

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994–2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-01PT	11/29/1994	262.2	148.0	141	4.00	--	1802	<0.51	107.44
FSW 343-M01-02GNT	11/29/1994	237.0	189.8	121	3.51	--	1234	<0.51	96.29
FSW 343-M01-03RT	11/29/1994	113.8	106.6	75	1.40	--	939	<0.51	24.32
FSW 343-M01-04BUT	11/29/1994	170.9	149.0	128	3.13	--	595	<0.51	21.13
FSW 343-M01-05BKT	11/29/1994	0.7	83.8	162	<0.20	--	414	<0.51	<3.23
FSW 343-M01-06WT	11/29/1994	<0.2	50.0	172	0.21	--	597	<0.51	<3.23
FSW 343-M01-06WT-D	11/29/1994	<0.2	56.0	174	0.22	--	628	<0.51	<3.23
FSW 343-M01-07O	11/29/1994	<0.2	79.0	188	0.95	--	632	<0.51	<3.23
FSW 343-M01-08GY	11/29/1994	1.0	50.9	242	0.94	--	619	<0.51	3.84
FSW 343-M01-09Y	11/29/1994	<0.2	29.9	116	<0.20	--	259	<0.51	3.34
FSW 343-M01-10P	11/29/1994	<0.2	30.2	79	<0.20	--	239	<0.51	6.51
FSW 343-M01-11GN	11/29/1994	<0.2	29.0	75	<0.20	--	241	<0.51	7.12
FSW 343-M01-12R	11/29/1994	<0.2	42.0	88	2.95	--	248	<0.51	7.36
FSW 343-M01-13BU	11/29/1994	1.1	24.8	82	0.24	--	274	<0.51	5.73
FSW 343-M01-14BK	11/29/1994	0.2	30.9	88	<0.20	--	267	<0.51	6.89
FSW 343-M02-01PT	11/29/1994	0.4	229.6	141	5.40	--	2377	0.609	26.38
FSW 343-M02-02GNT	11/29/1994	0.4	222.0	174	6.73	--	2718	<0.51	12.18
FSW 343-M02-03RT	11/29/1994	0.3	239.3	171	6.01	--	2708	<0.51	5.41
FSW 343-M02-04BUT	11/29/1994	0.3	225.7	129	3.50	--	2317	<0.51	13.05
FSW 343-M02-05BKT	11/29/1994	0.4	203.5	109	3.06	--	2340	<0.51	5.52
FSW 343-M02-06WT	11/29/1994	0.4	301.8	122	2.74	--	2487	<0.51	3.88
FSW 343-M02-07O	11/29/1994	0.2	323.4	308	3.45	--	2399	<0.51	3.23
FSW 343-M02-07O-D	11/29/1994	0.4	314.3	302	3.36	--	2364	<0.51	<3.23
FSW 343-M02-08GY	11/29/1994	264.3	130.3	154	4.91	--	2438	<0.51	94.70
FSW 343-M02-09Y	11/29/1994	288.9	167.0	186	5.00	--	2352	<0.51	89.86

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-10P	11/29/1994	252.3	169.5	181	4.20	--	2574	<0.51	97.52
FSW 343-M02-11GN	11/29/1994	242.7	173.8	176	3.91	--	2458	<0.51	92.74
FSW 343-M02-12R	11/29/1994	249.1	141.0	168	3.98	--	2291	<0.51	89.19
FSW 343-M02-13BU	11/29/1994	224.1	105.7	158	3.78	--	1814	<0.51	107.32
FSW 343-M02-14BK	11/29/1994	243.8	153.0	134	3.85	--	1587	<0.51	99.35
FSW 343-M02-15W	11/29/1994	253.7	135.5	147	3.97	--	1388	<0.51	99.38
FSW 343-M03-02GNT (1-19)	11/29/1994	<0.2	41.2	73	0.80	--	432	<0.51	<3.23
FSW 343-M03-03RT (1-19)	11/29/1994	0.2	28.8	48	2.27	--	310	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	11/29/1994	<0.2	85.0	112	<0.20	--	712	<0.51	12.65
FSW 343-M03-05BKT (1-19)	11/30/1994	0.2	114.6	158	0.27	--	932	<0.51	21.38
FSW 343-M03-06WT (1-19)	11/30/1994	0.2	147.4	168	0.88	--	1031	<0.51	25.04
FSW 343-M03-07O (1-19)	11/30/1994	0.2	221.9	135	1.76	--	1140	<0.51	26.70
FSW 343-M03-08GY (1-19)	11/30/1994	0.3	242.6	150	3.29	--	1190	<0.51	23.52
FSW 343-M03-09Y (1-19)	11/30/1994	0.2	198.9	159	4.24	--	1362	<0.51	18.44
FSW 343-M03-09Y (1-19)-D	11/30/1994	0.2	197.0	156	4.16	--	1340	<0.51	18.17
FSW 343-M03-10P (1-19)	11/30/1994	0.2	213.8	139	3.70	--	1753	<0.51	15.50
FSW 343-M03-11GN (1-19)	11/30/1994	0.3	228.1	144	4.25	--	2004	<0.51	12.47
FSW 343-M03-12R (1-19)	11/30/1994	0.3	241.6	160	5.64	--	2257	<0.51	10.88
FSW 343-M03-13BU (1-19)	11/29/1994	0.3	246.5	166	6.28	--	2382	<0.51	7.15
FSW 343-M03-14BK (1-19)	11/29/1994	0.3	268.3	197	7.79	--	2377	<0.51	4.85
FSW 343-M03-15W (1-19)	11/29/1994	<0.2	54.1	136	5.00	--	335	<0.51	8.53
FSW 343-M03-15W (1-19)-D	11/29/1994	0.4	270.0	191	7.95	--	2372	<0.51	5.49
FSW 343-M01-01PT	6/18/1996	332.5	152.6	197	4.92	--	1632	<0.51	105.80
FSW 343-M01-02GNT	6/18/1996	499.9	139.9	177	5.91	--	1506	<0.51	75.48

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-03RT	6/18/1996	34.2	98.3	52	1.14	--	1581	<0.51	6.56
FSW 343-M01-04BUT	6/18/1996	34.8	118.5	15	0.67	--	1575	<0.51	7.64
FSW 343-M01-05BKT	6/18/1996	0.2	68.8	66	<0.20	--	1066	<0.51	<3.23
FSW 343-M01-06WT	6/18/1996	<0.2	44.5	124	<0.20	--	756	<0.51	<3.23
FSW 343-M01-07O	6/18/1996	<0.2	53.3	126	0.37	--	1025	<0.51	<3.23
FSW 343-M01-08GY	6/18/1996	<0.2	39.8	156	0.31	--	785	<0.51	3.38
FSW 343-M01-08GY-D	6/18/1996	<0.2	43.7	151	0.31	--	760	<0.51	3.30
FSW 343-M01-09Y	6/18/1996	<0.2	30.0	166	<0.20	--	389	<0.51	3.72
FSW 343-M01-10P	6/18/1996	<0.2	26.6	75	<0.20	--	289	<0.51	7.43
FSW 343-M01-11GN	6/18/1996	<0.2	22.2	69	<0.20	--	240	<0.51	7.92
FSW 343-M01-12R	6/18/1996	<0.2	41.9	103	1.23	--	261	<0.51	7.12
FSW 343-M01-14BK	6/18/1996	<0.2	31.6	83	<0.20	--	249	<0.51	7.54
FSW 343-M01-15W	6/18/1996	<0.2	53.0	132	5.30	--	312	<0.51	8.38
FSW 343-M02-01PT	6/17/1996	0.5	394.7	219	11.30	--	2652	<0.51	45.41
FSW 343-M02-02GNT	6/17/1996	0.5	388.0	219	8.98	--	2856	<0.51	41.25
FSW 343-M02-02GNT-D	6/17/1996	1.0	376.6	227	9.28	--	2985	<0.51	42.81
FSW 343-M02-03RT	6/17/1996	0.5	389.3	211	7.74	--	3024	<0.51	42.85
FSW 343-M02-04BUT	6/18/1996	0.4	326.4	172	4.80	--	2523	<0.51	42.99
FSW 343-M02-05BKT	6/18/1996	0.4	308.1	201	4.99	--	2664	<0.51	59.72
FSW 343-M02-06WT	6/18/1996	0.6	209.8	186	4.03	--	2793	<0.51	4.40
FSW 343-M02-07O	6/18/1996	0.6	417.0	247	4.21	--	2898	<0.51	<3.23
FSW 343-M02-08GY	6/18/1996	0.4	331.4	210	1.51	--	2561	<0.51	<3.23
FSW 343-M02-09Y	6/18/1996	165.3	213.9	106	3.09	--	2631	<0.51	59.91
FSW 343-M02-10P	6/18/1996	233.8	157.5	147	3.78	--	2646	<0.51	123.61
FSW 343-M02-11GN	6/18/1996	210.2	157.0	126	3.22	--	2585	<0.51	136.93

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-11GN-D	6/18/1996	202.8	154.4	122	3.13	--	2462	<0.51	134.32
FSW 343-M02-12R	6/18/1996	234.2	163.2	120	3.75	--	2521	<0.51	148.65
FSW 343-M02-13BU	6/18/1996	571.4	272.4	235	9.39	--	2202	<0.51	105.20
FSW 343-M02-14BK	6/18/1996	503.5	193.7	286	7.92	--	2119	<0.51	105.50
FSW 343-M02-15W	6/18/1996	506.2	173.3	273	6.47	--	1960	<0.51	111.80
FSW 343-M03-01PT (1-19)	6/17/1996	<0.2	17.6	54	0.29	--	288	<0.51	<3.23
FSW 343-M03-01PT (1-19)-R	6/17/1996	<0.2	16.9	51	0.26	--	248	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	6/17/1996	<0.2	20.4	45	0.40	--	234	<0.51	<3.23
FSW 343-M03-02GNT (1-19)-R	6/17/1996	<0.2	15.1	45	0.39	--	209	<0.51	<3.23
FSW 343-M03-03RT (1-19)	6/17/1996	<0.2	21.5	56	<0.20	--	297	<0.51	<3.23
FSW 343-M03-03RT (1-19)-R	6/17/1996	<0.2	19.3	54	<0.20	--	267	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	6/17/1996	<0.2	49.9	42	<0.20	--	464	<0.51	5.14
FSW 343-M03-04BUT (1-19)-R	6/17/1996	<0.2	54.7	42	<0.20	--	424	<0.51	5.70
FSW 343-M03-05BKT (1-19)	6/17/1996	<0.2	103.2	50	<0.20	--	606	<0.51	22.49
FSW 343-M03-05BKT (1-19)-R	6/17/1996	<0.2	92.6	49	<0.20	--	559	<0.51	21.17
FSW 343-M03-05BKT (1-19)-D	6/17/1996	<0.2	101.9	51	<0.20	--	638	<0.51	23.22
FSW 343-M03-05BKT (1-19)-D-R	6/17/1996	<0.2	92.2	51	<0.20	--	569	<0.51	22.29
FSW 343-M03-06WT (1-19)	6/17/1996	<0.2	122.6	65	<0.20	--	850	<0.51	24.41
FSW 343-M03-06WT (1-19)-R	6/17/1996	<0.2	127.7	66	<0.20	--	820	<0.51	23.15
FSW 343-M03-07O (1-19)	6/17/1996	<0.2	164.8	89	1.25	--	1247	<0.51	26.27
FSW 343-M03-07O (1-19)-R	6/17/1996	<0.2	158.0	89	1.22	--	1187	<0.51	24.79
FSW 343-M03-08GY (1-19)	6/17/1996	0.3	236.4	140	4.19	--	1821	<0.51	26.71
FSW 343-M03-08GY (1-19)-R	6/17/1996	0.3	218.6	141	4.18	--	1770	<0.51	26.58
FSW 343-M03-09Y (1-19)	6/17/1996	0.4	286.4	198	8.03	--	2399	<0.51	27.21
FSW 343-M03-09Y (1-19)-R	6/17/1996	0.4	258.5	186	7.49	--	2151	<0.51	25.13

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-10P (1-19)	6/17/1996	0.5	315.6	220	11.09	--	2607	<0.51	27.00
FSW 343-M03-10P (1-19)-R	6/17/1996	0.4	265.0	199	10.04	--	2225	<0.51	23.57
FSW 343-M03-11GN (1-19)	6/17/1996	0.5	333.7	208	11.13	--	2515	<0.51	28.31
FSW 343-M03-11GN (1-19)-R	6/17/1996	0.4	298.4	193	10.27	--	2205	<0.51	26.83
FSW 343-M03-12R (1-19)	6/17/1996	0.5	365.0	208	11.18	--	2497	<0.51	31.64
FSW 343-M03-12R (1-19)-R	6/17/1996	0.4	313.6	192	10.35	--	2193	<0.51	28.04
FSW 343-M03-13BU (1-19)	6/17/1996	0.4	362.4	199	10.05	--	2500	<0.51	33.82
FSW 343-M03-13BU (1-19)-R	6/17/1996	0.4	301.5	183	9.20	--	2168	<0.51	28.97
FSW 343-M03-14BK (1-19)	6/17/1996	0.5	378.2	200	9.10	--	2556	<0.51	23.33
FSW 343-M03-14BK (1-19)-R	6/17/1996	0.4	313.6	185	8.35	--	2207	<0.51	20.63
FSW 343-M03-14BK (1-19)-D	6/17/1996	0.5	372.0	200	9.14	--	2541	<0.51	23.24
FSW 343-M03-14BK (1-19)-D-R	6/17/1996	0.5	314.6	189	8.57	--	2265	<0.51	21.63
FSW 343-M03-15W (1-19)	6/17/1996	0.5	365.5	200	8.72	--	2679	<0.51	17.83
FSW 343-M03-15W (1-19)-R	6/17/1996	0.4	302.9	182	7.84	--	2271	<0.51	15.77
FSW 343-M01-01PT	11/18/1996	362.5	163.1	184	5.50	--	2432	<0.51	92.11
FSW 343-M01-02GNT	11/18/1996	402.3	133.2	116	4.61	--	2222	<0.51	69.06
FSW 343-M01-03RT	11/18/1996	0.9	154.0	174	2.76	--	1782	<0.51	<3.23
FSW 343-M01-04BUT	11/18/1996	3.1	149.0	111	2.61	--	1578	<0.51	<3.23
FSW 343-M01-04BUT-D	11/18/1996	3.8	171.0	119	2.79	--	1626	<0.51	<3.23
FSW 343-M01-05BKT	11/18/1996	0.3	98.8	233	0.21	--	1261	<0.51	<3.23
FSW 343-M01-06WT	11/18/1996	<0.2	34.7	132	<0.20	--	711	<0.51	<3.23
FSW 343-M01-07O	11/18/1996	<0.2	39.5	122	0.34	--	631	<0.51	<3.23
FSW 343-M01-08GY	11/18/1996	<0.2	18.2	72	<0.20	--	515	<0.51	3.66
FSW 343-M01-09Y	11/18/1996	<0.2	13.9	56	<0.20	--	327	<0.51	3.51
FSW 343-M01-10P	11/18/1996	<0.2	17.6	59	<0.20	--	258	<0.51	6.66

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-11GN	11/18/1996	<0.2	10.2	59	<0.20	--	239	<0.51	6.76
FSW 343-M01-12R	11/18/1996	<0.2	41.6	90	0.66	--	243	<0.51	6.87
FSW 343-M01-14BK	11/18/1996	<0.2	19.8	85	<0.20	--	261	<0.51	6.99
FSW 343-M01-14BK-D	11/18/1996	<0.2	35.8	84	<0.20	--	252	<0.51	5.41
FSW 343-M01-15W	11/18/1996	<0.2	38.7	130	4.95	--	305	<0.51	7.26
FSW 343-M02-01PT	11/18/1996	0.4	293.4	149	6.10	--	1957	<0.51	49.20
FSW 343-M02-02GNT	11/18/1996	0.4	244.5	175	6.69	--	2423	<0.51	44.92
FSW 343-M02-03RT	11/18/1996	0.4	237.9	161	5.70	--	2449	<0.51	41.17
FSW 343-M02-04BUT	11/18/1996	0.4	400.2	116	3.15	--	2563	<0.51	64.03
FSW 343-M02-05BKT	11/18/1996	0.3	210.1	148	3.45	--	2342	<0.51	45.69
FSW 343-M02-06WT	11/18/1996	0.6	261.4	286	5.38	--	3566	<0.51	8.47
FSW 343-M02-07O	11/18/1996	0.5	289.1	169	3.16	--	2388	<0.51	<3.23
FSW 343-M02-07O-D	11/18/1996	0.4	305.2	171	3.24	--	2321	<0.51	3.56
FSW 343-M02-08GY	11/18/1996	3.1	300.6	148	1.25	--	2621	<0.51	3.62
FSW 343-M02-09Y	11/18/1996	280.0	428.0	174	4.30	--	2585	<0.51	45.64
FSW 343-M02-10P	11/18/1996	357.2	210.6	233	6.00	--	2732	<0.51	109.29
FSW 343-M02-11GN	11/18/1996	313.7	212.5	186	5.02	--	2532	<0.51	100.77
FSW 343-M02-12R	11/18/1996	365.8	253.4	204	5.90	--	2736	<0.51	120.51
FSW 343-M02-13BU	11/18/1996	475.2	267.5	180	7.98	--	2836	<0.51	122.51
FSW 343-M02-14BK	11/18/1996	380.0	180.5	212	6.05	--	2637	<0.51	115.20
FSW 343-M02-15W	11/18/1996	294.9	141.8	82	3.67	--	2469	<0.51	85.85
FSW 343-M03-01PT (1-19)	11/18/1996	0.4	15.2	48	<0.20	--	288	<0.51	<3.23
FSW 343-M03-01PT (1-19)-D	11/18/1996	<0.2	19.5	48	<0.20	--	273	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	11/18/1996	<0.2	18.7	49	<0.20	--	348	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-03RT (1-19)	11/18/1996	<0.2	17.1	41	<0.20	--	302	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	11/18/1996	<0.2	36.3	43	<0.20	--	380	<0.51	14.70
FSW 343-M03-05BKT (1-19)	11/18/1996	<0.2	82.5	35	<0.20	--	367	<0.51	33.73
FSW 343-M03-06WT (1-19)	11/18/1996	<0.2	85.7	31	<0.20	--	340	<0.51	36.16
FSW 343-M03-07O (1-19)	11/18/1996	<0.2	119.1	31	0.44	--	423	<0.51	43.81
FSW 343-M03-08GY (1-19)	11/18/1996	<0.2	141.8	38	1.04	--	637	<0.51	49.82
FSW 343-M03-09Y (1-19)	11/18/1996	<0.2	162.6	51	1.77	--	953	<0.51	41.82
FSW 343-M03-10P (1-19)	11/18/1996	0.2	215.2	89	3.82	--	1526	<0.51	36.79
FSW 343-M03-10P (1-19)-D	11/18/1996	<0.2	217.6	84	3.63	--	1335	<0.51	35.91
FSW 343-M03-11GN (1-19)	11/18/1996	0.3	240.5	113	4.74	--	1755	<0.51	36.55
FSW 343-M03-12R (1-19)	11/18/1996	0.3	269.1	130	5.70	--	1964	<0.51	35.57
FSW 343-M03-13BU (1-19)	11/18/1996	0.4	275.5	142	5.93	--	2144	<0.51	33.46
FSW 343-M03-14BK (1-19)	11/18/1996	0.4	251.0	137	6.03	--	2168	<0.51	23.62
FSW 343-M03-15W (1-19)	11/18/1996	0.5	247.2	149	6.36	--	2291	<0.51	24.32
FSW 343-M01-01PT	2/19/1997	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	2/19/1997	284.2	71.4	31	2.41	--	1842	<0.51	33.80
FSW 343-M01-03RT	2/19/1997	0.8	96.9	68	1.41	--	1437	<0.51	<3.23
FSW 343-M01-04BUT	2/19/1997	6.1	111.1	99	2.35	--	1144	<0.51	<3.23
FSW 343-M01-05BKT	2/19/1997	<0.2	61.0	79	<0.20	--	689	<0.51	<3.23
FSW 343-M01-05BKT-D	2/19/1997	<0.2	66.8	86	<0.20	--	748	<0.51	<3.23
FSW 343-M01-06WT	2/19/1997	<0.2	27.9	44	<0.20	--	367	<0.51	<3.23
FSW 343-M01-07O	2/19/1997	<0.2	46.8	111	0.25	--	495	<0.51	3.37
FSW 343-M01-08GY	2/19/1997	<0.2	26.0	55	<0.20	--	382	<0.51	3.58
FSW 343-M01-09Y	2/19/1997	<0.2	27.4	67	<0.20	--	428	<0.51	5.04
FSW 343-M01-10P	2/19/1997	<0.2	26.9	91	<0.20	--	287	<0.51	6.43

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-01PT	2/19/1997	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	2/19/1997	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	2/19/1997	0.3	354.9	157	6.01	--	2382	<0.51	42.34
FSW 343-M02-04BUT	2/19/1997	0.3	369.5	136	3.85	--	2318	<0.51	46.10
FSW 343-M02-05BKT	2/19/1997	0.3	427.7	124	2.97	--	2398	<0.51	57.38
FSW 343-M02-06WT	2/19/1997	0.3	145.1	142	2.48	--	2438	<0.51	8.81
FSW 343-M02-07O	2/19/1997	0.3	258.0	166	2.77	--	2153	<0.51	<3.23
FSW 343-M02-08GY	2/19/1997	0.7	277.9	165	1.40	--	2121	<0.51	<3.23
FSW 343-M02-08GY-D	2/19/1997	0.3	286.5	176	1.48	--	2272	<0.51	<3.23
FSW 343-M02-09Y	2/19/1997	178.0	288.7	91	2.86	--	2164	<0.51	38.74
FSW 343-M02-10P	2/19/1997	306.7	211.2	188	5.06	--	2190	<0.51	88.39
FSW 343-M02-11GN	2/19/1997	348.1	237.2	197	5.53	--	2195	<0.51	91.15
FSW 343-M02-12R	2/19/1997	404.2	243.4	157	6.58	--	2121	<0.51	95.82
FSW 343-M02-13BU	2/19/1997	300.3	181.9	95	4.75	--	2161	<0.51	110.69
FSW 343-M02-14BK	2/19/1997	300.1	149.8	145	4.67	--	2225	<0.51	113.41
FSW 343-M02-15W	2/19/1997	241.1	133.3	35	2.64	--	2205	<0.51	36.02
FSW 343-M03-01PT (1-19)	2/19/1997	<0.2	24.1	43	<0.20	--	217	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	2/19/1997	<0.2	28.4	47	<0.20	--	338	<0.51	<3.23
FSW 343-M03-02GNT (1-19)-D	2/19/1997	<0.2	26.1	46	<0.20	--	333	<0.51	<3.23
FSW 343-M03-03RT (1-19)	2/19/1997	<0.2	39.2	52	0.30	--	368	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	2/19/1997	<0.2	65.2	49	<0.20	--	359	<0.51	12.17
FSW 343-M03-05BKT (1-19)	2/19/1997	<0.2	95.5	34	<0.20	--	387	<0.51	28.92
FSW 343-M03-06WT (1-19)	2/19/1997	<0.2	121.4	37	<0.20	--	445	<0.51	35.63
FSW 343-M03-07O (1-19)	2/19/1997	<0.2	170.6	63	1.03	--	688	<0.51	32.32

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-08GY (1-19)	2/19/1997	<0.2	202.3	85	2.23	--	876	<0.51	31.92
FSW 343-M03-09Y (1-19)	2/19/1997	<0.2	214.5	95	3.51	--	1066	<0.51	30.96
FSW 343-M03-10P (1-19)	2/19/1997	0.3	258.5	146	5.36	--	1603	<0.51	25.32
FSW 343-M03-11GN (1-19)	2/19/1997	0.3	303.4	178	6.26	--	1962	<0.51	24.48
FSW 343-M03-11GN (1-19)-D	2/19/1997	0.3	309.7	186	6.50	--	1994	<0.51	25.01
FSW 343-M03-12R (1-19)	2/19/1997	0.3	324.2	191	7.15	--	2099	<0.51	26.76
FSW 343-M03-13BU (1-19)	2/19/1997	0.4	348.7	200	7.27	--	2331	<0.51	27.62
FSW 343-M03-14BK (1-19)	2/19/1997	0.3	302.9	161	6.92	--	2382	<0.51	20.79
FSW 343-M03-15W (1-19)	2/19/1997	1.4	307.2	169	7.25	--	2571	0.596	27.25
FSW 343-M01-01PT	5/14/1997	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	5/14/1997	183.0	72.9	7	1.10	--	1120	<0.51	19.32
FSW 343-M01-03RT	5/14/1997	0.4	68.1	35	0.77	--	1185	<0.51	<3.23
FSW 343-M01-04BUT	5/14/1997	4.6	84.2	61	1.55	--	960	<0.51	<3.23
FSW 343-M01-05BKT	5/14/1997	<0.2	47.5	55	<0.20	--	646	<0.51	<3.23
FSW 343-M01-06WT	5/14/1997	<0.2	26.6	29	<0.20	--	377	<0.51	<3.23
FSW 343-M01-07O	5/14/1997	<0.2	37.9	61	<0.20	--	288	<0.51	<3.23
FSW 343-M01-08GY	5/14/1997	<0.2	25.8	56	<0.20	--	328	<0.51	4.37
FSW 343-M01-09Y	5/14/1997	<0.2	27.8	125	<0.20	--	293	<0.51	<3.23
FSW 343-M01-09Y-D	5/14/1997	<0.2	20.9	125	<0.20	--	297	<0.51	<3.23
FSW 343-M01-10P	5/14/1997	<0.2	27.8	97	<0.20	--	283	<0.51	6.07
FSW 343-M02-01PT	5/15/1997	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	5/15/1997	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	5/15/1997	0.3	389.0	149	5.50	--	2310	<0.51	46.16
FSW 343-M02-03RT-D	5/15/1997	0.3	392.7	146	5.53	--	2287	<0.51	46.52

