L) (01020)	Cadmium (µg/L) (01025)	Chromium (µg/L) (01030)	Cobalt (µg/L) (01035)
Threshold type	**MCL-US**	**MCL-US**	**MCL-US**	**MCL-CA**	**MCL-US**	**NL**	**MCL-US**	**MCL-CA**	**na**
Threshold (µg/L)	**1,000**	**6**	**10**	**1,000**	**4**	**1,000**	**5**	**50**	**na**
[LRL]	**[2]**	**[0.2]**	**[0.2]**	**[0.2]**	**[0.06]**	**[8]**	**[0.04]**	**[0.8]**	**[0.014]**
MSMB-04	E1	—	—	4	—	88	—	—	0.073
MSMB-09	E0.9	—	0.6	26	—	64	—	14.2	0.059
MSMB-12	7	—	2.3	23	—	131	—	E0.04	—
MSMB-18	—	—	1.4	51	—	32	E0.03	13.1	0.059
MSMB-20	—	—	0.7	59	—	162	—	7.4	0.126
MSMB-22	E1	—	0.56	96	—	463	E0.02	0.07	0.161
MSMB-29	E1	—	2.6	46	—	656	0.37	E0.6	0.299
MSMB-30	E0.9	E0.11	3.3	89	—	46	0.04	3.5	0.183
MSMB-33	—	0.39	7.3	87	—	168	0.07	0.2	0.127
MSMB-35	E1	E0.14	V0.5	191	1.28	427	—	VE0.03	1.2
MSMB-37	VE1	E0.13	5.5	37	—	144	E0.02	0.13	0.094
MSMB-40	—	—	1.0	72	—	146	—	3.5	0.101
MSMB-44	—	—	1.2	48	—	325	0.14	6.6	E0.030
MSMB-45	—	—	0.8	62	—	30	0.07	—	0.267
MSMB-47	—	—	1.9	55	—	84	E0.03	6.3	0.061
MSMBFP-02	—	—	1.6	46	—	252	0.12	2.8	0.282
MSMBFP-03	—	—	1.4	128	—	87	0.18	5.4	0.125
MSMBMW-01	10	E0.17	3.2	78	0.06	129	E0.03	6.5	0.180
MSMBMW-02	20	E0.17	2.1	86	—	118	E0.03	7.3	0.050
MSMBMW-03	3	E0.17	2.7	71	—	49	0.04	4.2	0.180
MSPR-01	—	—	1.3	55	—	76	0.32	—	0.221
MSPR-08	—	E0.12	3.6	73	—	488	0.06	1.1	0.128
MSPR-10	—	—	1.3	16	—	753	0.07	—	0.390
MSSC-04	—	—	—	24	—	151	—	—	0.144
MSSC-06	—	—	0.2	22	—	47	—	—	0.179
MSSC-07	—	—	—	10	—	288	—	—	0.094
MSSC-08	E1	—	—	9.0	—	83	—	—	0.065
MSSV-01	—	—	4.8	13	—	285	—	—	0.192
MSSV-02	—	E0.11	1.3	41	—	80	0.11	E0.4	0.077
MSSV-03	—	—	2.6	55	—	240	0.04	E0.03	0.219
MSSV-07	E0.8	—	1.4	36	—	153	0.06	E0.7	0.112
MSSV-11	E0.9	—	0.8	54	—	34	0.13	1.2	0.082
MSSV-18	E1	—	1.6	108	—	330	E0.03	3.7	0.106
MSSV-19	E0.8	—	1.8	40	—	208	0.05	4.7	0.108

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GAMA identification no.	Copper (µg/L) (01040)	Iron (µg/L) (01046)	Lead (µg/L) (01049)	Lithium (µg/L) (01130)	Manganese (µg/L) (01056)	Mercury (µg/L) (71890)	Molybdenum (µg/L) (01060)	Nickel (µg/L) (01065)	Selenium (µg/L) (01145)
Threshold type	**TT-US**	**SMCL-US**	**NL**	**na**	**SMCL-US**	**MCL-US**	**HAL-US**	**MCL-CA**	**MCL-US**
Threshold (µg/L)	**1,300**	**300**	**15**	**na**	**50**	**2**	**40**	**100**	**50**
[LRL]	**[0.4]**	**[6]**	**[0.08]**	**[0.6]**	**[0.2]**	**[0.01]**	**[0.4]**	**[0.06]**	**[0.4]**
MSMB-04	4.4	48	0.55	10.9	13.3	—	2.1	1.22	—
MSMB-09	E0.4	18	0.25	13.2	0.6	—	5.0	1.80	0.9
MSMB-12	VE0.3	11	—	45	5.5	—	4.5	0.42	E0.1
MSMB-18	0.7	—	0.14	16.1	—	—	0.9	1.35	0.9
MSMB-20	0.8	—	0.85	18.2	1.6	—	2.3	2.68	2.0
MSMB-22	—	90	—	12.8	*60.8	—	4.2	1.41	—
MSMB-29	3.9	VE4.0	3.60	19.4	3.2	—	36.7	4.74	9.8
MSMB-30	4.0	9.0	0.94	29	1.3	E.010	2.7	4.26	4.8
MSMB-33	VE0.2	87	0.46	5.8	*208	—	*42.6	0.87	0.2