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-04BUT	5/15/1997	0.2	292.4	79	2.31	--	1778	<0.51	57.10
FSW 343-M02-05BKT	5/15/1997	<0.2	243.7	57	1.52	--	1624	<0.51	87.99
FSW 343-M02-06WT	5/15/1997	0.2	247.7	76	1.40	--	1820	<0.51	42.71
FSW 343-M02-07O	5/15/1997	0.3	244.5	132	2.29	--	2171	<0.51	<3.23
FSW 343-M02-08GY	5/15/1997	0.6	255.3	163	1.52	--	2485	<0.51	<3.23
FSW 343-M02-09Y	5/15/1997	1.9	429.3	165	1.67	--	2424	<0.51	<3.23
FSW 343-M02-10P	5/15/1997	160.5	225.9	86	2.57	--	1997	<0.51	76.11
FSW 343-M02-11GN	5/15/1997	194.4	188.5	110	3.04	--	2164	<0.51	97.84
FSW 343-M02-12R	5/15/1997	200.6	183.6	82	3.23	--	1830	<0.51	115.53
FSW 343-M02-12R-D	5/15/1997	213.1	197.3	86	3.48	--	1943	<0.51	120.48
FSW 343-M02-13BU	5/15/1997	154.5	136.9	48	2.39	--	1124	<0.51	106.17
FSW 343-M02-14BK	5/15/1997	156.9	110.3	74	2.43	--	1368	<0.51	95.77
FSW 343-M02-15W	5/15/1997	156.0	105.9	31	1.54	--	993	<0.51	29.09
FSW 343-M03-01PT (1-19)	5/15/1997	<0.2	24.2	44	<0.20	--	206	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	5/15/1997	<0.2	28.2	37	<0.20	--	253	<0.51	<3.23
FSW 343-M03-03RT (1-19)	5/15/1997	<0.2	34.6	45	0.32	--	337	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	5/15/1997	<0.2	52.4	33	1.17	--	327	<0.51	12.37
FSW 343-M03-05BKT (1-19)	5/15/1997	<0.2	90.6	31	<0.20	--	331	<0.51	26.09
FSW 343-M03-06WT (1-19)	5/15/1997	<0.2	112.0	33	<0.20	--	352	<0.51	31.88
FSW 343-M03-06WT (1-19)-D	5/15/1997	0.3	122.4	34	<0.20	--	367	<0.51	32.17
FSW 343-M03-07O (1-19)	5/15/1997	<0.2	151.8	50	0.76	--	456	<0.51	32.65
FSW 343-M03-08GY (1-19)	5/15/1997	<0.2	170.0	65	1.61	--	500	<0.51	31.04
FSW 343-M03-09Y (1-19)	5/15/1997	<0.2	188.5	88	2.91	--	819	<0.51	26.90
FSW 343-M03-10P (1-19)	5/15/1997	<0.2	266.6	151	4.77	--	1355	<0.51	23.05
FSW 343-M03-11GN (1-19)	5/15/1997	<0.2	294.4	168	5.19	--	1665	<0.51	23.61

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-12R (1-19)	5/15/1997	0.2	291.6	168	5.34	--	1836	<0.51	25.43
FSW 343-M03-13BU (1-19)	5/15/1997	0.3	299.6	175	5.35	--	1897	<0.51	25.29
FSW 343-M03-14BK (1-19)	5/15/1997	0.3	298.4	163	5.77	--	2083	<0.51	21.81
FSW 343-M03-15W (1-19)	5/15/1997	0.3	284.3	137	5.62	--	2093	<0.51	22.88
FSW 343-M01-01PT	8/6/1997	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	8/6/1997	94.4	95.1	3	0.56	--	1002	<0.51	21.94
FSW 343-M01-02GNT-D	8/6/1997	92.3	87.9	3	0.53	--	1059	<0.51	22.27
FSW 343-M01-03RT	8/6/1997	0.6	59.6	46	1.18	--	695	<0.51	<3.23
FSW 343-M01-04BUT	8/6/1997	1.4	52.8	25	0.70	--	683	<0.51	<3.23
FSW 343-M01-05BKT	8/6/1997	<0.2	26.8	23	<0.20	--	425	<0.51	<3.23
FSW 343-M01-06WT	8/6/1997	<0.2	24.5	73	<0.20	--	223	<0.51	<3.23
FSW 343-M01-07O	8/6/1997	<0.2	26.4	51	<0.20	--	349	<0.51	3.67
FSW 343-M01-08GY	8/6/1997	<0.2	25.3	87	<0.20	--	374	<0.51	4.40
FSW 343-M01-09Y	8/6/1997	<0.2	18.9	127	<0.20	--	287	<0.51	3.61
FSW 343-M01-10P	8/6/1997	<0.2	22.6	93	<0.20	--	294	<0.51	6.72
FSW 343-M02-01PT	8/6/1997	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	8/6/1997	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	8/6/1997	0.3	168.3	75	2.87	--	1680	<0.51	72.15
FSW 343-M02-03RT-D	8/6/1997	0.5	166.4	73	2.77	--	1776	<0.51	71.34
FSW 343-M02-04BUT	8/6/1997	<0.2	166.0	81	2.26	--	1569	<0.51	100.63
FSW 343-M02-05BKT	8/6/1997	<0.2	171.7	73	1.99	--	1847	<0.51	90.57
FSW 343-M02-06WT	8/6/1997	0.2	172.4	81	1.52	--	1834	<0.51	64.13
FSW 343-M02-07O	8/6/1997	0.3	233.5	124	2.15	--	2183	<0.51	4.13
FSW 343-M02-08GY	8/6/1997	0.4	217.3	117	1.42	--	2172	<0.51	3.68

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-09Y	8/6/1997	0.6	245.6	95	0.79	--	1611	<0.51	<3.23
FSW 343-M02-10P	8/6/1997	185.4	228.6	90	2.88	--	1892	<0.51	82.02
FSW 343-M02-11GN	8/6/1997	141.8	169.4	74	2.17	--	1650	<0.51	125.45
FSW 343-M02-12R	8/6/1997	174.1	167.9	69	2.69	--	963	<0.51	89.66
FSW 343-M02-12R-D	8/6/1997	166.4	150.2	69	2.63	--	1020	<0.51	89.48
FSW 343-M02-13BU	8/6/1997	242.3	152.8	74	3.47	--	698	<0.51	68.24
FSW 343-M02-14BK	8/6/1997	187.1	109.8	77	2.74	--	988	<0.51	90.36
FSW 343-M02-15W	8/6/1997	190.3	159.2	87	1.51	--	604	<0.51	22.50
FSW 343-M03-01PT (1-19)	8/7/1997	0.5	20.4	47	<0.20	--	360	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	8/7/1997	<0.2	22.3	39	0.36	--	363	<0.51	<3.23
FSW 343-M03-03RT (1-19)	8/7/1997	<0.2	18.5	46	<0.20	--	362	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	8/7/1997	<0.2	52.1	37	<0.20	--	385	<0.51	17.68
FSW 343-M03-05BKT (1-19)	8/7/1997	<0.2	100.0	35	<0.20	--	455	<0.51	38.14
FSW 343-M03-06WT (1-19)	8/7/1997	<0.2	115.4	35	<0.20	--	516	<0.51	47.92
FSW 343-M03-06WT (1-19)-D	8/7/1997	0.7	111.7	34	<0.20	--	536	<0.51	48.17
FSW 343-M03-07O (1-19)	8/7/1997	<0.2	158.8	47	0.63	--	723	<0.51	66.33
FSW 343-M03-08GY (1-19)	8/7/1997	<0.2	139.2	40	1.00	--	868	<0.51	69.11
FSW 343-M03-09Y (1-19)	8/7/1997	0.6	175.8	55	1.69	--	1208	<0.51	45.56
FSW 343-M03-10P (1-19)	8/7/1997	0.2	208.3	74	1.97	--	1538	<0.51	44.80
FSW 343-M03-11GN (1-19)	8/7/1997	5.4	225.2	87	2.29	--	1684	<0.51	45.22
FSW 343-M03-12R (1-19)	8/7/1997	<0.2	236.6	92	2.67	--	1856	<0.51	42.96
FSW 343-M03-13BU (1-19)	8/7/1997	<0.2	247.5	98	2.71	--	1900	<0.51	47.82
FSW 343-M03-14BK (1-19)	8/7/1997	<0.2	221.8	84	2.72	--	1778	<0.51	39.77
FSW 343-M03-15W (1-19)	8/7/1997	<0.2	192.0	56	2.22	--	1506	<0.51	51.11

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-01PT	10/30/1997	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	10/30/1997	73.6	267.9	3	0.48	--	539	<0.51	8.90
FSW 343-M01-02GNT-D	10/30/1997	75.6	281.0	<1.65	0.41	--	557	<0.51	9.32
FSW 343-M01-03RT	10/30/1997	2.1	59.5	41	1.07	--	486	<0.51	3.23
FSW 343-M01-04BUT	10/30/1997	<0.2	50.2	24	0.57	--	531	<0.51	3.23
FSW 343-M01-05BKT	10/30/1997	<0.2	33.0	63	<0.20	--	203	<0.51	3.23
FSW 343-M01-06WT	10/30/1997	<0.2	24.9	73	<0.20	--	186	<0.51	3.23
FSW 343-M01-07O	10/30/1997	<0.2	25.7	47	<0.20	--	353	<0.51	3.23
FSW 343-M01-08GY	10/30/1997	<0.2	23.2	113	<0.20	--	249	<0.51	3.23
FSW 343-M01-09Y	10/30/1997	<0.2	24.1	119	<0.20	--	277	<0.51	3.61
FSW 343-M01-10P	10/30/1997	<0.2	19.2	86	<0.20	--	266	<0.51	5.30
FSW 343-M02-01PT	10/30/1997	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	10/30/1997	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	10/30/1997	<0.2	132.1	56	2.19	--	1235	<0.51	73.20
FSW 343-M02-03RT-D	10/30/1997	0.3	140.7	60	2.22	--	1320	<0.51	77.36
FSW 343-M02-04BUT	10/30/1997	<0.2	242.2	103	2.98	--	1286	<0.51	73.51
FSW 343-M02-05BKT	10/30/1997	<0.2	119.5	144	3.53	--	1202	<0.51	55.31
FSW 343-M02-06WT	10/30/1997	<0.2	149.7	91	1.67	--	1485	<0.51	49.22
FSW 343-M02-07O	10/30/1997	0.3	218.2	56	0.98	--	1438	<0.51	4.24
FSW 343-M02-08GY	10/30/1997	0.3	170.5	60	0.82	--	1476	<0.51	4.92
FSW 343-M02-09Y	10/30/1997	1.8	204.3	80	1.07	--	1442	<0.51	3.23
FSW 343-M02-10P	10/30/1997	121.8	166.8	62	1.95	--	1336	<0.51	75.37
FSW 343-M02-11GN	10/30/1997	160.1	195.3	78	2.53	--	901	<0.51	86.87
FSW 343-M02-12R	10/30/1997	137.9	263.0	54	2.14	--	792	<0.51	70.51
FSW 343-M02-12R-D	10/30/1997	135.3	297.7	56	2.17	--	818	<0.51	73.46

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-13BU	10/30/1997	196.3	309.5	58	2.80	--	591	<0.51	44.42
FSW 343-M02-14BK	10/30/1997	232.5	104.4	85	3.40	--	697	<0.51	67.70
FSW 343-M02-15W	10/30/1997	104.6	163.1	69	0.91	--	608	<0.51	16.19
FSW 343-M03-01PT (1-19)	10/30/1997	<0.2	14.7	45	0.25	--	255	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	10/30/1997	<0.2	15.5	38	0.21	--	323	<0.51	<3.23
FSW 343-M03-03RT (1-19)	10/30/1997	<0.2	14.3	45	0.30	--	324	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	10/30/1997	<0.2	42.4	39	0.48	--	311	<0.51	11.89
FSW 343-M03-05BKT (1-19)	10/30/1997	<0.2	81.6	28	<0.20	--	292	<0.51	39.05
FSW 343-M03-06WT (1-19)	10/30/1997	<0.2	106.8	33	<0.20	--	315	<0.51	50.42
FSW 343-M03-06WT (1-19)-D	10/30/1997	0.3	117.9	33	<0.20	--	327	<0.51	52.65
FSW 343-M03-07O (1-19)	10/30/1997	<0.2	133.4	50	0.65	--	422	<0.51	59.40
FSW 343-M03-08GY (1-19)	10/30/1997	<0.2	177.8	81	2.00	--	827	<0.51	50.54
FSW 343-M03-09Y (1-19)	10/30/1997	<0.2	195.7	79	2.48	--	1201	<0.51	43.35
FSW 343-M03-10P (1-19)	10/30/1997	<0.2	202.3	91	2.48	--	1331	<0.51	48.69
FSW 343-M03-11GN (1-19)	10/30/1997	<0.2	213.7	96	2.43	--	1514	<0.51	49.65
FSW 343-M03-12R (1-19)	10/30/1997	<0.2	231.6	104	2.95	--	1617	<0.51	47.14
FSW 343-M03-13BU (1-19)	10/30/1997	<0.2	220.6	97	2.85	--	1611	<0.51	48.45
FSW 343-M03-14BK (1-19)	10/30/1997	<0.2	206.4	79	2.81	--	1604	<0.51	42.23
FSW 343-M03-15W (1-19)	10/30/1997	<0.2	179.4	61	2.55	--	1387	<0.51	53.33
FSW 343-M01-01PT	6/2/1998	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	6/2/1998	49.3	71.1	74	2.12	--	508	<0.51	6.70
FSW 343-M01-03RT	6/2/1998	<0.2	42.2	43	1.07	--	393	<0.51	3.23
FSW 343-M01-04BUT	6/2/1998	<0.2	47.7	22	0.31	--	454	<0.51	3.23
FSW 343-M01-05BKT	6/2/1998	<0.2	35.2	65	<0.20	--	224	<0.51	3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-06WT	6/2/1998	<0.2	33.2	83	<0.20	--	210	<0.51	3.23
FSW 343-M01-07O	6/2/1998	<0.2	24.4	92	<0.20	--	209	<0.51	3.23
FSW 343-M01-08GY	6/2/1998	<0.2	25.9	106	<0.20	--	256	<0.51	3.50
FSW 343-M01-09Y	6/2/1998	<0.2	24.9	114	<0.20	--	293	<0.51	3.23
FSW 343-M01-09Y-D	6/2/1998	<0.2	19.6	115	<0.20	--	299	<0.51	3.23
FSW 343-M01-10P	6/2/1998	<0.2	22.4	82	<0.20	--	286	<0.51	5.94
FSW 343-M01-14BK	6/2/1998	<0.2	20.6	101	<0.20	--	278	<0.51	5.00
FSW 343-M01-15W	6/2/1998	<0.2	45.0	115	2.20	--	289	<0.51	6.22
FSW 343-M02-01PT	6/2/1998	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	6/2/1998	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	6/2/1998	<0.2	147.9	93	3.40	--	1003	<0.51	72.41
FSW 343-M02-04BUT	6/2/1998	<0.2	192.6	83	2.31	--	916	<0.51	83.44
FSW 343-M02-05BKT	6/2/1998	<0.2	261.7	91	2.27	--	693	<0.51	71.01
FSW 343-M02-06WT	6/2/1998	0.2	93.7	106	1.67	--	594	<0.51	60.46
FSW 343-M02-07O	6/2/1998	0.3	210.0	53	1.08	--	1385	<0.51	4.96
FSW 343-M02-08GY	6/2/1998	0.5	229.8	78	1.62	--	448	<0.51	3.98
FSW 343-M02-09Y	6/2/1998	9.8	220.8	108	2.07	--	591	<0.51	3.23
FSW 343-M02-10P	6/2/1998	195.2	241.4	79	2.92	--	1081	<0.51	49.32
FSW 343-M02-10P-D	6/2/1998	190.4	248.9	80	2.90	--	1102	<0.51	48.64
FSW 343-M02-11GN	6/2/1998	213.8	220.8	95	3.36	--	907	<0.51	69.70
FSW 343-M02-12R	6/2/1998	206.1	209.7	76	3.17	--	689	<0.51	48.37
FSW 343-M02-13BU	6/2/1998	166.1	163.2	81	2.22	--	759	<0.51	38.50
FSW 343-M02-14BK	6/2/1998	226.9	166.0	72	3.02	--	753	<0.51	57.85
FSW 343-M02-15W	6/2/1998	67.9	76.1	67	1.10	--	577	<0.51	11.14

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-01PT (1-19)	6/2/1998	<0.2	21.9	41	0.25	--	256	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	6/2/1998	<0.2	15.1	38	0.32	--	315	<0.51	<3.23
FSW 343-M03-03RT (1-19)	6/2/1998	<0.2	19.1	35	0.32	--	321	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	6/2/1998	<0.2	40.9	29	<0.20	--	307	<0.51	13.99
FSW 343-M03-04BUT (1-19)-D	6/2/1998	<0.2	42.7	29	<0.20	--	314	<0.51	13.29
FSW 343-M03-05BKT (1-19)	6/2/1998	<0.2	70.6	40	<0.20	--	303	<0.51	26.98
FSW 343-M03-06WT (1-19)	6/2/1998	<0.2	98.7	50	0.24	--	314	<0.51	33.49
FSW 343-M03-07O (1-19)	6/2/1998	<0.2	126.6	71	0.98	--	405	<0.51	39.14
FSW 343-M03-08GY (1-19)	6/2/1998	<0.2	148.9	79	1.85	--	473	<0.51	43.27
FSW 343-M03-09Y (1-19)	6/2/1998	<0.2	156.5	74	1.99	--	686	<0.51	53.24
FSW 343-M03-10P (1-19)	6/2/1998	<0.2	197.7	118	2.86	--	775	<0.51	49.61
FSW 343-M03-11GN (1-19)	6/2/1998	<0.2	220.0	133	3.00	--	824	<0.51	47.78
FSW 343-M03-12R (1-19)	6/2/1998	<0.2	221.0	129	3.10	--	888	<0.51	51.82
FSW 343-M03-13BU (1-19)	6/2/1998	<0.2	220.3	121	2.93	--	839	<0.51	50.74
FSW 343-M03-14BK (1-19)	6/2/1998	<0.2	243.4	133	4.09	--	1002	<0.51	47.98
FSW 343-M03-15W (1-19)	6/2/1998	<0.2	244.6	149	5.19	--	1097	<0.51	46.62
FSW 343-M01-01PT	11/10/1998	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	11/10/1998	37.0	68.7	88	2.16	--	439	<0.51	5.19
FSW 343-M01-03RT	11/10/1998	<0.2	65.2	83	2.17	--	419	<0.51	<2.1
FSW 343-M01-04BUT	11/10/1998	<0.2	54.1	44	0.26	--	376	<0.51	<2.1
FSW 343-M01-05BKT	11/10/1998	<0.2	48.5	165	<0.20	--	312	<0.51	<2.1
FSW 343-M01-06WT	11/10/1998	<0.2	25.8	116	<0.20	--	258	<0.51	<2.1
FSW 343-M01-07O	11/10/1998	<0.2	30.3	101	0.22	--	294	<0.51	7.40
FSW 343-M01-08GY	11/10/1998	<0.2	25.3	107	<0.20	--	289	<0.51	3.33
FSW 343-M01-09Y	11/10/1998	<0.2	15.2	102	<0.20	--	292	<0.51	<2.1

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-09Y-D	11/10/1998	0.2	16.2	108	<0.20	--	312	<0.51	4.12
FSW 343-M01-10P	11/10/1998	<0.2	23.8	74	<0.20	--	301	<0.51	6.44
FSW 343-M02-01PT	11/10/1998	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	11/10/1998	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	11/10/1998	<0.2	216.5	82	3.15	--	855	<0.51	86.04
FSW 343-M02-04BUT	11/10/1998	<0.2	196.9	135	3.52	--	620	<0.51	85.74
FSW 343-M02-05BKT	11/10/1998	<0.2	201.6	137	3.20	--	713	<0.51	77.69
FSW 343-M02-06WT	11/10/1998	<0.2	273.4	96	1.76	--	495	<0.51	66.33
FSW 343-M02-07O	11/10/1998	0.2	213.0	104	2.14	--	534	<0.51	4.30
FSW 343-M02-08GY	11/10/1998	0.4	232.6	116	2.68	--	403	<0.51	4.35
FSW 343-M02-09Y	11/10/1998	8.2	180.4	118	1.62	--	389	<0.51	5.62
FSW 343-M02-10P	11/10/1998	256.8	300.9	85	3.89	--	509	<0.51	40.17
FSW 343-M02-10P-D	11/10/1998	257.6	300.7	83	3.83	--	523	<0.51	39.45
FSW 343-M02-11GN	11/10/1998	209.3	268.4	81	3.36	--	654	<0.51	76.55
FSW 343-M02-12R	11/10/1998	144.1	181.4	48	2.18	--	732	<0.51	45.12
FSW 343-M02-13BU	11/10/1998	100.0	130.4	49	1.25	--	606	<0.51	39.24
FSW 343-M02-14BK	11/10/1998	164.8	181.4	46	2.20	--	614	<0.51	62.24
FSW 343-M02-15W	11/10/1998	70.3	102.6	77	1.75	--	560	<0.51	11.29
FSW 343-M03-01PT (1-19)	11/10/1998	<0.2	16.7	44	0.34	--	329	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	11/10/1998	<0.2	11.6	44	0.25	--	323	<0.51	<3.23
FSW 343-M03-03RT (1-19)	11/10/1998	<0.2	17.7	48	<0.20	--	309	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	11/10/1998	<0.2	52.6	38	<0.20	--	266	<0.51	19.57
FSW 343-M03-04BUT (1-19)-D	11/10/1998	<0.2	60.1	40	<0.20	--	284	<0.51	20.67
FSW 343-M03-05BKT (1-19)	11/10/1998	<0.2	107.1	51	<0.20	--	350	<0.51	44.79

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-06WT (1-19)	11/10/1998	<0.2	120.3	58	0.27	--	338	<0.51	42.35
FSW 343-M03-07O (1-19)	11/10/1998	<0.2	158.2	81	1.46	--	378	<0.51	44.77
FSW 343-M03-08GY (1-19)	11/10/1998	<0.2	206.7	107	2.59	--	455	<0.51	45.65
FSW 343-M03-09Y (1-19)	11/10/1998	0.4	244.1	117	2.95	--	569	<0.51	60.22
FSW 343-M03-10P (1-19)	11/10/1998	<0.2	261.8	111	2.59	--	619	<0.51	71.64
FSW 343-M03-11GN (1-19)	11/10/1998	<0.2	252.2	96	2.16	--	641	<0.51	77.91
FSW 343-M03-12R (1-19)	11/10/1998	<0.2	245.1	89	2.04	--	676	<0.51	85.21
FSW 343-M03-13BU (1-19)	11/10/1998	<0.2	236.0	80	2.02	--	668	<0.51	83.62
FSW 343-M03-14BK (1-19)	11/10/1998	<0.2	244.6	79	2.42	--	731	<0.51	80.25
FSW 343-M03-15W (1-19)	11/10/1998	<0.2	272.9	77	2.95	--	829	<0.51	91.55
FSW 343-M01-02GNT	6/8/1999	<0.2	87.7	78	0.58	--	387	<0.51	<2.1
FSW 343-M01-03RT	6/8/1999	<0.2	50.7	61	<0.20	--	318	<0.51	<2.1
FSW 343-M01-03RT-D	6/8/1999	<0.2	59.0	63	<0.20	--	329	<0.51	<2.1
FSW 343-M01-04BUT	6/8/1999	<0.2	67.0	78	<0.20	--	311	<0.51	<2.1
FSW 343-M01-05BKT	6/8/1999	<0.2	50.4	159	<0.20	--	304	<0.51	<2.1
FSW 343-M01-06WT	6/8/1999	<0.2	24.5	114	<0.20	--	266	<0.51	<2.1
FSW 343-M01-07O	6/8/1999	<0.2	24.2	104	<0.20	--	236	<0.51	<2.1
FSW 343-M01-08GY	6/8/1999	<0.2	14.8	93	<0.20	--	264	<0.51	<2.1
FSW 343-M01-09Y	6/8/1999	<0.2	25.5	115	<0.20	--	289	<0.51	<2.1
FSW 343-M01-10P	6/8/1999	<0.2	14.8	70	<0.20	--	298	<0.51	6.45
FSW 343-M02-01PT	6/8/1999	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	6/8/1999	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	6/8/1999	<0.2	231.9	116	3.96	--	771	<0.51	66.61
FSW 343-M02-04BUT	6/8/1999	<0.2	219.9	203	4.28	--	826	<0.51	71.10

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-05BKT	6/8/1999	<0.2	228.5	157	3.42	--	585	<0.51	63.09
FSW 343-M02-06WT	6/8/1999	<0.2	216.1	107	1.78	--	380	<0.51	56.72
FSW 343-M02-07O	6/8/1999	<0.2	200.2	81	1.76	--	332	<0.51	<2.1
FSW 343-M02-08GY	6/8/1999	0.4	220.9	91	2.24	--	362	<0.51	4.89
FSW 343-M02-09Y	6/8/1999	10.0	191.6	100	1.68	--	471	<0.51	4.78
FSW 343-M02-09Y-D	6/8/1999	10.1	189.8	100	1.65	--	467	<0.51	5.32
FSW 343-M02-10P	6/8/1999	171.7	272.0	66	2.53	--	617	<0.51	36.15
FSW 343-M02-11GN	6/8/1999	148.9	205.0	52	2.42	--	692	<0.51	79.69
FSW 343-M02-12R	6/8/1999	125.2	136.7	44	1.79	--	703	<0.51	68.59
FSW 343-M02-13BU	6/8/1999	98.3	121.5	53	1.26	--	590	<0.51	51.67
FSW 343-M02-14BK	6/8/1999	121.2	117.0	51	1.68	--	477	<0.51	47.09
FSW 343-M02-15W	6/8/1999	49.4	60.1	61	1.70	--	442	<0.51	9.13
FSW 343-M03-01PT (1-19)	6/8/1999	<0.2	23.1	43	0.37	--	259	<0.51	<3.23
FSW 343-M03-02GNT (1-19)	6/8/1999	<0.2	14.2	41	<0.20	--	305	<0.51	<3.23
FSW 343-M03-03RT (1-19)	6/8/1999	<0.2	27.6	64	0.21	--	295	<0.51	<3.23
FSW 343-M03-04BUT (1-19)	6/8/1999	<0.2	80.4	75	<0.20	--	293	<0.51	14.78
FSW 343-M03-05BKT (1-19)	6/8/1999	<0.2	112.2	83	<0.20	--	308	<0.51	24.92
FSW 343-M03-06WT (1-19)	6/8/1999	<0.2	127.0	84	0.36	--	326	<0.51	28.20
FSW 343-M03-06WT (1-19)-D	6/8/1999	<0.2	127.4	86	0.38	--	337	<0.51	29.25
FSW 343-M03-07O (1-19)	6/8/1999	<0.2	142.2	82	1.68	--	366	<0.51	35.25
FSW 343-M03-08GY (1-19)	6/8/1999	<0.2	168.1	90	2.13	--	432	<0.51	41.57
FSW 343-M03-09Y (1-19)	6/8/1999	<0.2	198.1	92	2.36	--	543	<0.51	50.08
FSW 343-M03-10P (1-19)	6/8/1999	<0.2	214.7	91	2.17	--	588	<0.51	62.52
FSW 343-M03-11GN (1-19)	6/8/1999	<0.2	216.1	97	2.24	--	637	<0.51	66.81
FSW 343-M03-12R (1-19)	6/8/1999	<0.2	218.5	98	2.34	--	664	<0.51	70.67

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-13BU (1-19)	6/8/1999	<0.2	212.3	90	2.37	--	693	<0.51	68.55
FSW 343-M03-14BK (1-19)	6/8/1999	<0.2	231.3	86	2.93	--	759	<0.51	70.27
FSW 343-M03-14BK (1-19)-D	6/8/1999	<0.2	226.8	84	2.83	--	731	<0.51	68.61
FSW 343-M03-15W (1-19)	6/8/1999	<0.2	218.1	92	3.55	--	752	<0.51	67.32
FSW 343-M01-01PT	6/13/2000	--	--	--	--	--	--	--	--
FSW 343-M01-02GNT	6/13/2000	1.8	93.8	104	0.36	<0.02	399	<0.51	<2.1
FSW 343-M01-03RT	6/13/2000	<0.09	77.6	104	0.14	<0.02	348	<0.51	<2.1
FSW 343-M01-04BUT	6/13/2000	<0.09	117.9	147	0.42	<0.02	340	<0.51	<2.1
FSW 343-M01-05BKT	6/13/2000	<0.09	35.1	90	0.06	<0.02	236	<0.51	<2.1
FSW 343-M01-06WT	6/13/2000	<0.09	24.4	75	0.11	<0.02	213	<0.51	<2.1
FSW 343-M01-06WT-D	6/13/2000	<0.09	27.6	83	0.12	<0.02	224	<0.51	<2.1
FSW 343-M01-07O	6/13/2000	<0.09	30.3	108	0.16	<0.02	221	<0.51	<2.1
FSW 343-M01-08GY	6/13/2000	<0.09	24.0	105	0.07	<0.02	266	<0.51	2.65
FSW 343-M01-09Y	6/13/2000	<0.09	21.7	141	0.10	<0.02	301	<0.51	2.72
FSW 343-M01-09Y-D	6/13/2000	<0.09	18.5	126	0.08	<0.02	248	<0.51	2.46
FSW 343-M01-10P	6/13/2000	<0.09	25.4	98	0.12	<0.02	347	<0.51	6.71
FSW 343-M02-01PT	6/14/2000	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	6/14/2000	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	6/14/2000	<0.09	258.0	146	4.09	<0.02	723	0.085	89.96
FSW 343-M02-04BUT	6/14/2000	<0.09	244.1	183	3.74	<0.02	498	0.062	82.42
FSW 343-M02-05BKT	6/14/2000	<0.09	213.2	207	4.42	<0.02	491	0.051	72.09
FSW 343-M02-06WT	6/14/2000	0.4	178.0	227	3.90	<0.02	524	<0.05	60.64
FSW 343-M02-07O	6/13/2000	0.8	284.8	184	3.90	<0.02	542	<0.05	5.86
FSW 343-M02-08GY	6/13/2000	1.5	291.9	211	4.48	<0.02	577	<0.05	6.96

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-09Y	6/13/2000	22.7	259.3	228	4.52	<0.02	763	<0.05	9.16
FSW 343-M02-10P	6/13/2000	381.9	388.6	205	5.60	<0.02	787	<0.05	31.46
FSW 343-M02-11GN	6/13/2000	554.5	300.0	200	8.76	<0.02	779	<0.05	63.17
FSW 343-M02-13BU	6/13/2000	227.5	111.6	94	3.26	<0.02	830	<0.05	91.38
FSW 343-M02-13BU-D	6/13/2000	196.5	96.0	82	2.69	<0.02	715	<0.05	78.97
FSW 343-M02-14BK	6/13/2000	203.2	98.4	96	2.70	<0.02	648	<0.05	49.38
FSW 343-M02-15W	6/13/2000	54.0	95.7	95	2.58	<0.02	660	<0.05	13.04
FSW 343-M03-01PT (1-19)	6/14/2000	<0.09	20.9	66	0.84	<0.02	347	<0.05	<2.4
FSW 343-M03-02GNT (1-19)	6/14/2000	<0.09	225.2	136	3.27	<0.02	796	0.231	74.12
FSW 343-M03-03RT (1-19)	6/14/2000	<0.09	26.0	63	0.07	<0.02	315	0.067	4.85
FSW 343-M03-03RT (1-19)-D	6/14/2000	<0.09	24.9	61	0.07	<0.02	315	0.065	4.87
FSW 343-M03-04BUT (1-19)	6/14/2000	<0.09	63.1	74	0.09	<0.02	265	0.140	17.57
FSW 343-M03-05BKT (1-19)	6/14/2000	<0.09	107.0	95	0.14	<0.02	331	0.198	33.53
FSW 343-M03-06WT (1-19)	6/14/2000	<0.09	130.9	100	0.41	<0.02	415	0.196	45.77
FSW 343-M03-06WT (1-19)-X	6/14/2000	0.5	47.8	<4	<0.04	<0.02	1415	0.070	48.76
FSW 343-M03-07O (1-19)	6/14/2000	<0.09	165.4	106	1.46	<0.02	550	0.247	73.92
FSW 343-M03-08GY (1-19)	6/14/2000	<0.09	195.0	124	2.57	<0.02	645	0.257	77.49
FSW 343-M03-08GY (1-19)-X	6/14/2000	0.4	11.7	<4	<0.04	<0.02	2113	0.066	73.33
FSW 343-M03-09Y (1-19)	6/14/2000	0.2	233.5	133	3.05	<0.02	739	0.266	80.82
FSW 343-M03-10P (1-19)	6/14/2000	<0.09	231.1	133	3.05	<0.02	807	0.254	82.73
FSW 343-M03-11GN (1-19)	6/14/2000	<0.09	26.6	81	0.10	<0.02	349	<0.05	<2.4
FSW 343-M03-11GN (1-19)-D	6/14/2000	<0.09	25.4	79	0.10	<0.02	346	<0.05	<2.4
FSW 343-M03-12R (1-19)	6/14/2000	<0.09	240.6	154	3.68	<0.02	877	0.243	79.45
FSW 343-M03-13BU (1-19)	6/14/2000	<0.09	214.1	135	3.10	<0.02	817	0.209	77.61
FSW 343-M03-14BK (1-19)	6/14/2000	<0.09	227.1	120	3.20	<0.02	810	0.169	85.14

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M03-15W (1-19)	6/14/2000	<0.09	228.8	141	4.05	<0.02	826	0.157	80.89
FSW 343-M01-01PT	6/18/2002								
FSW 343-M01-02GNT	6/18/2002	<0.09	51.1	81	0.23	<0.02	689	<0.51	<2.1
FSW 343-M01-03RT	6/18/2002	<0.09	43.2	85	0.12	<0.02	431	<0.51	<2.1
FSW 343-M01-04BUT	6/18/2002	<0.09	48.3	66	0.10	<0.02	308	<0.51	<2.1
FSW 343-M01-05BKT	6/18/2002	<0.09	25.0	80	0.06	<0.02	167	<0.51	<2.1
FSW 343-M01-06WT	6/18/2002	<0.09	19.8	72	0.13	<0.02	172	<0.51	<2.1
FSW 343-M01-07O	6/18/2002	<0.09	23.4	151	0.17	<0.02	225	<0.51	<2.1
FSW 343-M01-07O-D	6/18/2002	<0.09	23.9	153	0.16	<0.02	232	<0.51	<2.1
FSW 343-M01-08GY	6/18/2002	<0.09	20.0	144	0.07	<0.02	241	<0.51	<2.1
FSW 343-M01-09Y	6/18/2002	<0.09	17.7	148	0.08	<0.02	244	<0.51	<2.1
FSW 343-M01-10P	6/18/2002	<0.09	18.9	76	0.07	<0.02	231	<0.51	4.31
FSW 343-M02-01PT	6/18/2002	--	--	--	--	--	--	--	--
FSW 343-M02-02GNT	6/18/2002	--	--	--	--	--	--	--	--
FSW 343-M02-03RT	6/18/2002	<0.09	169.3	106	2.93	<0.02	552	0.060	49.83
FSW 343-M02-04BUT	6/18/2002	<0.09	168.6	94	2.78	<0.02	715	<0.05	51.57
FSW 343-M02-05BKT	6/18/2002	0.2	180.3	108	3.03	<0.02	665	0.052	43.68
FSW 343-M02-06WT	6/18/2002	1.2	183.0	112	3.00	<0.02	780	<0.05	48.09
FSW 343-M02-07O	6/18/2002	1.4	173.3	172	2.99	0.02	744	<0.05	4.99
FSW 343-M02-08GY	6/18/2002	3.5	171.9	161	2.93	<0.02	822	<0.05	6.75
FSW 343-M02-09Y	6/18/2002	19.7	161.1	160	3.34	0.02	903	<0.05	31.96
FSW 343-M02-10P	6/18/2002	249.2	171.2	153	4.19	<0.02	829	<0.05	24.34
FSW 343-M02-11GN	6/18/2002	326.1	122.7	138	4.01	<0.02	878	<0.05	90.03
FSW 343-M02-12R	6/18/2002	278.8	118.7	81	3.05	<0.02	1094	<0.05	77.39

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-13BU	6/18/2002	254.6	113.7	69	2.89	<0.02	1124	<0.05	49.17
FSW 343-M02-14BK	6/18/2002	214.5	124.7	81	2.79	<0.02	1162	<0.05	41.18
FSW 343-M02-15W	6/18/2002	13.8	76.4	93	2.58	<0.02	1146	<0.05	2.83
FSW 343-M02-15W-D	6/18/2002	13.9	76.6	94	2.63	<0.02	1148	<0.05	2.78
FSW 343-M03-01PT (1-19)	6/18/2002	--	--	--	--	--	--	--	--
FSW 343-M03-02GNT (1-19)	6/18/2002	<0.09	168.0	93	1.82	<0.02	477	0.168	63.57
FSW 343-M03-03RT (1-19)	6/18/2002	<0.09	27.0	48	<0.04	<0.02	214	<0.05	5.26
FSW 343-M03-04BUT (1-19)	6/18/2002	<0.09	50.3	38	<0.04	<0.02	220	0.075	15.32
FSW 343-M03-05BKT (1-19)	6/18/2002	<0.09	92.9	57	0.05	<0.02	202	0.116	30.74
FSW 343-M03-06WT (1-19)	6/18/2002	<0.09	117.8	70	0.13	<0.02	210	0.135	40.03
FSW 343-M03-06WT (1-19)-D	6/18/2002	<0.09	134.2	64	0.11	<0.02	241	0.133	38.72
FSW 343-M03-06WT (1-19)-X	6/18/2002	<0.09	<3.8	<4	<0.04	<0.02	1380	<0.05	37.77
FSW 343-M03-07O (1-19)	6/18/2002	<0.09	150.3	71	0.44	<0.02	255	0.174	46.60
FSW 343-M03-08GY (1-19)	6/18/2002	<0.09	176.2	76	1.54	<0.02	341	0.183	56.27
FSW 343-M03-08GY (1-19)-X	6/18/2002	<0.09	22.6	<4	<0.04	<0.02	1329	<0.05	51.47
FSW 343-M03-09Y (1-19)	6/18/2002	<0.09	178.3	77	1.75	<0.02	364	0.171	59.00
FSW 343-M03-10P (1-19)	6/18/2002	<0.09	180.8	80	1.74	<0.02	474	0.165	61.25
FSW 343-M03-12R (1-19)	6/18/2002	<0.09	180.0	91	1.84	<0.02	568	0.162	60.02
FSW 343-M03-13BU (1-19)	6/18/2002	<0.09	178.4	97	1.98	<0.02	588	0.148	58.93
FSW 343-M03-14BK (1-19)	6/18/2002	<0.09	186.6	105	2.41	<0.02	573	0.131	57.76
FSW 343-M03-15W (1-19)	6/18/2002	<0.09	180.9	105	2.76	<0.02	569	0.112	54.84
FSW 343-M01-01PT	8/24/2004	91.5	51.4	44	2.65	--	984	<0.51	10.72
FSW 343-M01-02GNT	8/24/2004	0.6	46.5	46	0.53	--	682	<0.51	<2.1
FSW 343-M01-03RT	8/24/2004	<0.09	39.1	68	0.13	--	538	<0.51	<2.1

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M01-05BKT	8/24/2004	<0.09	17.5	69	0.13	--	244	<0.51	<2.1
FSW 343-M01-05BKT-D	8/24/2004	<0.09	20.7	69	0.13	--	241	<0.51	<2.1
FSW 343-M01-06WT	8/24/2004	<0.09	18.2	87	0.19	--	260	<0.51	<2.1
FSW 343-M01-07O	8/24/2004	<0.09	23.5	107	0.19	--	268	<0.51	<2.1
FSW 343-M01-08GY	8/24/2004	<0.09	23.4	168	0.11	--	266	<0.51	2.61
FSW 343-M01-09Y	8/24/2004	<0.09	18.9	121	0.08	--	253	<0.51	2.79
FSW 343-M01-10P	8/24/2004	<0.09	16.0	87	0.08	--	267	<0.51	6.26
FSW 343-M01-11GN	8/24/2004	0.2	21.2	68	0.11	--	321	<0.51	7.45
FSW 343-M01-12R	8/24/2004	<0.09	13.9	69	0.08	--	319	<0.51	6.98
FSW 343-M01-13BU	8/24/2004	<0.09	37.0	67	0.08	--	368	<0.51	<2.1
FSW 343-M01-13BU-D	8/24/2004	<0.09	31.7	67	0.08	--	383	<0.51	<2.1
FSW 343-M01-14BK	8/24/2004	<0.09	14.2	49	0.05	--	381	<0.51	7.54
FSW 343-M01-15W	8/24/2004	<0.09	25.5	72	0.16	--	386	<0.51	8.34
FSW 343-M02-01PT	8/23/2004	<0.09	124.9	113	1.83	--	317	0.155	60.57
FSW 343-M02-02GNT	8/23/2004	0.3	93.6	134	2.74	--	414	0.097	55.30
FSW 343-M02-03RT	8/23/2004	3.3	93.0	126	2.78	--	383	0.055	53.59
FSW 343-M02-04BUT	8/23/2004	1.0	80.8	109	2.54	--	373	<0.05	55.72
FSW 343-M02-05BKT	8/23/2004	0.6	99.6	99	4.09	--	347	<0.05	45.26
FSW 343-M02-05BKT-D	8/23/2004	0.6	97.6	97	3.99	--	355	<0.05	44.46
FSW 343-M02-06WT	8/23/2004	3.0	103.2	85	4.69	--	344	<0.05	41.49
FSW 343-M02-07O	8/23/2004	2.4	116.8	90	2.87	--	485	<0.05	29.01
FSW 343-M02-08GY	8/23/2004	3.9	126.8	95	3.22	--	581	<0.05	22.39
FSW 343-M02-09Y	8/23/2004	18.9	101.2	69	2.86	--	717	<0.05	57.44
FSW 343-M02-10P	8/23/2004	102.0	109.0	80	2.81	--	821	<0.05	33.61
FSW 343-M02-11GN	8/23/2004	165.4	96.8	62	2.16	--	823	<0.05	79.26

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 343-M02-12R	8/23/2004	120.8	61.7	40	2.28	--	823	<0.05	53.79
FSW 343-M02-14BK	8/23/2004	148.2	65.1	53	2.38	--	988	<0.05	20.93
FSW 343-M02-15W	8/23/2004	21.2	44.4	48	2.26	--	894	<0.05	3.49
FSW 343-M03-01PT (1-19)	8/24/2004	<0.09	21.4	39	0.06	--	270	<0.05	<2.4
FSW 343-M03-02GNT (1-19)	8/24/2004	<0.09	19.9	38	0.05	--	326	<0.05	<2.4
FSW 343-M03-03RT (1-19)	8/24/2004	<0.09	19.8	45	0.21	--	321	<0.05	<2.4
FSW 343-M03-04BUT (1-19)	8/24/2004	<0.09	45.5	37	0.18	--	275	<0.05	15.73
FSW 343-M03-05BKT (1-19)	8/24/2004	<0.09	74.8	37	<0.04	--	190	0.080	39.10
FSW 343-M03-06WT (1-19)	8/24/2004	<0.09	86.5	40	0.07	--	155	0.106	47.72
FSW 343-M03-06WT (1-19)-D	8/24/2004	<0.09	77.2	41	0.07	--	175	0.107	48.59
FSW 343-M03-07O (1-19)	8/24/2004	<0.09	91.1	47	0.42	--	153	0.141	57.11
FSW 343-M03-08GY (1-19)	8/24/2004	<0.09	115.4	70	1.30	--	179	0.191	63.96
FSW 343-M03-09Y (1-19)	8/24/2004	<0.09	130.8	80	1.55	--	184	0.189	61.08
FSW 343-M03-10P (1-19)	8/24/2004	<0.09	121.0	87	1.63	--	224	0.177	62.73
FSW 343-M03-11GN (1-19)	8/24/2004	<0.09	124.1	92	1.61	--	258	0.153	59.21
FSW 343-M03-12R (1-19)	8/24/2004	<0.09	117.2	98	1.72	--	337	0.141	59.47
FSW 343-M03-13BU (1-19)	8/24/2004	0.1	112.6	99	1.85	--	366	0.123	56.73
FSW 343-M03-14BK (1-19)	8/24/2004	<0.09	107.0	104	2.27	--	387	0.109	55.43
FSW 343-M03-15W (1-19)	8/24/2004	<0.09	104.0	111	2.57	--	360	0.087	54.27
FSW 424-M01-01PT	12/1/1994	<0.2	155.6	209	42.99	--	1762	<0.51	44.18
FSW 424-M01-02GNT	12/1/1994	0.2	115.0	218	48.09	--	1747	<0.51	35.13
FSW 424-M01-03RT	12/1/1994	0.2	137.1	186	42.35	--	1942	<0.51	42.92
FSW 424-M01-04BUT	12/1/1994	0.2	222.5	176	40.69	--	2238	<0.51	51.51
FSW 424-M01-05BKT	12/1/1994	<0.2	187.2	168	43.74	--	2046	<0.51	39.71

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-06WT	12/1/1994	<0.2	168.0	179	50.67	--	1597	<0.51	30.77
FSW 424-M01-07O	12/1/1994	<0.2	107.4	142	41.26	--	1390	<0.51	27.39
FSW 424-M01-08GY	12/1/1994	<0.2	51.8	171	65.38	--	1229	<0.51	18.44
FSW 424-M01-09Y	12/1/1994	<0.2	47.1	148	64.04	--	958	<0.51	13.69
FSW 424-M01-10P	12/1/1994	<0.2	22.0	147	60.76	--	925	<0.51	16.67
FSW 424-M01-11GN	12/1/1994	<0.2	28.7	118	44.61	--	809	<0.51	16.66
FSW 424-M01-12R	12/1/1994	<0.2	28.2	80	33.60	--	589	<0.51	13.26
FSW 424-M01-13BU	12/1/1994	<0.2	26.8	88	36.32	--	587	<0.51	10.99
FSW 424-M01-13BU-D	12/1/1994	<0.2	24.9	94	37.58	--	659	<0.51	12.02
FSW 424-M01-14BK	12/1/1994	<0.2	44.3	131	27.25	--	454	<0.51	9.40
FSW 424-M01-15W	12/1/1994	<0.2	63.1	78	10.35	--	325	<0.51	4.42
FSW 424-M02-01PT (72-13)	12/2/1994	0.5	16.5	33	0.64	--	500	<0.51	<3.23
FSW 424-M02-02GNT (72-13)	12/2/1994	8.7	14.3	35	0.81	--	379	<0.51	<3.23
FSW 424-M02-03RT (72-13)	12/2/1994	<0.2	<10.2	30	<0.20	--	289	<0.51	<3.23
FSW 424-M02-04BUT (72-13)	12/2/1994	<0.2	11.7	29	<0.20	--	241	<0.51	<3.23
FSW 424-M02-05BKT (72-13)	12/2/1994	0.5	15.4	32	<0.20	--	222	<0.51	<3.23
FSW 424-M02-06WT (72-13)	12/2/1994	1.8	32.7	50	<0.20	--	304	<0.51	<3.23
FSW 424-M02-07O (72-13)	12/2/1994	2.9	70.1	100	<0.20	--	558	<0.51	<3.23
FSW 424-M02-08GY (72-13)	12/2/1994	3.4	100.0	157	<0.20	--	906	<0.51	11.14
FSW 424-M02-09Y (72-13)	12/2/1994	0.8	143.8	258	20.23	--	1569	<0.51	19.27
FSW 424-M02-10P (72-13)	12/2/1994	0.2	173.2	303	45.63	--	1890	<0.51	23.30
FSW 424-M02-11GN (72-13)	12/2/1994	<0.2	208.1	316	53.63	--	1935	<0.51	27.65
FSW 424-M02-12R (72-13)	12/2/1994	<0.2	239.1	267	58.30	--	1864	<0.51	34.61
FSW 424-M02-13BU (72-13)	12/2/1994	<0.2	262.5	246	55.17	--	2076	<0.51	35.85
FSW 424-M02-14BK (72-13)	12/2/1994	<0.2	245.7	221	40.60	--	2190	<0.51	38.40

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-14BK (72-13)-D	12/2/1994	<0.2	222.1	211	39.48	--	2133	<0.51	35.58
FSW 424-M02-15W (72-13)	12/2/1994	<0.2	179.6	184	41.47	--	2030	<0.51	38.17
FSW 424-M01-01PT	7/9/1996	0.3	209.8	168	38.71	--	2332	<0.51	45.81
FSW 424-M01-02GNT	7/9/1996	0.4	188.1	172	42.83	--	2197	<0.51	48.78
FSW 424-M01-02GNT-D	7/9/1996	0.3	196.4	170	43.03	--	2036	<0.51	47.96
FSW 424-M01-03RT	7/9/1996	<0.2	184.2	146	36.82	--	1863	<0.51	47.62
FSW 424-M01-04BUT	7/9/1996	<0.2	196.3	115	32.64	--	1933	<0.51	53.44
FSW 424-M01-05BKT	7/9/1996	<0.2	146.9	55	17.91	--	1401	<0.51	67.98
FSW 424-M01-06WT	7/9/1996	<0.2	150.0	64	19.03	--	1419	<0.51	66.03
FSW 424-M01-07O	7/9/1996	<0.2	123.1	58	17.49	--	1224	<0.51	56.86
FSW 424-M01-08GY	7/9/1996	1.0	66.0	55	20.33	--	1115	<0.51	45.65
FSW 424-M01-09Y	7/9/1996	<0.2	61.3	63	27.22	--	1134	<0.51	31.00
FSW 424-M01-10P	7/9/1996	<0.2	48.6	72	30.47	--	1017	<0.51	25.22
FSW 424-M01-11GN	7/9/1996	<0.2	57.4	65	24.93	--	1146	<0.51	28.09
FSW 424-M01-11GN-D	7/9/1996	<0.2	51.9	59	23.10	--	948	<0.51	23.70
FSW 424-M01-12R	7/9/1996	<0.2	53.3	56	22.77	--	1149	<0.51	22.96
FSW 424-M01-13BU	7/9/1996	<0.2	41.6	75	30.93	--	1185	<0.51	15.80
FSW 424-M01-14BK	7/9/1996	<0.2	49.4	103	23.77	--	875	<0.51	7.99
FSW 424-M01-15W	7/9/1996	<0.2	65.4	100	11.99	--	421	<0.51	<3.23
FSW 424-M02-01PT (72-13)	7/10/1996	<0.2	21.6	113	0.21	--	1028	<0.51	<3.23
FSW 424-M02-02GNT (72-13)	7/10/1996	<0.2	11.8	55	0.29	--	1163	<0.51	<3.23
FSW 424-M02-03RT (72-13)	7/10/1996	0.3	19.4	40	<0.20	--	589	<0.51	<3.23
FSW 424-M02-04BUT (72-13)	7/10/1996	<0.2	21.1	45	<0.20	--	495	<0.51	<3.23
FSW 424-M02-05BKT (72-13)	7/10/1996	<0.2	31.5	47	<0.20	--	424	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-05BKT (72-13)-D	7/10/1996	<0.2	31.9	47	<0.20	--	423	<0.51	<3.23
FSW 424-M02-06WT (72-13)	7/10/1996	<0.2	46.0	52	<0.20	--	469	<0.51	<3.23
FSW 424-M02-07O (72-13)	7/10/1996	<0.2	54.3	52	<0.20	--	611	<0.51	<3.23
FSW 424-M02-08GY (72-13)	7/10/1996	<0.2	87.5	67	<0.20	--	873	<0.51	13.51
FSW 424-M02-09Y (72-13)	7/10/1996	<0.2	127.5	93	3.18	--	1226	<0.51	22.74
FSW 424-M02-10P (72-13)	7/10/1996	<0.2	214.2	167	22.09	--	2063	<0.51	32.27
FSW 424-M02-11GN (72-13)	7/10/1996	0.2	264.2	225	39.14	--	2257	<0.51	34.33
FSW 424-M02-12R (72-13)	7/10/1996	<0.2	294.2	270	58.69	--	2272	<0.51	34.34
FSW 424-M02-13BU (72-13)	7/10/1996	<0.2	300.3	303	64.25	--	2484	<0.51	34.75
FSW 424-M02-14BK (72-13)	7/10/1996	<0.2	193.1	291	50.85	--	2491	<0.51	33.07
FSW 424-M02-14BK (72-13)-D	7/10/1996	<0.2	215.6	322	56.07	--	2768	<0.51	36.72
FSW 424-M02-15W (72-13)	7/10/1996	<0.2	262.8	303	61.34	--	2644	<0.51	33.04
FSW 424-M01-01PT	6/11/1997	<0.2	195.7	148	36.70	--	1928	<0.51	39.35
FSW 424-M01-01PT-D	6/11/1997	<0.2	186.2	148	36.17	--	1934	<0.51	38.66
FSW 424-M01-02GNT	6/11/1997	<0.2	210.9	173	45.55	--	1743	<0.51	33.18
FSW 424-M01-03RT	6/11/1997	<0.2	183.4	146	42.40	--	1307	<0.51	34.02
FSW 424-M01-04BUT	6/11/1997	<0.2	196.3	159	53.49	--	889	<0.51	27.92
FSW 424-M01-05BKT	6/11/1997	<0.2	188.1	127	42.41	--	535	<0.51	29.32
FSW 424-M01-06WT	6/11/1997	<0.2	157.6	110	36.80	--	498	<0.51	28.42
FSW 424-M01-07O	6/11/1997	<0.2	105.5	123	40.74	--	511	<0.51	22.06
FSW 424-M01-08GY	6/11/1997	<0.2	79.1	159	65.30	--	551	<0.51	14.73
FSW 424-M01-09Y	6/11/1997	<0.2	84.4	161	75.25	--	580	<0.51	11.49
FSW 424-M01-09Y-D	6/11/1997	<0.2	79.5	162	74.21	--	597	<0.51	13.60
FSW 424-M01-10P	6/11/1997	<0.2	82.0	155	69.78	--	559	<0.51	13.39
FSW 424-M01-11GN	6/11/1997	<0.2	83.2	126	54.21	--	505	<0.51	11.73