MSMB-35	2.0	35	E0.15	19.3	*2,410	—	3.7	7.24	0.1
MSMB-37	V1.9	VE6.0	0.38	56.1	VE0.1	—	6.3	1.67	—
MSMB-40	1.5	—	0.82	15.6	E0.1	—	3.6	1.47	0.6
MSMB-44	0.68	E4.0	0.59	35	0.6	—	8.2	0.76	6.2
MSMB-45	0.6	*2,830	0.14	3.4	*170	—	3.7	2.74	0.5
MSMB-47	0.6	10	1.99	16.6	0.8	—	6.8	1.49	1.4
MSMBFP-02	2.2	VE3.0	0.65	30.8	—	—	4.6	5.49	2.4
MSMBFP-03	2.3	23	0.43	17.2	0.3	.050	1.8	2.99	6.2
MSMBMW-01	0.6	—	—	25.8	0.4	—	10.4	1.42	0.8
MSMBMW-02	0.42	—	—	43.3	0.8	—	11.5	2.10	1.0
MSMBMW-03	0.45	—	—	28.4	1	—	4.9	4.20	1.9
MSPR-01	2.0	E4.0	3.52	7.9	0.2	—	6.2	4.67	7.3
MSPR-08	1.9	10	0.09	86.1	1	.030	17.8	2.44	2.7
MSPR-10	5.4	185	—	110	*78.4	—	18.2	5.20	17.6
MSSC-04	0.7	37	—	71	13.8	—	2.1	4.04	0.4
MSSC-06	0.7	*657	0.09	19.1	*197	—	2.8	3.44	0.7
MSSC-07	E0.3	92	E0.06	45.7	38.8	—	2.9	1.84	—
MSSC-08	VE0.2	218	0.38	35.2	*63	—	2.3	0.80	—
MSSV-01	1.1	*508	6.62	95.6	34.5	—	18.2	4.17	0.4
MSSV-02	0.4	—	0.33	8.8	5.1	—	4.8	1.73	0.4
MSSV-03	V1.5	33	0.17	25.5	*536	—	6.3	3.52	0.4
MSSV-07	1.2	6.0	4.03	16.5	E0.2	—	4.0	0.48	1.2
MSSV-11	0.6	—	0.17	9.4	E0.2	—	6.2	2.20	0.9
MSSV-18	0.8	24	0.29	33.7	19.3	—	11.5	1.03	1.6
MSSV-19	1.0	7.0	0.15	23.5	2.7	—	9.5	1.93	2.0

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GAMA identification no.	Silver (µg/L) (01075)	Strontium (µg/L) (01080)	Thallium (µg/L) (01057)	Tungsten (µg/L) (01155)	Uranium (µg/L) (22703)	Vanadium (µg/L) (01085)	Zinc (µg/L) (01090)
Threshold type	**na**	**HAL-US**	**MCL-US**	**na**	**MCL-US**	**NL**	**SMCL-US**
Threshold (µg/L)	**na**	**4,000**	**2**	**na**	**30**	**50**	**5,000**
[LRL]	**[0.2]**	**[0.4]**	**[0.04]**	**[0.5]**	**[0.04]**	**[0.1]**	**[0.04]**
MSMB-04	—	276	—	—	0.74	0.3	3.0
MSMB-09	—	248	—	—	0.50	3.7	6.5
MSMB-12	—	284	—	—	E0.03	—	E0.38
MSMB-18	—	239	—	—	0.91	12.6	0.8
MSMB-20	—	504	—	—	1.72	4.4	1.4
MSMB-22	—	698	—	—	2.38	4.8	E0.59
MSMB-29	—	785	—	—	17.20	7.3	8.0
MSMB-30	—	494	E0.02	—	5.94	7.1	4.5
MSMB-33	—	245	—	—	0.21	1.0	4.0
MSMB-35	—	699	—	—	1.35	3.0	6.6
MSMB-37	—	374	—	—	1.79	11.1	3.2
MSMB-40	—	326	—	—	4.80	16.7	8.2
MSMB-44	—	996	—	—	18.50	4.9	3.9
MSMB-45	—	255	—	—	0.20	0.8	1.8
MSMB-47	—	395	—	—	3.00	12.8	2.5
MSMBFP-02	—	696	—	—	13.10	9.7	4.3
MSMBFP-03	—	671	—	—	9.12	6.2	2.9
MSMBMW-01	—	401	—	0.9	3.50	18.9	E0.4
MSMBMW-02	—	332	—	0.4	2.21	12.4	—
MSMBMW-03	—	260	—	0.5	2.21	3.9	0.97
MSPR-01	—	455	0.04	—	2.58	2.4	3.1
MSPR-08	—	1,330	—	—	18.30	20.5	9.4
MSPR-10	—	1,790	—	—	28.90	6.8	3.3
MSSC-04	—	900	—	—	—	0.3	2.6
MSSC-06	—	226	—	—	E0.03	—	10.0
MSSC-07	—	467	—	—	—	0.4	1.7
MSSC-08	—	281	—	0.2	—	—	3.0
MSSV-01	—	1,530	0.05	—	0.37	E0.1	1,470
MSSV-02	—	326	—	—	1.42	3.4	1.0
MSSV-03	—	688	—	—	3.00	0.8	4.6
MSSV-07	—	344	—	—	1.09	3.7	1.7
MSSV-11	—	293	—	—	4.08	3.7	E0.5
MSSV-18	—	572	—	—	2.83	9.4	1.4
MSSV-19	—	436	—	—	4.13	9.6	3.7