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-12R	6/11/1997	<0.2	95.5	118	54.68	--	436	<0.51	10.37
FSW 424-M01-13BU	6/11/1997	<0.2	51.6	111	49.34	--	372	<0.51	8.30
FSW 424-M01-14BK	6/11/1997	<0.2	48.6	127	29.91	--	310	<0.51	6.06
FSW 424-M01-15W	6/11/1997	<0.2	84.4	113	12.92	--	274	<0.51	<3.23
FSW 424-M02-01PT (72-13)	6/11/1997	<0.2	20.2	52	<0.20	--	679	<0.51	<3.23
FSW 424-M02-02GNT (72-13)	6/11/1997	<0.2	18.0	48	<0.20	--	584	<0.51	<3.23
FSW 424-M02-03RT (72-13)	6/11/1997	<0.2	22.5	47	0.36	--	340	<0.51	<3.23
FSW 424-M02-04BUT (72-13)	6/11/1997	<0.2	18.4	37	<0.20	--	217	<0.51	<3.23
FSW 424-M02-04BUT (72-13)-D	6/11/1997	<0.2	15.7	37	0.27	--	210	<0.51	<3.23
FSW 424-M02-05BKT (72-13)	6/11/1997	<0.2	16.6	28	<0.20	--	172	<0.51	<3.23
FSW 424-M02-06WT (72-13)	6/11/1997	<0.2	30.6	25	<0.20	--	238	<0.51	<3.23
FSW 424-M02-07O (72-13)	6/11/1997	<0.2	58.9	39	<0.20	--	385	<0.51	<3.23
FSW 424-M02-08GY (72-13)	6/11/1997	<0.2	94.9	70	<0.20	--	702	<0.51	16.31
FSW 424-M02-09Y (72-13)	6/11/1997	<0.2	155.6	141	4.03	--	1190	<0.51	19.25
FSW 424-M02-10P (72-13)	6/11/1997	<0.2	206.8	252	31.92	--	1820	<0.51	22.40
FSW 424-M02-11GN (72-13)	6/11/1997	<0.2	252.7	308	46.87	--	2073	<0.51	25.05
FSW 424-M02-12R (72-13)	6/11/1997	0.2	336.7	320	61.90	--	2242	<0.51	30.18
FSW 424-M02-13BU (72-13)	6/11/1997	0.3	298.1	263	45.55	--	2133	<0.51	31.60
FSW 424-M02-13BU (72-13)-D	6/11/1997	0.3	286.8	261	45.50	--	2112	<0.51	30.23
FSW 424-M02-14BK (72-13)	6/11/1997	0.2	204.6	154	25.92	--	2029	<0.51	37.16
FSW 424-M02-15W (72-13)	6/11/1997	0.2	182.5	146	29.48	--	1932	<0.51	35.86
FSW 424-M01-01PT	6/10/1998	<0.2	178.2	167	38.68	--	2470	<0.51	33.75
FSW 424-M01-02GNT	6/10/1998	<0.2	181.0	162	44.12	--	2433	<0.51	31.85
FSW 424-M01-03RT	6/10/1998	<0.2	160.4	155	47.57	--	2366	<0.51	29.37

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-04BUT	6/10/1998	<0.2	162.7	140	45.73	--	2132	<0.51	28.95
FSW 424-M01-05BKT	6/10/1998	<0.2	164.7	153	45.59	--	2298	<0.51	27.73
FSW 424-M01-06WT	6/10/1998	<0.2	163.2	151	46.65	--	1663	<0.51	24.66
FSW 424-M01-06WT-D	6/10/1998	<0.2	150.4	153	47.39	--	1676	<0.51	24.33
FSW 424-M01-07O	6/10/1998	<0.2	86.2	140	51.14	--	1387	<0.51	19.35
FSW 424-M01-08GY	6/10/1998	<0.2	74.9	165	72.78	--	1337	<0.51	12.77
FSW 424-M01-09Y	6/10/1998	<0.2	81.0	176	75.96	--	978	<0.51	9.90
FSW 424-M01-10P	6/10/1998	<0.2	73.4	161	70.54	--	670	<0.51	10.01
FSW 424-M01-11GN	6/10/1998	<0.2	83.5	130	62.84	--	564	<0.51	7.77
FSW 424-M01-12R	6/10/1998	<0.2	74.7	103	41.91	--	487	<0.51	6.99
FSW 424-M01-13BU	6/10/1998	<0.2	51.5	103	43.57	--	371	<0.51	7.37
FSW 424-M01-14BK	6/10/1998	<0.2	27.7	94	22.15	--	280	<0.51	4.56
FSW 424-M01-15W	6/10/1998	<0.2	95.5	93	8.69	--	261	<0.51	4.35
FSW 424-M01-15W-D	6/10/1998	<0.2	101.4	95	9.01	--	259	<0.51	3.55
FSW 424-M02-01PT (72-13)	6/10/1998	<0.2	16.8	26	<0.20	--	423	<0.51	<3.23
FSW 424-M02-02GNT (72-13)	6/10/1998	<0.2	18.6	21	<0.20	--	235	<0.51	<3.23
FSW 424-M02-03RT (72-13)	6/10/1998	<0.2	17.1	23	<0.20	--	206	<0.51	<3.23
FSW 424-M02-04BUT (72-13)	6/10/1998	<0.2	31.9	32	0.29	--	205	<0.51	<3.23
FSW 424-M02-05BKT (72-13)	6/10/1998	<0.2	30.4	33	<0.20	--	191	<0.51	<3.23
FSW 424-M02-06WT (72-13)	6/10/1998	<0.2	50.3	47	<0.20	--	320	<0.51	<3.23
FSW 424-M02-07O (72-13)	6/10/1998	<0.2	82.0	83	<0.20	--	612	<0.51	3.36
FSW 424-M02-08GY (72-13)	6/10/1998	<0.2	132.2	163	0.25	--	1154	<0.51	12.54
FSW 424-M02-09Y (72-13)	6/10/1998	0.2	163.9	221	6.45	--	1596	<0.51	16.74
FSW 424-M02-09Y (72-13)-D	6/10/1998	0.3	154.4	227	6.41	--	1608	<0.51	16.91
FSW 424-M02-10P (72-13)	6/10/1998	0.2	221.0	276	32.04	--	2113	<0.51	23.32

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-11GN (72-13)	6/10/1998	<0.2	252.4	282	39.31	--	2280	<0.51	25.32
FSW 424-M02-12R (72-13)	6/10/1998	<0.2	310.7	304	44.66	--	2299	<0.51	29.58
FSW 424-M02-13BU (72-13)	6/10/1998	<0.2	299.2	312	38.80	--	2402	<0.51	27.60
FSW 424-M02-14BK (72-13)	6/10/1998	<0.2	196.6	286	45.37	--	2417	<0.51	23.95
FSW 424-M02-15W (72-13)	6/10/1998	<0.2	176.5	229	43.99	--	2266	<0.51	27.13
FSW 424-M01-01PT	6/29/1999	<0.2	107.5	216	45.37	--	2429	<0.51	31.21
FSW 424-M01-02GNT	6/29/1999	<0.2	133.0	156	46.14	--	2615	<0.51	33.61
FSW 424-M01-03RT	6/29/1999	<0.2	134.7	151	45.24	--	2431	<0.51	31.30
FSW 424-M01-04BUT	6/29/1999	<0.2	108.4	110	33.30	--	2041	<0.51	34.35
FSW 424-M01-05BKT	6/29/1999	<0.2	111.8	147	42.72	--	1905	<0.51	28.32
FSW 424-M01-06WT	6/29/1999	<0.2	136.4	192	53.38	--	2028	<0.51	24.86
FSW 424-M01-06WT-D	6/29/1999	<0.2	128.3	181	52.29	--	1815	<0.51	20.76
FSW 424-M01-07O	6/29/1999	<0.2	116.4	171	54.63	--	1664	<0.51	21.11
FSW 424-M01-08GY	6/29/1999	<0.2	56.5	85	34.96	--	986	<0.51	16.69
FSW 424-M01-09Y	6/29/1999	<0.2	45.0	56	22.55	--	598	<0.51	14.50
FSW 424-M01-10P	6/29/1999	<0.2	65.9	56	24.51	--	448	<0.51	13.26
FSW 424-M01-11GN	6/29/1999	<0.2	54.4	37	16.07	--	404	<0.51	11.69
FSW 424-M01-12R	6/29/1999	<0.2	47.6	46	17.81	--	350	<0.51	8.84
FSW 424-M01-13BU	6/29/1999	<0.2	37.8	60	28.18	--	349	<0.51	8.86
FSW 424-M01-14BK	6/29/1999	<0.2	28.5	90	20.58	--	323	<0.51	4.44
FSW 424-M01-15W	6/29/1999	<0.2	83.7	95	9.16	--	242	<0.51	5.77
FSW 424-M02-01PT (72-13)	6/29/1999	0.3	<10.2	67	<0.20	--	814	<0.51	<3.23
FSW 424-M02-01PT (72-13)-D	6/29/1999	0.3	11.1	66	<0.20	--	762	<0.51	<3.23
FSW 424-M02-02GNT (72-13)	6/29/1999	<0.2	<10.2	46	<0.20	--	526	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-03RT (72-13)	6/29/1999	<0.2	21.2	35	<0.20	--	539	<0.51	<3.23
FSW 424-M02-04BUT (72-13)	6/29/1999	<0.2	<10.2	32	1.27	--	420	<0.51	<3.23
FSW 424-M02-05BKT (72-13)	6/29/1999	<0.2	19.2	38	0.24	--	274	<0.51	<3.23
FSW 424-M02-05BKT (72-13)-D	6/29/1999	<0.2	19.3	37	0.24	--	259	<0.51	<3.23
FSW 424-M02-06WT (72-13)	6/29/1999	<0.2	29.8	43	<0.20	--	307	<0.51	<3.23
FSW 424-M02-07O (72-13)	6/29/1999	<0.2	53.1	57	<0.20	--	506	<0.51	<3.23
FSW 424-M02-08GY (72-13)	6/29/1999	<0.2	78.9	65	<0.20	--	662	<0.51	11.26
FSW 424-M02-09Y (72-13)	6/29/1999	<0.2	122.4	90	3.77	--	1000	<0.51	18.62
FSW 424-M02-10P (72-13)	6/29/1999	<0.2	172.0	113	13.36	--	1395	<0.51	24.70
FSW 424-M02-11GN (72-13)	6/29/1999	<0.2	176.0	121	17.54	--	1566	<0.51	30.95
FSW 424-M02-12R (72-13)	6/29/1999	<0.2	176.5	131	21.91	--	1681	<0.51	34.39
FSW 424-M02-13BU (72-13)	6/29/1999	<0.2	218.5	154	21.32	--	2000	<0.51	38.90
FSW 424-M02-14BK (72-13)	6/29/1999	<0.2	278.2	205	25.98	--	2358	<0.51	36.17
FSW 424-M02-15W (72-13)	6/29/1999	<0.2	320.7	242	37.10	--	2564	<0.51	31.43
FSW 424-M01-01PT	6/6/2000	0.1	206.8	100	19.76	<0.02	1612	0.114	41.21
FSW 424-M01-02GNT	6/6/2000	0.2	80.5	85	25.80	<0.02	1750	0.185	45.38
FSW 424-M01-03RT	6/6/2000	0.2	102.6	71	21.45	<0.02	1433	0.127	56.59
FSW 424-M01-04BUT	6/6/2000	0.1	117.3	54	19.88	0.02	1383	0.086	54.35
FSW 424-M01-05BKT	6/6/2000	0.1	102.0	48	16.22	0.04	1296	0.068	66.00
FSW 424-M01-06WT	6/6/2000	0.1	67.2	53	16.20	0.03	1109	0.075	49.71
FSW 424-M01-07O	6/6/2000	0.1	65.8	43	15.37	0.02	1043	0.082	49.42
FSW 424-M01-08GY	6/6/2000	0.2	40.1	28	12.15	0.04	800	0.055	50.95
FSW 424-M01-09Y	6/6/2000	0.2	42.3	23	9.76	0.02	582	0.034	39.29
FSW 424-M01-10P	6/6/2000	<0.09	42.1	26	13.18	<0.02	500	<0.05	17.16
FSW 424-M01-11GN	6/6/2000	<0.09	52.7	20	8.38	<0.02	457	<0.05	15.49

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-12R	6/6/2000	<0.09	43.3	21	7.02	<0.02	454	<0.05	14.02
FSW 424-M01-13BU	6/6/2000	0.1	37.8	50	25.24	<0.02	388	<0.05	7.14
FSW 424-M01-13BU-D	6/6/2000	0.2	40.8	54	26.34	<0.02	412	<0.05	7.55
FSW 424-M01-14BK	6/6/2000	0.1	28.0	48	11.99	<0.02	470	<0.05	5.89
FSW 424-M01-15W	6/6/2000	<0.09	46.5	83	9.54	<0.02	462	0.040	2.86
FSW 424-M02-01PT (72-13)	6/6/2000	<0.09	10.1	79	<0.04	<0.02	577	<0.05	<2.4
FSW 424-M02-02GNT (72-13)	6/6/2000	<0.09	11.4	55	0.13	<0.02	456	<0.05	<2.4
FSW 424-M02-02GNT (72-13)-D	6/6/2000	<0.09	12.5	60	0.14	<0.02	473	<0.05	<2.4
FSW 424-M02-03RT (72-13)	6/6/2000	<0.09	18.3	89	0.22	<0.02	494	<0.05	<2.4
FSW 424-M02-04BUT (72-13)	6/6/2000	0.1	35.7	122	0.43	<0.02	679	<0.05	<2.4
FSW 424-M02-05BKT (72-13)	6/6/2000	0.1	35.8	86	0.13	<0.02	453	<0.05	<2.4
FSW 424-M02-06WT (72-13)	6/6/2000	<0.09	44.7	74	0.04	<0.02	472	<0.05	<2.4
FSW 424-M02-07O (72-13)	6/6/2000	0.1	71.4	70	<0.04	<0.02	728	<0.05	<2.4
FSW 424-M02-07O (72-13)-D	6/6/2000	0.1	75.5	73	<0.04	<0.02	765	<0.05	2.41
FSW 424-M02-08GY (72-13)	6/6/2000	<0.09	90.0	68	<0.04	<0.02	874	0.040	11.98
FSW 424-M02-09Y (72-13)	6/6/2000	0.2	135.7	84	3.90	<0.02	1154	0.080	30.72
FSW 424-M02-10P (72-13)	6/6/2000	0.1	175.3	110	10.93	<0.02	1576	0.117	34.67
FSW 424-M02-11GN (72-13)	6/6/2000	0.1	221.9	149	18.63	<0.02	1818	0.114	34.78
FSW 424-M02-12R (72-13)	6/6/2000	0.1	256.5	187	29.71	<0.02	1771	0.131	36.27
FSW 424-M02-13BU (72-13)	6/6/2000	0.1	232.5	173	23.83	<0.02	1862	0.108	38.70
FSW 424-M02-14BK (72-13)	6/6/2000	0.1	232.3	182	23.21	<0.02	2033	0.108	37.32
FSW 424-M02-15W (72-13)	6/6/2000	0.3	258.1	188	24.60	<0.02	2200	0.129	41.94
FSW 424-M01-01PT	7/19/2001	0.2	150.3	75	14.17	<0.02	1132	0.063	40.14
FSW 424-M01-02GNT	7/19/2001	0.2	70.6	54	16.56	<0.02	1213	0.053	38.51

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-03RT	7/19/2001	0.2	140.8	129	41.47	<0.02	772	0.066	27.93
FSW 424-M01-04BUT	7/19/2001	0.2	122.3	104	33.32	<0.02	618	0.062	28.50
FSW 424-M01-05BKT	7/19/2001	0.2	103.7	57	18.47	<0.02	588	<0.05	44.56
FSW 424-M01-06WT	7/19/2001	0.2	49.6	35	11.24	0.05	700	<0.05	69.68
FSW 424-M01-07O	7/19/2001	0.2	42.2	23	8.69	0.05	743	<0.05	68.76
FSW 424-M01-08GY	7/19/2001	0.2	37.7	19	8.42	0.04	626	<0.05	53.45
FSW 424-M01-09Y	7/19/2001	0.2	43.6	33	13.75	<0.02	538	<0.05	20.66
FSW 424-M01-10P	7/19/2001	0.2	33.8	28	10.19	<0.02	408	<0.05	11.60
FSW 424-M01-11GN	7/19/2001	0.2	50.5	32	10.23	<0.02	388	<0.05	8.71
FSW 424-M01-11GN-D	7/19/2001	0.2	48.4	31	10.30	<0.02	353	<0.05	8.86
FSW 424-M01-12R	7/19/2001	0.2	51.3	37	7.70	<0.02	305	<0.05	7.55
FSW 424-M01-13BU	7/19/2001	0.2	35.1	65	27.50	<0.02	279	<0.05	4.92
FSW 424-M01-14BK	7/19/2001	0.2	27.0	85	17.51	<0.02	273	<0.05	3.43
FSW 424-M01-15W	7/19/2001	0.5	34.3	89	9.03	<0.02	288	0.105	<2.4
FSW 424-M02-01PT (72-13)	7/19/2001	0.2	4.7	73	<0.04	<0.02	901	<0.05	<2.4
FSW 424-M02-02GNT (72-13)	7/19/2001	<0.09	15.6	42	0.08	0.03	793	0.121	<2.4
FSW 424-M02-03RT (72-13)	7/19/2001	0.2	16.5	38	0.08	<0.02	502	<0.05	<2.4
FSW 424-M02-04BUT (72-13)	7/19/2001	0.2	19.9	38	0.12	<0.02	378	<0.05	<2.4
FSW 424-M02-05BKT (72-13)	7/19/2001	0.2	29.1	50	0.07	<0.02	320	<0.05	<2.4
FSW 424-M02-06WT (72-13)	7/19/2001	0.2	45.8	65	<0.04	<0.02	336	<0.05	<2.4
FSW 424-M02-07O (72-13)	7/19/2001	0.2	72.1	84	<0.04	<0.02	370	<0.05	<2.4
FSW 424-M02-07O (72-13)-D	7/19/2001	0.2	68.5	84	<0.04	<0.02	358	<0.05	<2.4
FSW 424-M02-08GY (72-13)	7/19/2001	0.2	100.8	116	0.07	<0.02	416	<0.05	8.75
FSW 424-M02-09Y (72-13)	7/19/2001	0.2	120.6	136	2.93	<0.02	503	0.067	16.07
FSW 424-M02-10P (72-13)	7/19/2001	0.2	154.4	167	15.40	<0.02	699	0.096	21.09

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-11GN (72-13)	7/19/2001	0.2	170.1	168	20.97	<0.02	898	0.105	22.63
FSW 424-M02-12R (72-13)	7/19/2001	0.2	228.2	204	31.21	<0.02	1073	0.126	23.20
FSW 424-M02-13BU (72-13)	7/19/2001	0.2	250.1	229	30.42	<0.02	1131	0.112	23.02
FSW 424-M02-14BK (72-13)	7/19/2001	0.2	195.7	280	34.87	<0.02	1112	0.111	22.00
FSW 424-M02-15W (72-13)	7/19/2001	0.2	172.7	243	32.90	<0.02	836	0.092	22.09
FSW 424-M01-01PT	7/9/2002	<0.09	266.0	288	44.34	<0.02	848	0.088	17.76
FSW 424-M01-02GNT	7/9/2002	<0.09	261.8	279	73.00	<0.02	910	0.125	10.25
FSW 424-M01-03RT	7/9/2002	<0.09	135.4	217	91.58	<0.02	660	0.097	11.22
FSW 424-M01-04BUT	7/9/2002	<0.09	135.0	198	55.25	<0.02	785	0.065	21.64
FSW 424-M01-04BUT-D	7/9/2002	<0.09	135.2	200	55.45	<0.02	778	0.066	21.50
FSW 424-M01-05BKT	7/9/2002	<0.09	115.4	114	36.93	<0.02	754	<0.05	30.00
FSW 424-M01-06WT	7/9/2002	<0.09	117.0	111	33.67	<0.02	589	<0.05	28.12
FSW 424-M01-07O	7/9/2002	<0.09	95.0	94	30.57	<0.02	580	<0.05	32.99
FSW 424-M01-08GY	7/9/2002	<0.09	71.4	81	29.69	<0.02	372	<0.05	28.11
FSW 424-M01-09Y	7/9/2002	<0.09	67.5	79	28.01	<0.02	257	<0.05	13.70
FSW 424-M01-10P	7/9/2002	<0.09	53.7	46	16.53	<0.02	221	<0.05	9.64
FSW 424-M01-11GN	7/9/2002	<0.09	55.6	46	8.55	<0.02	180	<0.05	7.03
FSW 424-M01-12R	7/9/2002	<0.09	63.6	62	3.90	<0.02	222	<0.05	6.45
FSW 424-M01-13BU	7/9/2002	<0.09	45.2	72	27.34	<0.02	228	<0.05	4.64
FSW 424-M01-14BK	7/9/2002	<0.09	36.1	82	15.30	<0.02	240	<0.05	3.57
FSW 424-M01-15W	7/9/2002	<0.09	34.2	86	6.00	<0.02	252	<0.05	<2.4
FSW 424-M02-01PT (72-13)	7/9/2002	--	--	--	--	--	--	--	--
FSW 424-M02-02GNT (72-13)	7/9/2002	<0.09	13.7	43	0.10	<0.02	334	<0.05	<2.4
FSW 424-M02-03RT (72-13)	7/9/2002	<0.09	16.6	43	0.13	<0.02	274	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-03RT (72-13)-D	7/9/2002	<0.09	15.5	41	0.13	<0.02	268	<0.05	<2.4
FSW 424-M02-04BUT (72-13)	7/9/2002	<0.09	23.1	49	0.22	<0.02	260	<0.05	<2.4
FSW 424-M02-05BKT (72-13)	7/9/2002	<0.09	37.9	86	0.15	<0.02	284	<0.05	<2.4
FSW 424-M02-06WT (72-13)	7/9/2002	<0.09	76.8	164	0.12	<0.02	452	<0.05	<2.4
FSW 424-M02-07O (72-13)	7/9/2002	<0.09	110.5	173	0.12	<0.02	624	<0.05	<2.4
FSW 424-M02-08GY (72-13)	7/9/2002	<0.09	115.0	154	0.21	<0.02	691	0.058	6.11
FSW 424-M02-09Y (72-13)	7/9/2002	<0.09	143.3	138	7.17	<0.02	711	0.064	16.86
FSW 424-M02-10P (72-13)	7/9/2002	<0.09	104.7	92	13.64	<0.02	440	0.065	21.88
FSW 424-M02-11GN (72-13)	7/9/2002	<0.09	188.2	152	17.25	<0.02	689	0.084	23.67
FSW 424-M02-12R (72-13)	7/9/2002	<0.09	220.3	203	27.84	<0.02	741	0.105	21.47
FSW 424-M02-13BU (72-13)	7/9/2002	<0.09	229.3	269	32.52	<0.02	771	0.112	19.32
FSW 424-M02-14BK (72-13)	7/9/2002	<0.09	245.3	301	33.78	<0.02	888	0.102	18.18
FSW 424-M02-15W (72-13)	7/9/2002	<0.09	231.4	272	31.26	<0.02	927	0.088	19.55
FSW 424-M01-01PT	5/29/2003	<0.09	351.5	288	38.92	--	698	0.095	24.31
FSW 424-M01-02GNT	5/29/2003	<0.09	286.9	211	42.16	--	694	0.089	23.59
FSW 424-M01-02GNT-D	5/29/2003	<0.09	286.9	210	41.32	--	690	0.089	23.19
FSW 424-M01-03RT	5/29/2003	<0.09	150.9	194	56.85	--	808	0.094	31.06
FSW 424-M01-04BUT	5/29/2003	<0.09	115.7	159	44.34	--	793	0.070	37.16
FSW 424-M01-05BKT	5/29/2003	<0.09	99.0	96	26.79	--	785	<0.05	48.82
FSW 424-M01-06WT	5/29/2003	<0.09	101.6	98	30.33	--	798	<0.05	45.46
FSW 424-M01-07O	5/29/2003	<0.09	93.4	77	25.59	--	698	<0.05	48.82
FSW 424-M01-08GY	5/29/2003	<0.09	88.5	76	26.54	--	531	<0.05	37.71
FSW 424-M01-09Y	5/29/2003	<0.09	61.2	86	33.27	--	287	<0.05	12.86
FSW 424-M01-10P	5/29/2003	<0.09	58.2	66	13.81	--	259	<0.05	10.09
FSW 424-M01-11GN	5/29/2003	<0.09	73.1	67	3.98	--	253	<0.05	7.81

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-12R	5/29/2003	<0.09	70.4	64	2.21	--	240	<0.05	6.31
FSW 424-M01-13BU	5/29/2003	<0.09	57.9	71	28.07	--	260	<0.05	6.48
FSW 424-M01-13BU-D	5/29/2003	<0.09	59.8	73	28.43	--	266	<0.05	6.45
FSW 424-M01-14BK	5/29/2003	<0.09	55.5	83	14.65	--	272	<0.05	4.06
FSW 424-M01-15W	5/29/2003	<0.09	33.2	85	5.47	--	271	0.053	<2.4
FSW 424-M02-01PT (72-13)	5/29/2003	<0.09	8.2	52	<0.04	--	514	<0.05	<2.4
FSW 424-M02-02GNT (72-13)	5/29/2003	<0.09	30.9	105	0.25	--	1916	<0.05	<2.4
FSW 424-M02-03RT (72-13)	5/29/2003	0.1	35.7	100	0.31	--	1636	<0.05	<2.4
FSW 424-M02-04BUT (72-13)	5/29/2003	0.1	26.8	54	0.08	--	544	<0.05	<2.4
FSW 424-M02-05BKT (72-13)	5/29/2003	<0.09	32.6	43	0.06	--	292	<0.05	<2.4
FSW 424-M02-06WT (72-13)	5/29/2003	<0.09	54.4	53	<0.04	--	307	<0.05	<2.4
FSW 424-M02-06WT (72-13)-D	5/29/2003	0.2	57.1	55	0.05	--	314	<0.05	<2.4
FSW 424-M02-07O (72-13)	5/29/2003	<0.09	79.9	70	0.04	--	379	<0.05	<2.4
FSW 424-M02-08GY (72-13)	5/29/2003	<0.09	105.8	90	0.17	--	458	<0.05	9.40
FSW 424-M02-09Y (72-13)	5/29/2003	<0.09	127.2	102	4.02	--	543	<0.05	18.56
FSW 424-M02-09Y (72-13)-D	5/29/2003	0.3	125.4	100	4.02	--	530	<0.05	18.23
FSW 424-M02-10P (72-13)	5/29/2003	<0.09	192.3	162	14.96	--	757	0.083	26.14
FSW 424-M02-11GN (72-13)	5/29/2003	<0.09	253.7	206	22.55	--	766	0.109	26.60
FSW 424-M02-12R (72-13)	5/29/2003	<0.09	319.6	286	39.68	--	685	0.158	23.44
FSW 424-M02-13BU (72-13)	5/29/2003	<0.09	318.3	303	34.68	--	709	0.131	22.63
FSW 424-M02-14BK (72-13)	5/29/2003	<0.09	286.8	270	28.52	--	712	0.104	22.88
FSW 424-M02-15W (72-13)	5/29/2003	<0.09	303.6	261	29.47	--	709	0.094	24.58
FSW 424-M01-01PT	7/29/2004	<0.09	322.7	163	26.74	--	616	0.073	22.65
FSW 424-M01-02GNT	7/29/2004	<0.09	140.5	155	34.35	--	813	0.068	28.76

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M01-03RT	7/29/2004	<0.09	93.8	114	34.06	--	803	0.060	36.22
FSW 424-M01-04BUT	7/29/2004	<0.09	126.8	122	30.29	--	582	<0.05	35.58
FSW 424-M01-05BKT	7/29/2004	<0.09	98.1	66	17.15	--	377	<0.05	51.98
FSW 424-M01-06WT	7/29/2004	<0.09	87.3	65	20.90	--	361	<0.05	46.75
FSW 424-M01-07O	7/29/2004	<0.09	84.0	71	23.64	--	320	<0.05	40.39
FSW 424-M01-08GY	7/29/2004	<0.09	59.0	84	29.72	--	251	<0.05	22.64
FSW 424-M01-09Y	7/29/2004	<0.09	47.3	59	17.69	--	246	<0.05	10.28
FSW 424-M01-09Y-D	7/29/2004	<0.09	41.2	57	17.58	--	239	<0.05	9.53
FSW 424-M01-10P	7/29/2004	<0.09	70.7	65	4.05	--	257	<0.05	8.48
FSW 424-M01-11GN	7/29/2004	<0.09	80.6	68	0.61	--	252	<0.05	6.42
FSW 424-M01-12R	7/29/2004	0.1	70.9	72	3.28	--	269	<0.05	5.59
FSW 424-M01-13BU	7/29/2004	<0.09	59.6	74	26.94	--	288	<0.05	5.70
FSW 424-M01-14BK	7/29/2004	<0.09	42.5	78	10.53	--	262	<0.05	3.61
FSW 424-M01-15W	7/29/2004	<0.09	34.0	80	3.54	--	259	<0.05	<2.4
FSW 424-M01-15W-D	7/29/2004	<0.09	30.9	81	3.67	--	273	0.053	<2.4
FSW 424-M02-01PT (72-13)	7/29/2004	<0.09	15.7	78	<0.04	--	1383	<0.05	<2.4
FSW 424-M02-02GNT (72-13)	7/29/2004	<0.09	24.2	69	0.36	--	1434	<0.05	<2.4
FSW 424-M02-03RT (72-13)	7/29/2004	<0.09	23.0	57	0.23	--	1163	<0.05	<2.4
FSW 424-M02-04BUT (72-13)	7/29/2004	<0.09	26.7	46	0.24	--	982	<0.05	<2.4
FSW 424-M02-05BKT (72-13)	7/29/2004	<0.09	27.7	35	0.08	--	584	<0.05	<2.4
FSW 424-M02-06WT (72-13)	7/29/2004	<0.09	41.1	38	<0.04	--	266	<0.05	<2.4
FSW 424-M02-07O (72-13)	7/29/2004	<0.09	64.8	54	<0.04	--	278	<0.05	<2.4
FSW 424-M02-08GY (72-13)	7/29/2004	0.2	81.4	71	0.10	--	370	<0.05	11.18
FSW 424-M02-09Y (72-13)	7/29/2004	<0.09	116.6	97	1.77	--	455	<0.05	19.35
FSW 424-M02-10P (72-13)	7/29/2004	<0.09	166.7	138	13.09	--	513	0.077	26.68

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 424-M02-10P (72-13)-D	7/29/2004	<0.09	165.4	136	12.83	--	506	0.073	25.97
FSW 424-M02-11GN (72-13)	7/29/2004	<0.09	202.9	177	19.04	--	518	0.097	24.70
FSW 424-M02-12R (72-13)	7/29/2004	<0.09	224.1	246	29.11	--	493	0.126	22.51
FSW 424-M02-14BK (72-13)	7/29/2004	<0.09	221.9	249	20.61	--	560	0.075	21.58
FSW 424-M02-15W (72-13)	7/29/2004	<0.09	208.6	220	19.75	--	546	0.065	22.92
FSW 566-M01-01PT	12/8/1994	1.8	159.4	113	17.07	--	1923	<0.51	39.90
FSW 566-M01-02GNT	12/8/1994	0.5	171.2	100	19.91	--	1622	<0.51	37.03
FSW 566-M01-04BUT	12/8/1994	0.3	114.6	70	12.57	--	1380	<0.51	36.98
FSW 566-M01-05BKT	12/8/1994	0.2	129.2	70	12.69	--	1222	<0.51	37.70
FSW 566-M01-06WT	12/8/1994	<0.2	108.6	57	9.96	--	890	<0.51	36.45
FSW 566-M01-07O	12/8/1994	<0.2	42.9	54	10.40	--	1066	<0.51	35.97
FSW 566-M01-08GY	12/8/1994	<0.2	37.3	35	9.35	--	858	<0.51	21.70
FSW 566-M01-09Y	12/8/1994	<0.2	47.5	42	13.08	--	931	<0.51	18.64
FSW 566-M01-10P	12/8/1994	<0.2	58.4	102	25.02	--	668	<0.51	8.81
FSW 566-M01-11GN	12/8/1994	1.9	50.9	96	27.73	--	453	<0.51	6.73
FSW 566-M01-12R	12/8/1994	<0.2	54.3	67	22.62	--	435	<0.51	7.16
FSW 566-M01-13BU	12/8/1994	<0.2	33.0	91	10.42	--	276	<0.51	5.18
FSW 566-M01-14BK	12/8/1994	<0.2	117.5	81	3.01	--	258	<0.51	<3.23
FSW 566-M01-15W	12/8/1994	<0.2	129.9	84	1.98	--	307	<0.51	<3.23
FSW 566-M02-01PT (65-12)	12/8/1994	<0.2	32.0	23	<0.20	--	183	<0.51	<3.23
FSW 566-M02-02GNT (65-12)	12/8/1994	<0.2	22.5	36	<0.20	--	270	<0.51	<3.23
FSW 566-M02-03RT (65-12)	12/8/1994	<0.2	45.3	69	0.21	--	502	<0.51	<3.23
FSW 566-M02-04BUT (65-12)	12/8/1994	<0.2	100.1	104	0.57	--	909	<0.51	5.73
FSW 566-M02-05BKT (65-12)	12/8/1994	0.4	228.7	188	2.86	--	1869	<0.51	19.68

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M02-06WT (65-12)	12/8/1994	0.3	194.4	239	14.21	--	2163	<0.51	18.00
FSW 566-M02-07O (65-12)	12/8/1994	0.3	242.7	268	23.84	--	2317	<0.51	21.78
FSW 566-M02-08GY (65-12)	12/8/1994	0.2	316.0	282	25.71	--	2363	<0.51	22.48
FSW 566-M02-09Y (65-12)	12/8/1994	0.2	333.1	290	27.94	--	2475	<0.51	23.92
FSW 566-M02-10P (65-12)	12/8/1994	0.2	363.6	291	32.02	--	2545	<0.51	26.88
FSW 566-M02-11GN (65-12)	12/8/1994	0.2	369.8	297	35.24	--	2595	<0.51	24.69
FSW 566-M02-11GN (65-12)-D	12/8/1994	0.3	379.7	299	35.00	--	2646	<0.51	25.87
FSW 566-M02-12R (65-12)	12/8/1994	0.2	432.0	280	32.72	--	2578	<0.51	23.87
FSW 566-M02-13BU (65-12)	12/8/1994	0.2	323.2	156	21.35	--	2256	<0.51	30.74
FSW 566-M02-14BK (65-12)	12/8/1994	<0.2	135.4	133	16.39	--	2222	<0.51	48.23
FSW 566-M02-15W (65-12)	12/8/1994	<0.2	149.0	148	19.14	--	2275	<0.51	47.85
FSW 566-M01-01PT	7/11/1996	0.4	151.9	168	21.81	--	2636	<0.51	46.26
FSW 566-M01-02GNT	7/11/1996	0.4	153.2	117	19.89	--	2594	<0.51	44.70
FSW 566-M01-04BUT	7/11/1996	0.5	103.7	123	15.52	--	2332	<0.51	33.52
FSW 566-M01-05BKT	7/11/1996	0.2	91.4	90	12.60	--	1934	<0.51	40.66
FSW 566-M01-06WT	7/11/1996	<0.2	95.1	85	15.97	--	1231	<0.51	36.73
FSW 566-M01-07O	7/11/1996	<0.2	73.7	117	24.56	--	792	<0.51	18.76
FSW 566-M01-08GY	7/11/1996	<0.2	85.1	107	30.32	--	618	<0.51	11.29
FSW 566-M01-08GY-D	7/11/1996	<0.2	91.6	107	29.93	--	635	<0.51	10.38
FSW 566-M01-09Y	7/11/1996	<0.2	80.0	110	30.86	--	649	<0.51	11.56
FSW 566-M01-10P	7/11/1996	<0.2	75.5	137	32.08	--	712	<0.51	8.13
FSW 566-M01-11GN	7/11/1996	1.0	66.1	133	26.13	--	624	<0.51	6.03
FSW 566-M01-12R	7/11/1996	<0.2	68.6	125	23.73	--	455	<0.51	4.92
FSW 566-M01-13BU	7/11/1996	<0.2	43.4	99	10.78	--	313	<0.51	4.08
FSW 566-M01-14BK	7/11/1996	3.7	111.3	146	6.02	--	393	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M01-15W	7/11/1996	0.2	86.1	122	2.94	--	328	<0.51	<3.23
FSW 566-M02-01PT (65-12)	7/11/1996	<0.2	<10.2	25	<0.20	--	156	<0.51	<3.23
FSW 566-M02-02GNT (65-12)	7/11/1996	<0.2	12.6	20	<0.20	--	134	<0.51	<3.23
FSW 566-M02-02GNT (65-12)-D	7/11/1996	0.3	<10.2	20	<0.20	--	135	<0.51	<3.23
FSW 566-M02-03RT (65-12)	7/11/1996	<0.2	19.1	30	<0.20	--	175	<0.51	<3.23
FSW 566-M02-04BUT (65-12)	7/11/1996	<0.2	46.1	46	<0.20	--	316	<0.51	5.79
FSW 566-M02-05BKT (65-12)	7/11/1996	<0.2	94.1	61	0.31	--	530	<0.51	13.77
FSW 566-M02-06WT (65-12)	7/11/1996	<0.2	132.0	88	2.54	--	856	<0.51	18.62
FSW 566-M02-07O (65-12)	7/11/1996	0.8	385.5	350	22.45	--	2254	<0.51	22.44
FSW 566-M02-08GY (65-12)	7/11/1996	<0.2	191.0	146	14.37	--	1484	<0.51	26.51
FSW 566-M02-09Y (65-12)	7/11/1996	0.2	229.1	197	16.76	--	1779	<0.51	26.84
FSW 566-M02-10P (65-12)	7/11/1996	0.3	287.9	310	22.44	--	2100	<0.51	25.76
FSW 566-M02-11GN (65-12)	7/11/1996	0.3	334.0	364	23.35	--	2249	<0.51	23.03
FSW 566-M02-11GN (65-12)-D	7/11/1996	0.3	323.9	378	24.27	--	2345	<0.51	23.28
FSW 566-M02-12R (65-12)	7/11/1996	0.5	399.7	376	24.21	--	2412	<0.51	22.45
FSW 566-M02-13BU (65-12)	7/11/1996	0.3	354.7	265	28.02	--	2235	<0.51	23.07
FSW 566-M02-14BK (65-12)	7/11/1996	0.3	222.5	245	32.72	--	2165	<0.51	22.52
FSW 566-M02-15W (65-12)	7/11/1996	1.1	177.7	252	32.67	--	2969	<0.51	38.33
FSW 566-M01-01PT	6/5/1997	0.4	146.4	124	17.98	--	2579	<0.51	31.85
FSW 566-M01-01PT-D	6/5/1997	0.3	149.9	124	18.18	--	2578	<0.51	31.95
FSW 566-M01-02GNT	6/5/1997	0.2	151.3	130	20.14	--	2350	<0.51	42.85
FSW 566-M01-04BUT	6/5/1997	0.7	124.8	162	21.08	--	2264	<0.51	32.58
FSW 566-M01-05BKT	6/5/1997	0.3	120.9	138	20.28	--	2328	<0.51	33.05
FSW 566-M01-06WT	6/5/1997	0.2	123.3	189	28.46	--	1913	<0.51	27.92

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M01-07O	6/5/1997	<0.2	103.2	154	30.52	--	1881	<0.51	21.84
FSW 566-M01-08GY	6/5/1997	<0.2	85.0	104	30.20	--	1611	<0.51	13.54
FSW 566-M01-09Y	6/5/1997	<0.2	89.4	143	46.28	--	1109	<0.51	9.54
FSW 566-M01-10P	6/5/1997	<0.2	61.9	111	20.16	--	634	<0.51	9.04
FSW 566-M01-10P-D	6/5/1997	<0.2	68.3	109	19.84	--	632	<0.51	7.31
FSW 566-M01-11GN	6/5/1997	1.0	39.8	94	5.12	--	407	<0.51	5.54
FSW 566-M01-12R	6/5/1997	<0.2	45.7	75	2.61	--	309	<0.51	6.77
FSW 566-M01-13BU	6/5/1997	<0.2	31.4	79	9.38	--	231	<0.51	4.43
FSW 566-M01-14BK	6/5/1997	<0.2	58.0	90	3.89	--	242	<0.51	<3.23
FSW 566-M01-15W	6/5/1997	<0.2	52.1	108	2.95	--	289	<0.51	<3.23
FSW 566-M02-01PT (65-12)	6/6/1997	<0.2	<10.2	17	<0.20	--	124	<0.51	<3.23
FSW 566-M02-02GNT (65-12)	6/6/1997	<0.2	10.8	15	<0.20	--	154	<0.51	<3.23
FSW 566-M02-03RT (65-12)	6/6/1997	<0.2	20.1	32	<0.20	--	239	<0.51	<3.23
FSW 566-M02-04BUT (65-12)	6/6/1997	<0.2	44.7	50	<0.20	--	351	<0.51	3.48
FSW 566-M02-04BUT (65-12)-D	6/6/1997	<0.2	46.2	52	<0.20	--	370	<0.51	3.90
FSW 566-M02-05BKT (65-12)	6/6/1997	<0.2	109.1	68	0.57	--	819	<0.51	11.88
FSW 566-M02-06WT (65-12)	6/6/1997	<0.2	177.4	119	2.80	--	1325	<0.51	14.15
FSW 566-M02-07O (65-12)	6/6/1997	0.2	206.4	162	2.30	--	1562	<0.51	17.67
FSW 566-M02-08GY (65-12)	6/6/1997	0.3	248.6	215	13.90	--	1958	<0.51	18.48
FSW 566-M02-09Y (65-12)	6/6/1997	0.3	282.5	277	22.31	--	2152	<0.51	19.02
FSW 566-M02-10P (65-12)	6/6/1997	0.3	304.7	337	22.64	--	2141	<0.51	21.27
FSW 566-M02-11GN (65-12)	6/6/1997	0.3	315.5	350	21.26	--	2192	<0.51	20.54
FSW 566-M02-12R (65-12)	6/6/1997	0.4	324.3	356	18.42	--	2252	<0.51	18.74
FSW 566-M02-13BU (65-12)	6/6/1997	0.4	369.5	320	21.87	--	2355	<0.51	21.35
FSW 566-M02-13BU (65-12)-D	6/6/1997	0.5	362.6	321	21.84	--	2358	<0.51	20.94

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M02-14BK (65-12)	6/6/1997	0.4	387.7	305	27.50	--	2376	<0.51	25.22
FSW 566-M02-15W (65-12)	6/6/1997	0.3	443.7	257	28.01	--	2480	<0.51	25.82
FSW 566-M01-01PT	5/13/1998	0.5	231.8	116	15.76	--	2711	<0.51	25.56
FSW 566-M01-02GNT	5/13/1998	0.3	152.8	139	19.93	--	2291	<0.51	38.17
FSW 566-M01-03RT	5/13/1998	0.4	152.8	141	24.38	--	2403	<0.51	34.19
FSW 566-M01-04BUT	5/13/1998	0.6	204.2	159	18.99	--	2603	<0.51	37.93
FSW 566-M01-05BKT	5/13/1998	0.3	148.6	138	19.83	--	2312	<0.51	24.24
FSW 566-M01-06WT	5/13/1998	0.2	143.4	161	21.20	--	2046	<0.51	30.38
FSW 566-M01-06WT-D	5/13/1998	0.3	157.0	173	22.33	--	2227	<0.51	32.64
FSW 566-M01-07O	5/13/1998	0.2	134.6	128	27.14	--	1952	<0.51	23.01
FSW 566-M01-08GY	5/13/1998	<0.2	123.2	209	56.15	--	1751	<0.51	8.60
FSW 566-M01-09Y	5/13/1998	<0.2	133.3	116	35.41	--	1298	<0.51	8.29
FSW 566-M01-10P	5/13/1998	<0.2	46.8	42	8.61	--	668	<0.51	10.18
FSW 566-M01-11GN	5/13/1998	0.7	34.1	36	0.75	--	460	<0.51	5.85
FSW 566-M01-12R	5/13/1998	<0.2	42.0	73	0.25	--	320	<0.51	<3.23
FSW 566-M01-13BU	5/13/1998	<0.2	39.8	84	8.44	--	245	<0.51	<3.23
FSW 566-M01-14BK	5/13/1998	<0.2	70.5	99	3.60	--	290	<0.51	<3.23
FSW 566-M01-15W	5/13/1998	1.3	60.6	104	3.01	--	285	<0.51	<3.23
FSW 566-M01-15W-D	5/13/1998	<0.2	64.1	106	3.07	--	302	<0.51	<3.23
FSW 566-M02-01PT (65-12)	5/13/1998	<0.2	11.4	18	<0.20	--	125	<0.51	<3.23
FSW 566-M02-02GNT (65-12)	5/13/1998	<0.2	16.2	23	<0.20	--	116	<0.51	<3.23
FSW 566-M02-03RT (65-12)	5/13/1998	<0.2	19.9	55	<0.20	--	212	<0.51	<3.23
FSW 566-M02-04BUT (65-12)	5/13/1998	<0.2	49.2	37	<0.20	--	404	<0.51	<3.23
FSW 566-M02-05BKT (65-12)	5/13/1998	<0.2	77.0	38	0.27	--	597	<0.51	12.89

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M02-06WT (65-12)	5/13/1998	<0.2	132.0	68	1.61	--	1044	<0.51	15.18
FSW 566-M02-07O (65-12)	5/13/1998	<0.2	181.9	96	6.36	--	1354	<0.51	16.78
FSW 566-M02-08GY (65-12)	5/13/1998	<0.2	246.2	145	11.90	--	1797	<0.51	17.23
FSW 566-M02-09Y (65-12)	5/13/1998	<0.2	265.7	195	14.84	--	2056	<0.51	15.65
FSW 566-M02-09Y (65-12)-D	5/13/1998	0.2	291.2	212	16.04	--	2247	<0.51	19.02
FSW 566-M02-10P (65-12)	5/13/1998	<0.2	274.9	265	15.91	--	2152	<0.51	16.08
FSW 566-M02-11GN (65-12)	5/13/1998	0.2	259.8	283	14.92	--	2171	<0.51	15.04
FSW 566-M02-12R (65-12)	5/13/1998	<0.2	257.8	262	12.40	--	2181	<0.51	13.32
FSW 566-M02-13BU (65-12)	5/13/1998	0.2	231.3	242	11.35	--	2087	<0.51	14.19
FSW 566-M02-14BK (65-12)	5/13/1998	<0.2	244.3	224	15.39	--	2238	<0.51	19.64
FSW 566-M02-15W (65-12)	5/13/1998	<0.2	262.4	203	21.25	--	2331	<0.51	22.03
FSW 566-M01-01PT	6/10/1999	0.4	282.8	37	5.29	--	1551	<0.51	34.06
FSW 566-M01-02GNT	6/10/1999	<0.2	63.0	29	5.00	--	1451	<0.51	42.88
FSW 566-M01-03RT	6/10/1999	<0.2	84.8	51	7.28	--	1327	<0.51	74.80
FSW 566-M01-04BUT	6/10/1999	0.3	142.8	59	5.80	--	1133	<0.51	90.87
FSW 566-M01-04BUT-D	6/10/1999	0.3	136.5	58	5.67	--	1119	<0.51	88.48
FSW 566-M01-05BKT	6/10/1999	<0.2	93.6	46	6.25	--	1031	<0.51	69.27
FSW 566-M01-06WT	6/10/1999	<0.2	63.5	29	4.14	--	735	<0.51	46.79
FSW 566-M01-07O	6/10/1999	<0.2	48.2	13	3.33	--	688	<0.51	28.51
FSW 566-M01-08GY	6/10/1999	<0.2	47.7	22	6.23	--	674	<0.51	15.32
FSW 566-M01-09Y	6/10/1999	<0.2	69.5	19	5.62	--	503	<0.51	16.61
FSW 566-M01-10P	6/10/1999	<0.2	45.4	37	6.99	--	413	<0.51	11.62
FSW 566-M01-10P-D	6/10/1999	<0.2	44.2	36	6.85	--	402	<0.51	9.30
FSW 566-M01-11GN	6/10/1999	0.8	45.0	59	0.49	--	343	<0.51	7.51
FSW 566-M01-12R	6/10/1999	<0.2	34.8	76	0.22	--	279	<0.51	5.67

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M01-13BU	6/10/1999	<0.2	44.5	83	6.85	--	254	<0.51	4.99
FSW 566-M01-14BK	6/10/1999	<0.2	54.7	78	1.98	--	280	<0.51	<3.23
FSW 566-M01-15W	6/10/1999	<0.2	70.0	89	2.81	--	342	<0.51	<3.23
FSW 566-M02-01PT (65-12)	6/10/1999	<0.2	<10.2	25	<0.20	--	107	<0.51	<3.23
FSW 566-M02-02GNT (65-12)	6/10/1999	<0.2	16.7	33	<0.20	--	167	<0.51	<3.23
FSW 566-M02-03RT (65-12)	6/10/1999	<0.2	30.6	57	<0.20	--	280	<0.51	<3.23
FSW 566-M02-04BUT (65-12)	6/10/1999	<0.2	54.7	49	<0.20	--	443	<0.51	5.26
FSW 566-M02-05BKT (65-12)	6/10/1999	<0.2	94.6	52	0.44	--	727	<0.51	14.83
FSW 566-M02-06WT (65-12)	6/10/1999	<0.2	122.8	59	2.54	--	1092	<0.51	20.07
FSW 566-M02-07O (65-12)	6/10/1999	<0.2	171.1	74	6.37	--	1393	<0.51	25.50
FSW 566-M02-08GY (65-12)	6/10/1999	<0.2	201.6	76	6.38	--	1443	<0.51	29.00
FSW 566-M02-09Y (65-12)	6/10/1999	<0.2	194.7	70	5.27	--	1341	<0.51	27.92
FSW 566-M02-10P (65-12)	6/10/1999	<0.2	178.9	75	4.84	--	1387	<0.51	26.39
FSW 566-M02-11GN (65-12)	6/10/1999	<0.2	190.5	79	4.66	--	1490	<0.51	26.18
FSW 566-M02-11GN (65-12)-D	6/10/1999	<0.2	202.1	87	4.94	--	1629	<0.51	28.57
FSW 566-M02-12R (65-12)	6/10/1999	<0.2	219.3	90	4.36	--	1649	<0.51	22.43
FSW 566-M02-13BU (65-12)	6/10/1999	<0.2	227.1	98	4.55	--	1680	<0.51	24.62
FSW 566-M02-14BK (65-12)	6/10/1999	<0.2	165.0	87	5.54	--	1493	<0.51	27.97
FSW 566-M02-15W (65-12)	6/10/1999	<0.2	172.0	83	7.60	--	1585	<0.51	30.88
FSW 566-M01-01PT	6/1/2000	0.4	208.2	38	4.83	<0.02	1296	0.060	37.73
FSW 566-M01-02GNT	6/1/2000	0.2	133.2	90	12.52	<0.02	1212	0.055	59.38
FSW 566-M01-03RT	6/1/2000	--	--	--	--	--	--	--	--
FSW 566-M01-04BUT	6/1/2000	0.7	152.1	80	7.13	<0.02	649	<0.05	95.58
FSW 566-M01-05BKT	6/1/2000	0.2	128.1	41	6.47	<0.02	727	<0.05	112.21

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M01-06WT	6/1/2000	0.2	67.1	24	4.00	<0.02	631	<0.05	58.80
FSW 566-M01-06WT-D	6/1/2000	0.2	64.5	23	3.83	<0.02	640	<0.05	55.55
FSW 566-M01-07O	6/1/2000	0.2	54.6	11	3.14	<0.02	593	<0.05	25.19
FSW 566-M01-08GY	6/1/2000	0.1	72.4	27	8.04	<0.02	553	<0.05	16.47
FSW 566-M01-09Y	6/1/2000	0.1	80.1	36	11.31	<0.02	414	<0.05	12.93
FSW 566-M01-10P	6/1/2000	0.1	70.4	70	5.54	<0.02	305	<0.05	9.02
FSW 566-M01-11GN	6/1/2000	0.6	62.6	98	0.30	<0.02	384	<0.05	7.66
FSW 566-M01-12R	6/1/2000	0.1	33.9	93	0.29	<0.02	340	<0.05	4.97
FSW 566-M01-13BU	6/1/2000	0.1	51.8	118	5.12	<0.02	342	<0.05	4.42
FSW 566-M01-14BK	6/1/2000	<0.09	56.8	102	1.64	<0.02	325	<0.05	<2.4
FSW 566-M01-15W	6/1/2000	0.1	61.3	101	3.31	<0.02	366	<0.05	<2.4
FSW 566-M02-01PT (65-12)	6/1/2000	0.1	12.5	21	<0.04	<0.02	131	<0.05	<2.4
FSW 566-M02-02GNT (65-12)	6/1/2000	0.2	14.2	22	<0.04	<0.02	147	<0.05	<2.4
FSW 566-M02-03RT (65-12)	6/1/2000	0.0	24.6	40	0.05	<0.02	223	<0.05	<2.4
FSW 566-M02-04BUT (65-12)	6/1/2000	0.2	44.4	45	0.10	<0.02	290	<0.05	4.00
FSW 566-M02-05BKT (65-12)	6/1/2000	0.2	82.1	58	0.58	<0.02	405	<0.05	12.15
FSW 566-M02-06WT (65-12)	6/1/2000	--	--	--	--	--	--	--	--
FSW 566-M02-07O (65-12)	6/1/2000	0.2	193.4	87	8.38	<0.02	794	0.097	32.85
FSW 566-M02-08GY (65-12)	6/1/2000	0.2	242.3	96	8.96	<0.02	863	0.079	30.90
FSW 566-M02-09Y (65-12)	6/1/2000	0.2	246.9	87	6.79	<0.02	859	0.063	25.86
FSW 566-M02-10P (65-12)	6/1/2000	0.2	251.6	89	5.45	<0.02	849	0.052	24.99
FSW 566-M02-10P (65-12)-D	6/1/2000	0.2	259.5	92	5.67	<0.02	887	0.053	25.90
FSW 566-M02-11GN (65-12)	6/1/2000	0.2	257.4	98	5.66	<0.02	935	0.053	23.75
FSW 566-M02-12R (65-12)	6/1/2000	0.2	231.6	86	3.95	<0.02	1245	<0.05	26.27
FSW 566-M02-12R (65-12)-D	6/1/2000	0.3	245.8	91	4.17	<0.02	1328	0.053	27.86

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M02-13BU (65-12)	6/1/2000	0.2	206.2	62	2.29	<0.02	1456	<0.05	28.69
FSW 566-M02-14BK (65-12)	6/1/2000	0.2	203.7	51	2.37	<0.02	1479	<0.05	32.60
FSW 566-M02-15W (65-12)	6/1/2000	0.3	200.1	54	4.31	<0.02	1665	0.053	38.64
FSW 566-M01-01PT	7/15/2002	0.2	454.2	144	15.21	<0.02	643	<0.05	15.03
FSW 566-M01-02GNT	7/15/2002	0.1	219.8	138	18.37	<0.02	725	<0.05	31.00
FSW 566-M01-03RT	7/15/2002	0.3	126.7	134	13.54	<0.02	573	<0.05	33.02
FSW 566-M01-04BUT	7/15/2002	20.7	120.3	89	7.60	<0.02	385	<0.05	56.61
FSW 566-M01-04BUT-D	7/15/2002	20.5	123.3	90	7.57	<0.02	416	<0.05	59.01
FSW 566-M01-05BKT	7/15/2002	0.2	99.8	60	9.75	<0.02	311	<0.05	34.90
FSW 566-M01-06WT	7/15/2002	0.1	76.7	57	9.87	<0.02	253	<0.05	22.51
FSW 566-M01-07O	7/15/2002	<0.09	149.5	33	9.37	<0.02	220	<0.05	11.03
FSW 566-M01-08GY	7/15/2002	<0.09	85.8	57	16.83	<0.02	203	<0.05	8.84
FSW 566-M01-09Y	7/15/2002	<0.09	66.3	53	13.13	<0.02	199	<0.05	9.07
FSW 566-M01-10P	7/15/2002	<0.09	46.7	63	0.07	<0.02	205	<0.05	8.35
FSW 566-M01-11GN	7/15/2002	0.4	42.2	76	0.23	<0.02	236	<0.05	7.39
FSW 566-M01-12R	7/15/2002	<0.09	30.2	79	0.14	<0.02	247	<0.05	<2.4
FSW 566-M01-13BU	7/15/2002	<0.09	36.0	87	0.21	<0.02	235	<0.05	<2.4
FSW 566-M01-14BK	7/15/2002	<0.09	41.2	80	0.71	<0.02	246	<0.05	<2.4
FSW 566-M01-15W	7/15/2002	<0.09	46.2	68	2.45	<0.02	260	<0.05	<2.4
FSW 566-M02-01PT (65-12)	7/15/2002	<0.09	<3.8	19	<0.04	<0.02	114	<0.05	<2.4
FSW 566-M02-02GNT (65-12)	7/15/2002	<0.09	6.5	21	<0.04	<0.02	112	<0.05	<2.4
FSW 566-M02-03RT (65-12)	7/15/2002	<0.09	20.3	34	0.08	<0.02	143	<0.05	<2.4
FSW 566-M02-04BUT (65-12)	7/15/2002	<0.09	46.1	59	0.14	<0.02	224	<0.05	<2.4
FSW 566-M02-05BKT (65-12)	7/15/2002	<0.09	101.5	60	0.52	<0.02	255	<0.05	11.43

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M02-05BKT (65-12)-D	7/15/2002	<0.09	98.9	61	0.50	<0.02	252	<0.05	11.14
FSW 566-M02-06WT (65-12)	7/15/2002	<0.09	148.4	75	3.46	<0.02	334	<0.05	20.44
FSW 566-M02-07O (65-12)	7/15/2002	<0.09	170.2	113	10.21	<0.02	531	0.065	26.56
FSW 566-M02-08GY (65-12)	7/15/2002	<0.09	232.7	178	10.43	<0.02	719	0.069	21.45
FSW 566-M02-09Y (65-12)	7/15/2002	<0.09	292.2	242	13.91	<0.02	849	0.062	20.07
FSW 566-M02-10P (65-12)	7/15/2002	<0.09	280.1	286	13.27	<0.02	829	0.069	19.13
FSW 566-M02-11GN (65-12)	7/15/2002	<0.09	236.0	284	12.59	<0.02	794	0.059	17.74
FSW 566-M02-12R (65-12)	7/15/2002	<0.09	274.7	275	10.84	<0.02	738	<0.05	17.26
FSW 566-M02-13BU (65-12)	7/15/2002	<0.09	334.6	330	9.99	<0.02	629	<0.05	16.43
FSW 566-M02-14BK (65-12)	7/15/2002	<0.09	327.5	382	12.25	<0.02	670	<0.05	16.57
FSW 566-M02-15W (65-12)	7/15/2002	0.1	315.9	427	13.82	<0.02	666	<0.05	16.04
FSW 566-M01-01PT	8/17/2004	0.3	359.3	221	9.95	--	642	<0.05	11.85
FSW 566-M01-02GNT	8/17/2004	0.3	361.1	196	20.19	--	647	<0.05	19.78
FSW 566-M01-03RT	8/17/2004	0.4	294.4	160	11.75	--	798	<0.05	31.97
FSW 566-M01-04BUT	8/17/2004	108.9	185.8	96	6.18	--	829	<0.05	49.11
FSW 566-M01-04BUT-D	8/17/2004	113.7	182.2	97	6.20	--	836	<0.05	49.43
FSW 566-M01-05BKT	8/17/2004	86.8	129.5	76	6.66	--	709	<0.05	40.81
FSW 566-M01-06WT	8/17/2004	0.2	96.0	27	6.28	--	451	<0.05	11.05
FSW 566-M01-07O	8/17/2004	<0.09	98.4	22	6.35	--	337	<0.05	7.90
FSW 566-M01-08GY	8/17/2004	<0.09	64.8	43	10.27	--	341	<0.05	8.51
FSW 566-M01-09Y	8/17/2004	<0.09	59.4	62	6.61	--	275	<0.05	6.72
FSW 566-M01-10P	8/17/2004	<0.09	37.0	98	0.06	--	299	<0.05	7.24
FSW 566-M01-11GN	8/17/2004	0.2	36.9	94	0.17	--	310	<0.05	5.62
FSW 566-M01-11GN-D	8/17/2004	<0.09	29.6	73	0.12	--	292	<0.05	4.31
FSW 566-M01-12R	8/17/2004	0.2	41.8	90	0.16	--	281	<0.05	5.29

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 566-M01-13BU	8/17/2004	<0.09	35.0	76	0.11	--	351	<0.05	4.09
FSW 566-M01-14BK	8/17/2004	<0.09	41.3	63	0.27	--	325	<0.05	<2.4
FSW 566-M01-15W	8/17/2004	<0.09	43.5	56	1.94	--	336	<0.05	<2.4
FSW 566-M02-01PT (65-12)	8/17/2004	<0.09	<3.8	14	0.17	--	124	<0.05	<2.4
FSW 566-M02-02GNT (65-12)	8/17/2004	<0.09	4.2	14	<0.04	--	136	<0.05	<2.4
FSW 566-M02-03RT (65-12)	8/17/2004	<0.09	24.4	27	<0.04	--	172	<0.05	<2.4
FSW 566-M02-04BUT (65-12)	8/17/2004	<0.09	39.1	44	0.09	--	239	<0.05	2.88
FSW 566-M02-05BKT (65-12)	8/17/2004	<0.09	90.8	67	0.23	--	254	<0.05	14.87
FSW 566-M02-06WT (65-12)	8/17/2004	<0.09	152.5	94	2.17	--	284	0.053	26.45
FSW 566-M02-07O (65-12)	8/17/2004	<0.09	165.1	95	8.12	--	426	0.060	29.11
FSW 566-M02-08GY (65-12)	8/17/2004	<0.09	173.6	81	6.43	--	442	<0.05	22.38
FSW 566-M02-09Y (65-12)	8/17/2004	<0.09	175.8	85	5.90	--	479	<0.05	19.49
FSW 566-M02-10P (65-12)	8/17/2004	<0.09	166.3	81	5.01	--	544	<0.05	18.43
FSW 566-M02-11GN (65-12)	8/17/2004	<0.09	154.1	74	4.25	--	554	<0.05	15.83
FSW 566-M02-12R (65-12)	8/17/2004	<0.09	154.0	69	3.48	--	633	<0.05	15.41
FSW 566-M02-13BU (65-12)	8/17/2004	<0.09	182.8	76	2.87	--	734	<0.05	16.71
FSW 566-M02-13BU (65-12)-D	8/17/2004	<0.09	183.5	76	2.83	--	731	<0.05	16.70
FSW 566-M02-14BK (65-12)	8/17/2004	<0.09	202.5	93	3.07	--	688	<0.05	15.28
FSW 566-M02-15W (65-12)	8/17/2004	<0.09	281.8	167	4.52	--	657	<0.05	14.01
FSW 575-M01-01PT	7/10/1996	0.9	228.4	168	4.63	--	2741	<0.51	<3.23
FSW 575-M01-02GNT	7/10/1996	0.9	143.5	9	0.74	--	2729	<0.51	<3.23
FSW 575-M01-03RT	7/10/1996	326.7	143.9	170	8.33	--	2693	<0.51	102.83
FSW 575-M01-04BUT	7/10/1996	246.0	147.8	144	11.15	--	2537	<0.51	74.56
FSW 575-M01-05BKT	7/10/1996	376.2	287.2	249	8.08	--	2483	<0.51	84.47

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M01-05BKT-D	7/10/1996	369.1	283.8	246	7.92	--	2484	<0.51	85.03
FSW 575-M01-06WT	7/10/1996	408.6	246.6	213	10.38	--	2201	<0.51	75.75
FSW 575-M01-07O	7/10/1996	362.7	171.5	175	9.04	--	1804	<0.51	73.81
FSW 575-M01-08GY	7/10/1996	486.5	259.6	200	10.45	--	1228	<0.51	50.85
FSW 575-M01-09Y	7/10/1996	0.5	148.3	87	21.69	--	1671	<0.51	4.41
FSW 575-M01-10P	7/10/1996	0.2	108.4	192	33.69	--	952	<0.51	7.85
FSW 575-M01-11GN	7/10/1996	<0.2	50.3	86	<0.20	--	553	<0.51	5.81
FSW 575-M01-12R	7/10/1996	<0.2	29.6	66	<0.20	--	412	<0.51	5.36
FSW 575-M01-13BU	7/10/1996	<0.2	27.5	70	<0.20	--	405	<0.51	6.33
FSW 575-M01-14BK	7/10/1996	<0.2	39.0	116	2.31	--	294	<0.51	5.50
FSW 575-M01-14BK-D	7/10/1996	0.5	38.6	116	2.32	--	287	<0.51	5.05
FSW 575-M01-15W	7/10/1996	<0.2	40.4	105	5.19	--	262	<0.51	4.62
FSW 575-M02-01PT (44-19)	7/10/1996	<0.2	17.9	32	<0.20	--	155	<0.51	<3.23
FSW 575-M02-02GNT (44-19)	7/10/1996	<0.2	21.6	30	<0.20	--	188	<0.51	<3.23
FSW 575-M02-03RT (44-19)	7/10/1996	<0.2	53.7	49	<0.20	--	472	<0.51	11.53
FSW 575-M02-04BUT (44-19)	7/10/1996	<0.2	91.8	82	0.60	--	913	<0.51	15.01
FSW 575-M02-05BKT (44-19)	7/10/1996	0.2	145.1	166	9.21	--	1571	<0.51	16.69
FSW 575-M02-06WT (44-19)	7/10/1996	0.3	186.6	226	15.78	--	2017	<0.51	15.89
FSW 575-M02-07O (44-19)	7/10/1996	0.4	275.5	322	21.58	--	2967	<0.51	19.62
FSW 575-M02-08GY (44-19)	7/10/1996	0.4	208.2	234	11.10	--	2324	0.566	14.21
FSW 575-M02-09Y (44-19)	7/10/1996	0.3	226.8	249	9.54	--	2510	<0.51	10.97
FSW 575-M02-10P (44-19)	7/10/1996	0.3	238.5	276	8.02	--	2560	<0.51	7.73
FSW 575-M02-11GN (44-19)	7/10/1996	0.3	224.3	268	6.70	--	2312	<0.51	4.50
FSW 575-M02-12R (44-19)	7/10/1996	0.4	280.5	261	5.95	--	2542	<0.51	<3.23
FSW 575-M02-13BU (44-19)	7/10/1996	0.4	245.9	296	5.34	--	2739	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M02-14BK (44-19)	7/10/1996	0.3	215.6	346	4.47	--	2550	<0.51	<3.23
FSW 575-M02-15W (44-19)	7/10/1996	0.4	214.9	342	4.74	--	2561	<0.51	<3.23
FSW 575-M01-01PT	6/18/1997	0.6	319.5	230	6.65	--	2388	<0.51	<3.23
FSW 575-M01-02GNT	6/18/1997	3.0	451.9	63	3.21	--	2405	<0.51	<3.23
FSW 575-M01-03RT	6/18/1997	260.6	218.9	122	6.35	--	1948	<0.51	92.39
FSW 575-M01-04BUT	6/18/1997	247.7	208.0	121	7.71	--	2186	<0.51	78.60
FSW 575-M01-06WT	6/18/1997	262.2	256.2	140	6.43	--	1996	<0.51	82.62
FSW 575-M01-07O	6/18/1997	291.1	161.1	119	8.28	--	1948	<0.51	62.13
FSW 575-M01-07O-D	6/18/1997	285.6	154.6	116	8.18	--	1882	<0.51	61.90
FSW 575-M01-08GY	6/18/1997	4.7	497.4	7	0.81	--	2091	<0.51	<3.23
FSW 575-M01-09Y	6/18/1997	0.4	326.5	113	26.89	--	1831	<0.51	4.01
FSW 575-M01-10P	6/18/1997	<0.2	99.1	142	21.11	--	1416	<0.51	8.76
FSW 575-M01-11GN	6/18/1997	<0.2	42.1	59	<0.20	--	526	<0.51	7.94
FSW 575-M01-12R	6/18/1997	<0.2	29.7	72	<0.20	--	333	<0.51	6.76
FSW 575-M01-13BU	6/18/1997	<0.2	23.0	72	<0.20	--	261	<0.51	7.87
FSW 575-M01-14BK	6/18/1997	<0.2	41.6	82	0.46	--	218	<0.51	5.59
FSW 575-M01-15W	6/18/1997	<0.2	49.8	116	5.07	--	299	<0.51	5.15
FSW 575-M02-01PT (44-19)	6/18/1997	<0.2	14.4	37	<0.20	--	171	<0.51	<3.23
FSW 575-M02-01PT (44-19)-D	6/18/1997	<0.2	11.2	37	<0.20	--	168	<0.51	<3.23
FSW 575-M02-02GNT (44-19)	6/18/1997	<0.2	26.8	47	<0.20	--	288	<0.51	<3.23
FSW 575-M02-03RT (44-19)	6/18/1997	<0.2	48.3	34	<0.20	--	429	<0.51	12.96
FSW 575-M02-04BUT (44-19)	6/18/1997	0.5	86.2	54	0.27	--	860	<0.51	23.50
FSW 575-M02-05BKT (44-19)	6/18/1997	0.2	144.6	87	4.15	--	1171	<0.51	30.41
FSW 575-M02-06WT (44-19)	6/18/1997	0.3	254.3	204	10.97	--	1820	<0.51	21.66

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M02-07O (44-19)	6/18/1997	0.2	282.7	223	11.38	--	1964	<0.51	19.42
FSW 575-M02-08GY (44-19)	6/18/1997	0.3	345.1	226	9.29	--	2031	<0.51	13.55
FSW 575-M02-09Y (44-19)	6/18/1997	0.2	339.9	246	8.82	--	1999	<0.51	9.07
FSW 575-M02-10P (44-19)	6/18/1997	0.3	347.2	243	8.46	--	2002	<0.51	6.12
FSW 575-M02-10P (44-19)-D	6/18/1997	0.2	330.4	239	8.36	--	1969	<0.51	5.84
FSW 575-M02-11GN (44-19)	6/18/1997	0.3	354.9	240	7.25	--	2037	<0.51	4.40
FSW 575-M02-12R (44-19)	6/18/1997	0.3	397.7	180	6.69	--	2126	<0.51	3.36
FSW 575-M02-13BU (44-19)	6/18/1997	0.3	403.9	192	4.65	--	2104	<0.51	3.79
FSW 575-M02-14BK (44-19)	6/18/1997	0.3	309.5	226	3.64	--	2211	<0.51	<3.23
FSW 575-M02-15W (44-19)	6/18/1997	0.3	301.8	272	4.06	--	2292	<0.51	<3.23
FSW 575-M01-01PT	6/3/1998	0.3	242.5	173	3.54	--	2061	<0.51	<3.23
FSW 575-M01-02GNT	6/3/1998	0.6	348.7	187	5.15	--	1996	<0.51	<3.23
FSW 575-M01-03RT	6/3/1998	14.1	472.3	5	0.47	--	1803	<0.51	<3.23
FSW 575-M01-03RT-D	6/3/1998	14.0	470.7	5	0.47	--	1678	<0.51	<3.23
FSW 575-M01-04BUT	6/3/1998	132.5	195.7	34	2.66	--	1566	<0.51	39.32
FSW 575-M01-05BKT	6/3/1998	158.0	166.3	70	2.65	--	1569	<0.51	79.83
FSW 575-M01-06WT	6/3/1998	192.3	207.3	88	3.77	--	1629	<0.51	94.35
FSW 575-M01-07O	6/3/1998	108.2	144.9	31	3.04	--	1312	<0.51	45.25
FSW 575-M01-08GY	6/3/1998	<0.2	102.0	60	2.34	--	879	<0.51	<3.23
FSW 575-M01-09Y	6/3/1998	<0.2	83.4	18	2.01	--	660	<0.51	<3.23
FSW 575-M01-10P	6/3/1998	<0.2	44.2	35	0.27	--	591	<0.51	8.18
FSW 575-M01-11GN	6/3/1998	<0.2	27.6	46	<0.20	--	329	<0.51	4.48
FSW 575-M01-12R	6/3/1998	<0.2	21.7	70	<0.20	--	264	<0.51	3.23
FSW 575-M01-12R-D	6/3/1998	<0.2	28.4	65	<0.20	--	251	<0.51	3.93
FSW 575-M01-13BU	6/3/1998	<0.2	19.5	74	<0.20	--	283	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M01-14BK	6/3/1998	<0.2	36.1	98	0.22	--	257	<0.51	<3.23
FSW 575-M01-15W	6/3/1998	<0.2	53.6	97	2.63	--	284	<0.51	<3.23
FSW 575-M02-01PT (44-19)	6/3/1998	<0.2	<10.2	31	<0.20	--	162	<0.51	<3.23
FSW 575-M02-02GNT (44-19)	6/3/1998	<0.2	16.4	37	<0.20	--	274	<0.51	<3.23
FSW 575-M02-03RT (44-19)	6/3/1998	<0.2	42.5	37	<0.20	--	411	<0.51	8.66
FSW 575-M02-04BUT (44-19)	6/3/1998	<0.2	68.3	48	<0.20	--	684	<0.51	29.71
FSW 575-M02-05BKT (44-19)	6/3/1998	<0.2	118.0	78	2.58	--	928	<0.51	48.55
FSW 575-M02-06WT (44-19)	6/3/1998	<0.2	150.1	83	3.89	--	1170	<0.51	55.12
FSW 575-M02-06WT (44-19)-D	6/3/1998	<0.2	144.8	82	3.94	--	1164	<0.51	57.28
FSW 575-M02-07O (44-19)	6/3/1998	<0.2	144.7	81	3.98	--	1218	<0.51	50.44
FSW 575-M02-08GY (44-19)	6/3/1998	<0.2	179.7	96	3.93	--	1332	<0.51	17.55
FSW 575-M02-09Y (44-19)	6/3/1998	<0.2	161.7	108	4.38	--	1540	<0.51	9.22
FSW 575-M02-10P (44-19)	6/3/1998	<0.2	179.5	111	4.88	--	1631	<0.51	4.75
FSW 575-M02-11GN (44-19)	6/3/1998	<0.2	200.7	93	3.86	--	1662	<0.51	<3.23
FSW 575-M02-12R (44-19)	6/3/1998	<0.2	196.5	61	2.76	--	1614	<0.51	<3.23
FSW 575-M02-13BU (44-19)	6/3/1998	<0.2	179.0	68	2.23	--	1694	<0.51	<3.23
FSW 575-M02-14BK (44-19)	6/3/1998	<0.2	212.1	71	1.34	--	1691	<0.51	<3.23
FSW 575-M02-15W (44-19)	6/3/1998	0.3	250.6	120	2.10	--	1795	<0.51	<3.23
FSW 575-M01-01PT	6/7/1999	<0.2	156.2	63	1.24	--	1372	<0.51	7.35
FSW 575-M01-02GNT	6/7/1999	0.3	165.5	57	1.45	--	1397	<0.51	4.28
FSW 575-M01-03RT	6/7/1999	7.1	246.4	143	3.13	--	816	<0.51	4.66
FSW 575-M01-04BUT	6/7/1999	181.7	213.8	58	3.67	--	695	<0.51	45.52
FSW 575-M01-05BKT	6/7/1999	188.3	181.5	78	3.39	--	637	<0.51	52.93
FSW 575-M01-06WT	6/7/1999	138.2	229.0	55	2.67	--	614	<0.51	44.86

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M01-06WT-D	6/7/1999	150.0	245.8	57	2.79	--	606	<0.51	47.99
FSW 575-M01-07O	6/7/1999	108.1	212.0	25	2.62	--	636	<0.51	34.83
FSW 575-M01-08GY	6/7/1999	<0.2	136.7	107	3.65	--	473	<0.51	<3.23
FSW 575-M01-09Y	6/7/1999	<0.2	125.6	92	7.55	--	364	<0.51	<3.23
FSW 575-M01-09Y-D	6/7/1999	<0.2	136.5	99	8.09	--	368	<0.51	<3.23
FSW 575-M01-10P	6/7/1999	<0.2	50.3	39	<0.20	--	382	<0.51	10.26
FSW 575-M01-11GN	6/7/1999	<0.2	29.5	71	<0.20	--	285	<0.51	6.54
FSW 575-M01-12R	6/7/1999	<0.2	27.4	68	<0.20	--	327	<0.51	5.25
FSW 575-M01-13BU	6/7/1999	<0.2	30.9	65	<0.20	--	310	<0.51	5.38
FSW 575-M01-14BK	6/7/1999	<0.2	45.5	98	<0.20	--	292	<0.51	4.43
FSW 575-M01-15W	6/7/1999	<0.2	50.0	87	1.68	--	334	<0.51	4.53
FSW 575-M02-01PT (44-19)	6/7/1999	<0.2	18.0	23	<0.20	--	214	<0.51	<3.23
FSW 575-M02-02GNT (44-19)	6/7/1999	<0.2	34.0	43	<0.20	--	342	<0.51	<3.23
FSW 575-M02-03RT (44-19)	6/7/1999	<0.2	78.8	58	<0.20	--	420	<0.51	15.90
FSW 575-M02-04BUT (44-19)	6/7/1999	<0.2	130.8	75	<0.20	--	466	<0.51	58.89
FSW 575-M02-05BKT (44-19)	6/7/1999	<0.2	163.5	92	3.35	--	550	<0.51	71.88
FSW 575-M02-06WT (44-19)	6/7/1999	<0.2	199.2	108	5.41	--	846	<0.51	61.78
FSW 575-M02-07O (44-19)	6/7/1999	<0.2	170.0	107	5.66	--	926	<0.51	57.17
FSW 575-M02-07O (44-19)-D	6/7/1999	<0.2	180.6	112	5.91	--	912	<0.51	58.48
FSW 575-M02-08GY (44-19)	6/7/1999	<0.2	146.5	92	4.51	--	760	<0.51	22.16
FSW 575-M02-09Y (44-19)	6/7/1999	<0.2	154.4	90	4.56	--	656	<0.51	11.38
FSW 575-M02-10P (44-19)	6/7/1999	<0.2	183.1	87	4.84	--	686	<0.51	7.95
FSW 575-M02-11GN (44-19)	6/7/1999	<0.2	207.7	89	4.54	--	669	<0.51	5.48
FSW 575-M02-12R (44-19)	6/7/1999	<0.2	220.7	77	3.99	--	643	<0.51	3.51
FSW 575-M02-13BU (44-19)	6/7/1999	<0.2	218.3	46	1.81	--	1008	<0.51	6.25

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M02-14BK (44-19)	6/7/1999	<0.2	173.8	34	0.88	--	1440	<0.51	7.12
FSW 575-M02-15W (44-19)	6/7/1999	0.2	139.5	37	0.79	--	1394	<0.51	7.65
FSW 575-M01-01PT	5/31/2000	0.4	245.7	166	3.29	<0.02	431	<0.05	4.49
FSW 575-M01-02GNT	5/31/2000	0.5	293.5	148	3.58	<0.02	424	<0.05	4.73
FSW 575-M01-03RT-D	5/31/2000	0.2	82.8	140	10.92	<0.02	984	<0.05	58.85
FSW 575-M01-04BUT	5/31/2000	161.8	249.9	56	3.16	<0.02	795	<0.05	70.34
FSW 575-M01-05BKT	5/31/2000	176.0	274.9	77	3.00	<0.02	733	<0.05	73.13
FSW 575-M01-06WT	5/31/2000	149.6	290.3	38	2.36	<0.02	441	<0.05	48.39
FSW 575-M01-07O	5/31/2000	239.1	235.5	69	4.69	<0.02	620	<0.05	38.34
FSW 575-M01-08GY	5/31/2000	0.2	123.9	79	2.08	<0.02	476	<0.05	<2.4
FSW 575-M01-09Y	5/31/2000	0.1	126.1	119	6.16	<0.02	345	<0.05	<2.4
FSW 575-M01-10P	5/31/2000	0.4	31.3	91	0.07	<0.02	296	<0.05	5.30
FSW 575-M01-11GN	5/31/2000	0.1	26.9	84	0.11	<0.02	333	<0.05	5.17
FSW 575-M01-12R	5/31/2000	0.2	24.9	79	0.08	<0.02	357	<0.05	5.77
FSW 575-M01-13BU	5/31/2000	0.2	39.9	98	0.09	<0.02	313	<0.05	4.48
FSW 575-M01-14BK	5/31/2000	0.2	52.1	113	1.54	<0.02	380	<0.05	4.58
FSW 575-M01-15W	5/31/2000	0.1	122.9	120	6.23	<0.02	338	<0.05	<2.4
FSW 575-M02-01PT (44-19)	5/31/2000	0.1	12.6	20	0.08	<0.02	132	<0.05	<2.4
FSW 575-M02-02GNT (44-19)	5/31/2000	0.2	28.0	43	0.15	<0.02	268	<0.05	<2.4
FSW 575-M02-03RT (44-19)	5/31/2000	0.1	59.0	42	0.08	<0.02	282	0.056	13.96
FSW 575-M02-03RT (44-19)-D	5/31/2000	0.1	55.9	42	0.08	<0.02	274	0.054	13.68
FSW 575-M02-04BUT (44-19)	5/31/2000	0.7	136.2	76	0.14	<0.02	368	0.142	35.63
FSW 575-M02-05BKT (44-19)	5/31/2000	0.1	172.5	83	2.15	<0.02	348	0.191	47.73
FSW 575-M02-06WT (44-19)	5/31/2000	0.3	249.2	118	5.63	<0.02	593	0.149	58.73

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M02-07O (44-19)	5/31/2000	0.2	213.3	117	6.34	<0.02	646	0.103	46.02
FSW 575-M02-08GY (44-19)	5/31/2000	0.2	217.0	155	8.07	<0.02	1097	0.066	29.07
FSW 575-M02-09Y (44-19)	5/31/2000	0.2	298.4	145	8.10	<0.02	1106	<0.05	10.34
FSW 575-M02-10P (44-19)	5/31/2000	0.2	271.3	139	7.38	<0.02	1017	<0.05	6.04
FSW 575-M02-10P (44-19)-D	5/31/2000	0.2	285.0	147	7.84	<0.02	1074	<0.05	6.51
FSW 575-M02-11GN (44-19)	5/31/2000	0.2	296.3	175	8.67	<0.02	1126	<0.05	5.28
FSW 575-M02-12R (44-19)	5/31/2000	0.2	226.9	123	6.66	<0.02	683	0.104	48.08
FSW 575-M02-13BU (44-19)	5/31/2000	0.2	244.6	95	3.40	<0.02	552	<0.05	4.87
FSW 575-M02-14BK (44-19)	5/31/2000	0.2	267.9	103	2.46	<0.02	568	<0.05	5.46
FSW 575-M02-15W (44-19)	5/31/2000	0.3	168.1	111	1.95	<0.02	453	<0.05	4.11
FSW 575-M01-01PT	7/11/2002	0.4	241.4	200	2.92	<0.02	704	<0.05	4.30
FSW 575-M01-02GNT	7/11/2002	0.5	264.7	280	2.94	<0.02	664	<0.05	3.77
FSW 575-M01-03RT	7/11/2002	4.6	328.2	341	4.19	<0.02	748	<0.05	6.38
FSW 575-M01-04BUT	7/11/2002	365.0	477.6	216	6.79	<0.02	852	<0.05	41.43
FSW 575-M01-05BKT	7/11/2002	415.3	318.8	310	6.99	<0.02	840	<0.05	30.73
FSW 575-M01-06WT	7/11/2002	401.7	264.9	362	5.76	<0.02	786	<0.05	25.82
FSW 575-M01-06WT-D	7/11/2002	404.1	267.8	370	5.79	<0.02	814	<0.05	26.25
FSW 575-M01-07O	7/11/2002	400.7	177.2	202	5.92	<0.02	742	<0.05	18.93
FSW 575-M01-08GY	7/11/2002	<0.09	116.2	279	5.05	<0.02	627	<0.05	<2.4
FSW 575-M01-09Y	7/11/2002	<0.09	69.6	96	1.93	<0.02	354	<0.05	<2.4
FSW 575-M01-10P	7/11/2002	<0.09	53.2	92	0.08	<0.02	228	<0.05	5.18
FSW 575-M01-11GN	7/11/2002	<0.09	27.8	130	0.05	<0.02	243	<0.05	3.45
FSW 575-M01-12R	7/11/2002	<0.09	20.9	94	0.08	<0.02	246	<0.05	3.26
FSW 575-M01-13BU	7/11/2002	<0.09	20.2	78	0.08	<0.02	206	<0.05	3.43
FSW 575-M01-14BK	7/11/2002	<0.09	26.3	86	0.07	<0.02	226	<0.05	2.93

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M01-15W	7/11/2002	<0.09	32.6	77	0.52	<0.02	290	<0.05	2.82
FSW 575-M02-01PT (44-19)	7/11/2002	<0.09	10.8	18	0.07	<0.02	121	<0.05	<2.4
FSW 575-M02-02GNT (44-19)	7/11/2002	<0.09	25.1	38	0.12	<0.02	240	<0.05	<2.4
FSW 575-M02-03RT (44-19)	7/11/2002	<0.09	62.5	46	0.11	<0.02	273	0.062	14.98
FSW 575-M02-04BUT (44-19)	7/11/2002	<0.09	109.2	76	0.17	<0.02	246	0.157	25.30
FSW 575-M02-05BKT (44-19)	7/11/2002	<0.09	160.7	98	2.39	<0.02	278	0.211	37.89
FSW 575-M02-06WT (44-19)	7/11/2002	<0.09	199.4	96	3.93	<0.02	475	0.118	49.15
FSW 575-M02-07O (44-19)	7/11/2002	<0.09	212.3	91	5.04	<0.02	516	0.091	53.01
FSW 575-M02-08GY (44-19)	7/11/2002	<0.09	203.3	81	4.67	<0.02	549	<0.05	35.15
FSW 575-M02-09Y (44-19)	7/11/2002	<0.09	180.0	70	3.92	<0.02	493	<0.05	17.41
FSW 575-M02-09Y (44-19)-D	7/11/2002	<0.09	187.8	72	4.06	<0.02	520	<0.05	18.20
FSW 575-M02-10P (44-19)	7/11/2002	<0.09	179.2	76	3.36	<0.02	525	<0.05	9.34
FSW 575-M02-11GN (44-19)	7/11/2002	<0.09	172.2	83	3.25	<0.02	512	<0.05	7.40
FSW 575-M02-12R (44-19)	7/11/2002	<0.09	174.4	99	2.98	<0.02	655	<0.05	7.11
FSW 575-M02-13BU (44-19)	7/11/2002	0.1	170.8	97	3.18	<0.02	751	<0.05	8.25
FSW 575-M02-14BK (44-19)	7/11/2002	0.3	217.0	94	3.02	<0.02	682	<0.05	7.94
FSW 575-M02-15W (44-19)	7/11/2002	0.8	232.9	144	3.07	<0.02	656	<0.05	8.56
FSW 575-M01-01PT	8/30/2004	0.6	135.9	88	2.76	--	512	<0.05	5.70
FSW 575-M01-01PT-D	8/30/2004	0.6	140.9	90	2.80	--	517	<0.05	5.80
FSW 575-M01-02GNT	8/30/2004	0.3	148.6	90	2.16	--	667	<0.05	5.51
FSW 575-M01-03RT	8/30/2004	2.5	177.2	88	2.27	--	780	<0.05	6.10
FSW 575-M01-04BUT	8/30/2004	138.9	171.0	76	2.93	--	824	<0.05	37.06
FSW 575-M01-05BKT	8/30/2004	141.2	132.3	67	2.36	--	816	<0.05	36.64
FSW 575-M01-06WT	8/30/2004	124.3	127.1	97	2.46	--	801	<0.05	26.53

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M01-07O	8/30/2004	134.7	99.7	71	2.29	--	660	<0.05	25.93
FSW 575-M01-08GY	8/30/2004	0.8	68.0	77	1.57	--	518	<0.05	<2.4
FSW 575-M01-08GY-D	8/30/2004	0.3	69.6	79	1.58	--	522	<0.05	<2.4
FSW 575-M01-09Y	8/30/2004	0.1	61.5	96	0.53	--	334	<0.05	<2.4
FSW 575-M01-10P	8/30/2004	<0.09	41.5	71	0.09	--	230	<0.05	6.87
FSW 575-M01-11GN	8/30/2004	--	--	--	--	--	--	--	--
FSW 575-M01-12R	8/30/2004	--	--	--	--	--	--	--	--
FSW 575-M01-13BU	8/30/2004	<0.09	24.5	85	0.08	--	297	<0.05	5.77
FSW 575-M01-14BK	8/30/2004	<0.09	29.5	67	0.06	--	405	<0.05	5.37
FSW 575-M01-15W	8/30/2004	<0.09	31.1	62	0.13	--	437	<0.05	5.58
FSW 575-M02-01PT (44-19)	8/30/2004	<0.09	14.2	22	0.08	--	150	<0.05	<2.4
FSW 575-M02-02GNT (44-19)	8/30/2004	<0.09	23.4	35	0.10	--	211	<0.05	<2.4
FSW 575-M02-02GNT (44-19)-D	8/30/2004	<0.09	24.6	35	0.10	--	218	<0.05	<2.4
FSW 575-M02-03RT (44-19)	8/30/2004	<0.09	57.5	39	0.07	--	226	<0.05	16.58
FSW 575-M02-04BUT (44-19)	8/30/2004	<0.09	92.1	58	0.07	--	220	0.135	32.58
FSW 575-M02-05BKT (44-19)	8/30/2004	<0.09	134.0	69	0.22	--	279	0.138	51.17
FSW 575-M02-06WT (44-19)	8/30/2004	<0.09	154.1	70	2.86	--	360	0.106	60.12
FSW 575-M02-07O (44-19)	8/30/2004	<0.09	167.2	74	3.49	--	411	0.083	68.51
FSW 575-M02-08GY (44-19)	8/30/2004	<0.09	157.8	72	3.57	--	444	<0.05	54.05
FSW 575-M02-09Y (44-19)	8/30/2004	<0.09	165.3	69	2.78	--	453	<0.05	40.32
FSW 575-M02-10P (44-19)	8/30/2004	0.1	167.1	65	2.47	--	458	<0.05	15.35
FSW 575-M02-11GN (44-19)	8/30/2004	0.1	168.9	76	2.87	--	418	<0.05	8.66
FSW 575-M02-12R (44-19)	8/30/2004	<0.09	170.7	87	2.68	--	401	<0.05	18.88
FSW 575-M02-13BU (44-19)	8/30/2004	0.3	166.6	71	2.72	--	491	<0.05	5.57
FSW 575-M02-14BK (44-19)	8/30/2004	0.2	159.4	78	2.77	--	520	<0.05	5.38

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 575-M02-15W (44-19)	8/30/2004	0.2	136.3	85	2.87	--	512	<0.05	5.42
FSW 577-0061	9/13/1995	0.5	411.5	166	2.56	--	2151	<0.51	75.06
FSW 577-0071	9/13/1995	0.5	522.8	117	2.32	--	2304	<0.51	111.02
FSW 577-0081	9/13/1995	0.6	182.0	172	5.18	--	2373	<0.51	68.80
FSW 577-0097	9/13/1995	0.3	202.2	216	4.15	--	1431	<0.51	37.54
FSW 577-0111	9/13/1995	<0.2	74.0	162	3.32	--	726	<0.51	15.84
FSW 577-0126	9/13/1995	<0.2	38.3	174	0.47	--	387	<0.51	<3.23
FSW 577-0142	9/13/1995	<0.2	21.3	125	0.35	--	232	<0.51	5.28
FSW 577-0051	12/6/1995	0.3	247.4	160	1.59	--	2117	<0.51	83.40
FSW 577-0061	12/6/1995	0.4	245.5	173	2.34	--	1907	<0.51	74.33
FSW 577-0071	12/6/1995	0.3	348.1	145	2.33	--	2254	<0.51	72.98
FSW 577-0081	12/7/1995	0.8	253.7	192	5.02	--	2451	<0.51	64.19
FSW 577-0097	12/7/1995	1.0	352.8	160	2.79	--	2196	<0.51	54.99
FSW 577-0111	12/7/1995	0.4	87.3	288	5.28	--	2004	<0.51	13.92
FSW 577-0126	12/7/1995	0.2	28.1	173	0.34	--	584	<0.51	<3.23
FSW 577-0142	12/7/1995	<0.2	25.3	119	<0.20	--	272	<0.51	4.94
FSW 577-0142-D	12/7/1995	<0.2	26.9	127	0.27	--	277	<0.51	7.89
FSW 577-0051	6/21/1996	0.4	223.6	57	0.58	--	869	<0.51	122.73
FSW 577-0051-R	6/21/1996	0.5	215.8	58	0.60	--	876	<0.51	123.72
FSW 577-0061	6/21/1996	0.5	378.0	206	2.97	--	2560	<0.51	94.14
FSW 577-0061-R	6/21/1996	0.5	344.9	201	2.90	--	2521	<0.51	91.73
FSW 577-0071	6/21/1996	0.4	198.6	142	2.28	--	2498	<0.51	155.89
FSW 577-0071-R	6/21/1996	0.5	185.6	139	2.24	--	2482	0.548	153.11

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 577-0081	6/21/1996	0.6	247.6	120	2.92	--	2587	<0.51	121.97
FSW 577-0081-R	6/21/1996	0.6	244.5	124	3.02	--	2724	<0.51	128.00
FSW 577-0097	6/21/1996	0.8	369.1	88	1.80	--	2737	<0.51	75.24
FSW 577-0097-D	6/21/1996	0.9	358.5	87	1.82	--	2749	<0.51	76.81
FSW 577-0097-R	6/21/1996	0.8	336.7	87	1.78	--	2719	<0.51	75.62
FSW 577-0111	6/21/1996	0.5	59.5	69	1.27	--	1568	<0.51	39.55
FSW 577-0111-R	6/21/1996	0.6	64.4	71	1.32	--	1636	<0.51	42.04
FSW 577-0126	6/21/1996	<0.2	18.3	101	<0.20	--	518	<0.51	<3.23
FSW 577-0126-R	6/21/1996	<0.2	26.8	99	<0.20	--	508	<0.51	<3.23
FSW 577-0142	6/21/1996	<0.2	16.2	95	<0.20	--	206	<0.51	6.23
FSW 577-0142-R	6/21/1996	<0.2	18.1	94	<0.20	--	206	<0.51	7.54
FSW 577-0051	11/19/1996	0.3	213.0	68	0.66	--	909	<0.51	116.47
FSW 577-0061	11/19/1996	0.5	358.9	66	0.95	--	1806	<0.51	149.86
FSW 577-0071	11/19/1996	0.3	329.3	91	1.41	--	1940	<0.51	149.56
FSW 577-0081	11/19/1996	0.4	197.7	170	3.79	--	2367	<0.51	91.74
FSW 577-0097	11/19/1996	0.9	186.8	79	1.52	--	1073	<0.51	79.54
FSW 577-0097-D	11/19/1996	0.9	180.1	74	1.45	--	1037	<0.51	79.13
FSW 577-0111	11/19/1996	0.5	33.5	47	<0.20	--	448	<0.51	28.20
FSW 577-0126	11/19/1996	9.2	20.4	123	<0.20	--	237	<0.51	<3.23
FSW 577-0142	11/19/1996	0.4	21.9	151	<0.20	--	288	<0.51	7.33
FSW 577-0051	2/28/1997	0.5	153.5	49	0.49	--	605	<0.51	111.46
FSW 577-0061	2/28/1997	0.4	227.9	53	0.84	--	1227	<0.51	121.69
FSW 577-0071	2/28/1997	0.3	430.0	75	1.27	--	1556	<0.51	94.59
FSW 577-0081	2/28/1997	0.6	102.5	58	1.31	--	1396	<0.51	162.47

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 577-0081-D	2/28/1997	0.6	109.8	62	1.37	--	1468	<0.51	171.80
FSW 577-0097	2/28/1997	0.3	152.6	105	2.12	--	847	<0.51	69.62
FSW 577-0111	2/28/1997	0.5	34.5	38	<0.20	--	409	<0.51	24.70
FSW 577-0126	2/28/1997	--	--	--	--	--	--	--	--
FSW 577-0142	2/28/1997	--	--	--	--	--	--	--	--
FSW 577-0051	5/29/1997	0.5	155.0	65	0.58	--	634	<0.51	92.59
FSW 577-0061	5/29/1997	<0.2	271.6	209	2.78	--	1811	<0.51	80.94
FSW 577-0071	5/29/1997	0.3	313.4	81	1.22	--	954	<0.51	89.45
FSW 577-0081	5/29/1997	0.9	102.5	54	1.13	--	1228	<0.51	156.38
FSW 577-0097	5/29/1997	0.9	179.3	109	2.26	--	674	<0.51	68.83
FSW 577-0111	5/29/1997	0.3	35.0	48	<0.20	--	381	<0.51	22.74
FSW 577-0126	5/29/1997	<0.2	18.9	99	<0.20	--	183	<0.51	<3.23
FSW 577-0126-D	5/29/1997	<0.2	26.6	102	<0.20	--	191	<0.51	<3.23
FSW 577-0142	5/29/1997	<0.2	14.6	99	<0.20	--	289	<0.51	5.87
FSW 577-0051	8/25/1997	0.6	133.8	49	0.45	--	526	<0.51	103.41
FSW 577-0061	8/25/1997	0.3	179.8	93	1.15	--	812	<0.51	109.60
FSW 577-0071	8/25/1997	0.5	284.6	87	1.16	--	908	<0.51	98.53
FSW 577-0071-D	8/25/1997	0.5	259.4	85	1.19	--	886	<0.51	95.19
FSW 577-0081	8/25/1997	0.7	341.0	123	2.44	--	486	<0.51	100.99
FSW 577-0097	8/25/1997	1.2	178.6	90	1.90	--	785	<0.51	84.41
FSW 577-0111	8/25/1997	0.6	43.1	57	<0.20	--	324	<0.51	21.67
FSW 577-0126	8/25/1997	<0.2	17.8	106	<0.20	--	203	<0.51	<3.23
FSW 577-0142	8/25/1997	<0.2	<10.2	97	<0.20	--	331	<0.51	6.36

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 577-0051	11/13/1997	0.2	127.3	54	0.65	--	506	<0.51	86.59
FSW 577-0061	11/13/1997	0.5	146.0	88	1.11	--	764	<0.51	102.51
FSW 577-0071	11/13/1997	0.6	197.5	126	1.52	--	604	<0.51	93.15
FSW 577-0071-D	11/13/1997	0.6	223.6	125	1.46	--	596	<0.51	91.58
FSW 577-0081	11/13/1997	0.7	261.9	101	2.26	--	337	<0.51	90.16
FSW 577-0097	11/13/1997	1.3	139.9	76	1.69	--	642	<0.51	80.63
FSW 577-0111	11/13/1997	0.3	39.6	57	<0.20	--	282	<0.51	16.18
FSW 577-0126	11/13/1997	<0.2	17.9	105	<0.20	--	195	<0.51	<3.23
FSW 577-0142	11/13/1997	<0.2	11.8	84	<0.20	--	307	<0.51	5.95
FSW 577-0051	6/18/1998	0.2	116.1	42	0.40	--	354	<0.51	84.73
FSW 577-0061	6/18/1998	<0.2	198.9	152	1.47	--	665	<0.51	84.32
FSW 577-0071	6/18/1998	0.5	143.8	155	1.63	--	534	<0.51	97.85
FSW 577-0071-D	6/18/1998	0.5	153.5	155	1.62	--	540	<0.51	97.00
FSW 577-0081	6/18/1998	0.7	185.8	161	3.40	--	364	<0.51	90.93
FSW 577-0097	6/18/1998	0.8	185.1	92	2.27	--	689	<0.51	67.73
FSW 577-0111	6/18/1998	<0.2	67.2	89	0.38	--	476	<0.51	14.42
FSW 577-0126	6/18/1998	<0.2	19.4	101	<0.20	--	194	<0.51	<3.23
FSW 577-0142	6/18/1998	<0.2	14.9	79	<0.20	--	320	<0.51	6.05
FSW 577-0051	11/17/1998	0.4	153.6	63	0.79	--	394	<0.51	88.24
FSW 577-0061	11/17/1998	<0.2	303.0	181	1.65	--	578	<0.51	90.30
FSW 577-0061-D	11/17/1998	<0.2	263.3	170	1.54	--	535	<0.51	87.00
FSW 577-0071	11/17/1998	0.7	155.0	170	1.83	--	465	<0.51	107.52
FSW 577-0081	11/17/1998	1.2	179.6	188	4.06	--	398	<0.51	107.21
FSW 577-0097	11/17/1998	1.0	229.2	113	3.51	--	780	<0.51	57.97

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 577-0111	11/17/1998	<0.2	57.7	50	0.61	--	561	<0.51	19.16
FSW 577-0126	11/17/1998	<0.2	21.7	108	<0.20	--	210	<0.51	<3.23
FSW 577-0142	11/17/1998	<0.2	19.4	95	<0.20	--	423	<0.51	11.44
FSW 577-0051	6/30/1999	<0.2	150.1	68	0.69	--	192	<0.51	76.73
FSW 577-0051-X	6/30/1999	<0.2	<10.2	<4	<0.20	--	1176	<0.51	76.79
FSW 577-0061	6/30/1999	<0.2	186.4	90	0.84	--	518	<0.51	93.20
FSW 577-0071	6/30/1999	1.0	181.9	112	1.61	--	482	<0.51	95.87
FSW 577-0081	6/30/1999	1.5	164.7	147	3.97	--	468	<0.51	93.00
FSW 577-0081-D	6/30/1999	1.6	185.9	165	4.42	--	522	<0.51	102.10
FSW 577-0097	6/30/1999	1.5	139.5	109	4.41	--	734	<0.51	49.05
FSW 577-0111	6/30/1999	<0.2	34.8	37	0.34	--	533	<0.51	16.39
FSW 577-0126	6/30/1999	<0.2	18.1	98	<0.20	--	192	<0.51	<3.23
FSW 577-0142	6/30/1999	<0.2	11.1	83	<0.20	--	343	<0.51	8.82
FSW 577-0051	6/23/2000	0.3	158.6	61	0.58	<0.02	168	0.110	96.20
FSW 577-0051-X	6/23/2000	<0.09	44.2	<4	<0.04	<0.02	1087	<0.05	96.83
FSW 577-0061	6/23/2000	<0.09	187.1	140	1.18	<0.02	574	0.148	70.12
FSW 577-0061-D	6/23/2000	0.2	219.9	161	1.41	<0.02	689	0.191	86.94
FSW 577-0071	6/23/2000	2.9	235.3	130	2.44	<0.02	653	0.170	80.92
FSW 577-0081	6/23/2000	3.6	193.2	146	5.99	<0.02	540	<0.05	91.94
FSW 577-0097	6/23/2000	7.6	120.6	149	9.20	<0.02	873	<0.05	51.09
FSW 577-0111	6/22/2000	<0.09	26.1	36	0.19	<0.02	473	<0.05	14.91
FSW 577-0126	6/22/2000	<0.09	21.7	115	0.06	<0.02	209	<0.05	3.98
FSW 577-0142	6/22/2000	<0.09	14.7	87	0.04	<0.02	370	<0.05	7.79

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 577-0051	8/15/2002	0.2	106.6	46	0.45	<0.02	156	0.088	74.40
FSW 577-0061	8/15/2002	0.2	88.5	68	0.72	<0.02	406	0.091	61.34
FSW 577-0071	8/15/2002	0.2	99.0	58	1.19	<0.02	431	0.087	47.84
FSW 577-0081	8/15/2002	8.3	78.3	60	6.69	<0.02	620	<0.05	73.05
FSW 577-0097	8/15/2002	18.0	39.0	50	5.98	<0.02	742	<0.05	54.41
FSW 577-0111	8/15/2002	<0.09	20.6	40	0.25	<0.02	397	<0.05	12.53
FSW 577-0126	8/15/2002	<0.09	19.3	156	0.06	<0.02	213	<0.05	4.94
FSW 577-0142	8/15/2002	<0.09	16.4	129	0.05	<0.02	199	<0.05	7.87
FSW 577-0051	8/2/2004	0.1	93.8	42	0.42	--	119	0.080	54.27
FSW 577-0051-D	8/2/2004	0.1	82.2	45	0.42	--	157	0.085	54.59
FSW 577-0061	8/2/2004	0.2	79.3	68	0.79	--	344	0.092	45.55
FSW 577-0071	8/2/2004	1.8	95.8	85	2.25	--	349	0.136	53.37
FSW 577-0081	8/2/2004	14.5	53.4	47	6.30	--	659	<0.05	67.06
FSW 577-0097	8/2/2004	27.8	49.1	76	6.25	--	944	<0.05	48.88
FSW 577-0111	8/2/2004	<0.09	54.9	197	0.48	--	790	0.102	7.10
FSW 577-0126	8/2/2004	<0.09	34.1	334	0.13	--	340	<0.05	<2.4
FSW 577-0142	8/2/2004	<0.09	18.3	106	0.04	--	238	<0.05	6.99
FSW 586-0058	6/15/1996	0.3	170.3	54	0.88	--	638	<0.51	72.84
FSW 586-0068	6/15/1996	0.5	457.0	149	4.98	--	2130	<0.51	62.08
FSW 586-0078	6/15/1996	0.5	246.3	191	4.36	--	2181	<0.51	56.64
FSW 586-0088	6/15/1996	0.3	265.4	158	3.09	--	2184	<0.51	3.34
FSW 586-0098	6/15/1996	1.1	212.0	147	1.85	--	2252	<0.51	<3.23
FSW 586-0113	6/15/1996	0.4	118.3	143	4.99	--	2301	<0.51	<3.23
FSW 586-0128	6/15/1996	<0.2	29.4	74	0.31	--	743	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 586-0128-D	6/15/1996	<0.2	34.0	73	0.31	--	746	<0.51	<3.23
FSW 586-0143	6/15/1996	<0.2	15.1	78	<0.20	--	218	<0.51	5.32
FSW 586-0058	11/22/1996	0.7	240.1	116	1.96	--	1151	<0.51	62.12
FSW 586-0068	11/22/1996	0.4	253.8	168	5.13	--	2321	<0.51	54.55
FSW 586-0078	11/22/1996	0.4	230.3	150	3.70	--	2468	<0.51	78.23
FSW 586-0088	11/22/1996	0.4	308.9	125	2.48	--	2423	<0.51	<3.23
FSW 586-0098	11/22/1996	0.2	243.4	129	1.46	--	2496	<0.51	<3.23
FSW 586-0113	11/22/1996	<0.2	57.6	32	1.14	--	1480	<0.51	<3.23
FSW 586-0113-D	11/22/1996	0.3	66.1	36	1.31	--	1724	<0.51	3.70
FSW 586-0128	11/22/1996	<0.2	15.8	16	<0.20	--	459	<0.51	3.51
FSW 586-0143	11/22/1996	<0.2	23.2	117	<0.20	--	281	<0.51	5.92
FSW 586-0058	3/6/1997	0.4	167.6	53	0.93	--	952	<0.51	128.64
FSW 586-0068	3/6/1997	0.4	175.4	84	2.42	--	1838	<0.51	115.18
FSW 586-0078	3/6/1997	0.4	136.0	103	2.55	--	1960	<0.51	105.98
FSW 586-0088	3/6/1997	0.6	359.0	112	2.19	--	2266	<0.51	4.42
FSW 586-0098	3/6/1997	0.5	263.8	40	0.54	--	877	<0.51	4.40
FSW 586-0098-D	3/6/1997	0.5	264.8	41	0.56	--	894	<0.51	5.22
FSW 586-0113	3/6/1997	<0.2	47.6	78	2.47	--	570	<0.51	<3.23
FSW 586-0128	3/6/1997	10.2	16.5	42	0.22	--	268	<0.51	<3.23
FSW 586-0143	3/6/1997	<0.2	22.3	124	<0.20	--	309	<0.51	7.14
FSW 586-0058	6/10/1997	<0.2	225.4	89	1.55	--	721	<0.51	75.00
FSW 586-0068	6/10/1997	0.3	164.7	73	2.02	--	1655	<0.51	116.20
FSW 586-0078	6/10/1997	0.3	122.4	84	2.08	--	1795	<0.51	102.55

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 586-0088	6/10/1997	3.5	237.1	59	1.14	--	1747	<0.51	8.70
FSW 586-0098	6/10/1997	0.9	212.8	48	0.94	--	834	<0.51	5.32
FSW 586-0113	6/10/1997	<0.2	51.5	56	1.17	--	573	<0.51	<3.23
FSW 586-0128	6/10/1997	<0.2	20.9	55	0.21	--	197	<0.51	<3.23
FSW 586-0143	6/10/1997	<0.2	17.0	109	<0.20	--	299	<0.51	6.15
FSW 586-0143-D	6/10/1997	<0.2	23.7	107	<0.20	--	294	<0.51	7.37
FSW 586-0058	8/26/1997	0.2	156.6	46	0.79	--	614	<0.51	87.88
FSW 586-0068	8/26/1997	<0.2	282.6	151	4.01	--	1714	<0.51	75.41
FSW 586-0078	8/26/1997	<0.2	175.3	143	3.25	--	1266	<0.51	77.04
FSW 586-0088	8/26/1997	1.5	176.1	41	0.82	--	1343	<0.51	9.71
FSW 586-0088-D	8/26/1997	1.6	169.6	41	0.84	--	1339	<0.51	10.33
FSW 586-0098	8/26/1997	1.1	143.4	37	0.71	--	1137	<0.51	7.60
FSW 586-0113	8/26/1997	<0.2	56.3	57	1.41	--	595	<0.51	<3.23
FSW 586-0128	8/26/1997	<0.2	15.7	53	<0.20	--	198	<0.51	<3.23
FSW 586-0143	8/26/1997	<0.2	27.3	97	<0.20	--	287	<0.51	7.28
FSW 586-0058	11/6/1997	<0.2	183.4	69	1.21	--	639	<0.51	59.49
FSW 586-0068	11/6/1997	<0.2	230.3	70	1.90	--	924	<0.51	95.97
FSW 586-0078	11/6/1997	1.0	236.7	97	2.41	--	1170	<0.51	87.03
FSW 586-0078-D	11/6/1997	0.9	249.9	96	2.34	--	1158	<0.51	85.88
FSW 586-0088	11/6/1997	0.7	151.0	91	1.61	--	477	<0.51	14.52
FSW 586-0098	11/7/1997	1.7	154.0	81	1.56	--	618	<0.51	6.70
FSW 586-0113	11/7/1997	<0.2	42.7	40	0.57	--	476	<0.51	<3.23
FSW 586-0128	11/7/1997	<0.2	17.2	54	<0.20	--	186	<0.51	<3.23
FSW 586-0143	11/7/1997	<0.2	14.1	90	<0.20	--	278	<0.51	6.24

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 586-0058	7/9/1998	<0.2	152.2	89	1.43	--	442	<0.51	66.44
FSW 586-0068	7/9/1998	0.2	192.8	76	1.91	--	817	<0.51	99.53
FSW 586-0078	7/9/1998	0.7	229.6	121	2.69	--	445	<0.51	69.65
FSW 586-0088	7/9/1998	0.8	240.3	89	1.33	--	491	<0.51	40.14
FSW 586-0088-D	7/9/1998	0.8	261.3	85	1.29	--	467	<0.51	40.61
FSW 586-0098	7/9/1998	1.5	181.0	57	0.92	--	694	<0.51	32.26
FSW 586-0113	7/9/1998	0.5	47.9	50	0.25	--	372	<0.51	4.96
FSW 586-0128	7/9/1998	<0.2	27.6	71	<0.20	--	221	<0.51	<3.23
FSW 586-0143	7/9/1998	<0.2	19.9	85	<0.20	--	316	<0.51	7.50
FSW 586-0058	11/19/1998	<0.2	157.4	67	1.09	--	309	<0.51	90.32
FSW 586-0068	11/19/1998	<0.2	217.9	125	2.97	--	749	<0.51	88.96
FSW 586-0078	11/19/1998	0.3	198.1	167	3.39	--	439	<0.51	79.93
FSW 586-0078-D	11/19/1998	0.4	203.7	167	3.35	--	434	<0.51	78.76
FSW 586-0088	11/19/1998	0.5	241.1	101	1.51	--	469	<0.51	45.61
FSW 586-0098	11/19/1998	1.4	153.6	67	1.04	--	667	<0.51	42.45
FSW 586-0113	11/19/1998	0.2	80.4	116	1.19	--	559	<0.51	7.07
FSW 586-0128	11/19/1998	<0.2	28.8	98	0.23	--	282	<0.51	<3.23
FSW 586-0143	11/19/1998	<0.2	22.7	79	<0.20	--	310	<0.51	7.70
FSW 586-0058	7/12/1999	<0.2	156.5	84	1.33	--	274	<0.51	66.87
FSW 586-0068	7/12/1999	<0.2	193.8	110	2.50	--	650	<0.51	85.97
FSW 586-0078	7/12/1999	0.4	181.2	199	4.28	--	448	<0.51	74.16
FSW 586-0088	7/12/1999	0.6	183.5	121	2.01	--	745	<0.51	51.27
FSW 586-0098	7/12/1999	3.5	138.1	124	2.24	--	804	<0.51	35.30

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 586-0113	7/12/1999	0.2	42.3	102	1.13	--	449	<0.51	<3.23
FSW 586-0128	7/12/1999	<0.2	22.0	69	<0.20	--	269	<0.51	<3.23
FSW 586-0143	7/12/1999	<0.2	13.9	84	<0.20	--	339	<0.51	6.12
FSW 586-0058	6/21/2000	<0.09	150.4	64	0.88	<0.02	340	0.145	71.21
FSW 586-0068	6/21/2000	<0.09	249.5	125	2.17	<0.02	773	0.145	82.50
FSW 586-0078	6/21/2000	0.4	203.9	125	3.53	<0.02	713	0.052	72.91
FSW 586-0078	6/21/2000	0.4	202.2	123	3.46	<0.02	706	<0.05	70.86
FSW 586-0088	6/21/2000	1.7	215.6	193	4.02	<0.02	877	<0.05	61.15
FSW 586-0098	6/21/2000	4.5	147.7	102	2.15	<0.02	752	<0.05	35.27
FSW 586-0113	6/21/2000	<0.09	32.7	51	0.19	<0.02	481	<0.05	4.88
FSW 586-0128	6/21/2000	<0.09	22.7	71	0.12	<0.02	253	<0.05	3.89
FSW 586-0143	6/21/2000	<0.09	18.4	89	0.08	<0.02	334	<0.05	7.50
FSW 586-0058	7/31/2002	<0.09	143.2	80	0.83	<0.02	156	0.151	57.15
FSW 586-0058-D	7/31/2002	<0.09	137.6	81	0.84	<0.02	142	0.147	57.74
FSW 586-0068	7/31/2002	1.6	113.4	96	1.71	<0.02	558	0.087	54.10
FSW 586-0078	7/31/2002	0.5	112.5	62	2.99	<0.02	538	<0.05	50.20
FSW 586-0088	7/31/2002	8.8	135.5	116	7.08	<0.02	489	0.050	43.61
FSW 586-0098	7/31/2002	20.8	91.1	108	8.31	<0.02	698	<0.05	31.62
FSW 586-0113	7/31/2002	0.1	27.1	38	0.36	<0.02	331	<0.05	7.68
FSW 586-0128	7/31/2002	<0.09	19.2	99	0.12	<0.02	235	<0.05	<3.23
FSW 586-0143	7/31/2002	<0.09	17.0	81	0.07	<0.02	295	<0.05	8.30
FSW 586-0058	8/2/2004	<0.09	118.0	68	0.65	--	141	0.128	61.41
FSW 586-0068	8/2/2004	0.2	82.1	102	1.44	--	360	0.072	54.63

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
FSW 586-0078	8/2/2004	1.0	77.5	68	3.74	--	396	<0.05	42.46
FSW 586-0088	8/2/2004	4.3	80.1	48	4.04	--	740	<0.05	74.61
FSW 586-0098	8/2/2004	7.4	38.8	27	4.24	--	776	<0.05	65.60
FSW 586-0113	8/2/2004	<0.09	36.4	76	0.94	--	792	<0.05	5.86
FSW 586-0128	8/2/2004	<0.09	16.5	187	0.14	--	322	<0.05	3.12
FSW 586-0143	8/2/2004	<0.09	17.1	99	0.08	--	246	<0.05	6.22
FSW 586-0143-D	8/2/2004	0.5	15.2	102	0.09	--	266	<0.05	6.45
SDW 436-M01-02GNT	7/12/2002	<0.09	47.2	57	2.82	<0.02	298	0.140	22.49
SDW 436-M01-03RT	7/12/2002	<0.09	55.5	63	1.43	<0.02	307	0.100	18.07
SDW 436-M01-04BUT	7/12/2002	0.1	74.8	78	0.63	<0.02	303	0.059	20.33
SDW 436-M01-05BKT	7/12/2002	<0.09	58.1	59	0.27	<0.02	292	<0.05	19.37
SDW 436-M01-06WT	7/12/2002	<0.09	47.5	65	0.37	<0.02	365	<0.05	19.58
SDW 436-M01-07O	7/12/2002	0.5	45.0	75	0.84	<0.02	427	0.050	23.86
SDW 436-M01-07O-D	7/12/2002	0.5	48.2	77	0.85	<0.02	452	0.057	24.42
SDW 436-M01-08GY	7/12/2002	0.3	17.9	104	1.41	<0.02	666	<0.05	20.27
SDW 436-M01-09Y	7/12/2002	0.2	9.8	113	26.41	<0.02	867	<0.05	20.11
SDW 436-M01-10P	7/12/2002	0.4	17.9	117	33.76	<0.02	867	<0.05	15.35
SDW 436-M01-11GN	7/12/2002	<0.09	10.8	84	17.03	<0.02	649	<0.05	11.35
SDW 436-M01-12R	7/12/2002	<0.09	12.4	73	1.69	<0.02	337	<0.05	6.55
SDW 436-M01-13BU	7/12/2002	<0.09	19.9	32	1.02	<0.02	317	<0.05	6.22
SDW 436-M01-14BK	7/12/2002	<0.09	25.5	109	0.08	<0.02	237	<0.05	6.63
SDW 436-M01-15W	7/12/2002	<0.09	25.8	153	0.06	<0.02	249	<0.05	<2.4
SDW 436-M01-01PT	5/27/2003	0.5	84.9	72	0.23	--	322	<0.05	69.22
SDW 436-M01-02GNT	5/27/2003	0.1	53.9	85	3.09	--	231	0.158	41.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 436-M01-02GNT-D	5/27/2003	0.1	55.2	86	3.13	--	237	0.158	41.97
SDW 436-M01-03RT	5/27/2003	<0.09	40.8	71	0.95	--	348	0.077	19.51
SDW 436-M01-04BUT	5/27/2003	<0.09	51.6	88	0.46	--	339	0.080	22.58
SDW 436-M01-05BKT	5/27/2003	<0.09	45.2	88	0.22	--	591	<0.05	20.58
SDW 436-M01-06WT	5/27/2003	<0.09	33.1	79	0.24	--	442	<0.05	20.74
SDW 436-M01-07O	5/27/2003	<0.09	33.5	90	0.49	--	479	<0.05	25.01
SDW 436-M01-08GY	5/27/2003	<0.09	12.7	106	1.65	--	822	<0.05	24.37
SDW 436-M01-09Y	5/27/2003	<0.09	9.0	109	30.74	--	786	<0.05	19.38
SDW 436-M01-10P	5/27/2003	<0.09	9.1	178	55.63	--	963	<0.05	14.52
SDW 436-M01-11GN	5/27/2003	<0.09	10.1	145	6.38	--	873	<0.05	7.36
SDW 436-M01-12R	5/27/2003	<0.09	10.8	129	3.27	--	512	<0.05	4.44
SDW 436-M01-13BU	5/27/2003	<0.09	22.6	86	2.43	--	275	<0.05	3.20
SDW 436-M01-13BU-D	5/27/2003	<0.09	22.1	85	2.40	--	273	<0.05	3.21
SDW 436-M01-14BK	5/27/2003	<0.09	20.0	130	0.08	--	228	<0.05	4.98
SDW 436-M01-15W	5/27/2003	<0.09	18.2	121	0.07	--	246	<0.05	4.36
SDW 436-M01-01PT	8/26/2004	0.1	99.6	60	0.19	--	125	<0.05	73.90
SDW 436-M01-02GNT	8/26/2004	<0.09	101.9	58	1.03	--	313	0.068	53.98
SDW 436-M01-02GNT-X	8/26/2004	<0.09	8.8	2	0.07	--	1087	<0.05	53.24
SDW 436-M01-03RT	8/26/2004	<0.09	40.0	43	0.43	--	232	0.055	17.90
SDW 436-M01-04BUT	8/26/2004	<0.09	45.9	52	0.19	--	265	<0.05	21.23
SDW 436-M01-04BUT-X	8/26/2004	<0.09	<3.8	<4.1	<0.04	--	1162	<0.05	20.84
SDW 436-M01-05BKT	8/26/2004	0.3	48.1	63	0.55	--	347	<0.05	17.17
SDW 436-M01-06WT	8/26/2004	<0.09	48.8	137	0.35	--	664	0.058	12.57
SDW 436-M01-06WT-D	8/26/2004	<0.09	44.6	139	0.33	--	662	0.055	12.62
SDW 436-M01-07O	8/26/2004	<0.09	37.8	107	0.59	--	549	<0.05	17.57

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 436-M01-08GY	8/26/2004	<0.09	11.8	112	11.64	--	685	<0.05	16.89
SDW 436-M01-09Y	8/26/2004	<0.09	9.5	94	36.35	--	817	<0.05	15.62
SDW 436-M01-10P	8/26/2004	<0.09	19.9	170	19.13	--	1167	<0.05	9.79
SDW 436-M01-11GN	8/26/2004	<0.09	19.8	262	2.64	--	1585	<0.05	4.64
SDW 436-M01-12R	8/26/2004	<0.09	29.1	165	3.53	--	990	<0.05	3.58
SDW 436-M01-13BU	8/26/2004	<0.09	28.0	202	3.87	--	586	<0.05	<2.4
SDW 436-M01-14BK	8/26/2004	<0.09	37.9	287	0.14	--	357	<0.05	2.90
SDW 436-M01-15W	8/26/2004	<0.09	17.9	95	0.04	--	301	<0.05	4.52
SDW 469-M01-01PT	9/27/1995	--	--	--	--	--	--	--	--
SDW 469-M01-02GNT	9/27/1995	0.6	385.7	166	0.44	--	2293	<0.51	131.45
SDW 469-M01-03RT	9/27/1995	0.4	374.7	157	0.36	--	2232	<0.51	141.75
SDW 469-M01-04BUT	9/27/1995	0.3	418.4	162	0.43	--	2483	<0.51	125.57
SDW 469-M01-05BKT	9/27/1995	0.4	305.9	86	0.49	--	2226	<0.51	155.31
SDW 469-M01-06WT	9/27/1995	0.3	269.7	144	1.02	--	1612	<0.51	106.08
SDW 469-M01-07O	9/27/1995	0.4	237.9	196	1.01	--	2408	<0.51	89.29
SDW 469-M01-08GY	9/27/1995	0.5	267.0	200	1.49	--	2853	<0.51	76.67
SDW 469-M01-09Y	9/27/1995	1.0	253.6	122	2.06	--	2329	<0.51	87.01
SDW 469-M01-10P	9/27/1995	1.4	300.8	130	2.26	--	2227	<0.51	89.39
SDW 469-M01-11GN	9/27/1995	0.4	292.1	218	2.63	--	2444	<0.51	63.24
SDW 469-M01-12R	9/27/1995	0.8	139.6	235	1.90	--	2848	<0.51	32.91
SDW 469-M01-13BU	9/27/1995	0.2	62.5	102	1.24	--	1255	<0.51	10.24
SDW 469-M01-14BK	9/27/1995	0.2	22.4	199	0.82	--	556	<0.51	5.27
SDW 469-M01-15W	9/27/1995	<0.2	24.0	142	<0.20	--	370	<0.51	4.84
SDW 469-M01-01PT	11/28/1995	--	--	--	--	--	--	--	--

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-02GNT	11/28/1995	0.3	296.5	191	0.49	--	2114	<0.51	119.32
SDW 469-M01-03RT	11/28/1995	<0.2	317.3	248	0.42	--	2289	<0.51	112.64
SDW 469-M01-03RT-R	11/28/1995	0.3	259.1	232	0.41	--	2305	<0.51	113.60
SDW 469-M01-03RT-X	11/28/1995	0.3	61.0	3	<0.20	--	4652	<0.51	109.29
SDW 469-M01-04BUT	11/28/1995	<0.2	324.9	200	0.32	--	1959	<0.51	136.24
SDW 469-M01-05BKT	11/28/1995	<0.2	331.7	117	0.61	--	2293	<0.51	121.94
SDW 469-M01-06WT	11/28/1995	0.2	233.9	110	0.87	--	2350	<0.51	195.46
SDW 469-M01-06WT-R	11/28/1995	0.3	192.3	104	0.83	--	2378	<0.51	195.65
SDW 469-M01-06WT-X	11/28/1995	0.3	25.4	4	<0.20	--	3835	<0.51	195.51
SDW 469-M01-07O	11/28/1995	0.2	196.9	119	0.62	--	2415	<0.51	201.83
SDW 469-M01-08GY	11/28/1995	0.2	170.3	169	1.17	--	2207	<0.51	90.28
SDW 469-M01-09Y	11/28/1995	0.2	235.1	160	2.33	--	2477	<0.51	76.52
SDW 469-M01-10P	11/28/1995	0.3	285.2	136	1.98	--	2606	<0.51	72.25
SDW 469-M01-11GN	11/28/1995	0.3	203.1	152	1.55	--	2410	<0.51	72.59
SDW 469-M01-11GN-D	11/28/1995	0.2	232.3	158	1.58	--	2383	<0.51	72.89
SDW 469-M01-12R	11/28/1995	0.3	154.1	193	1.39	--	2227	<0.51	38.73
SDW 469-M01-12R-R	11/28/1995	0.4	118.9	183	1.34	--	2247	<0.51	38.79
SDW 469-M01-12R-X	11/28/1995	0.3	63.2	83	0.60	--	3317	<0.51	37.80
SDW 469-M01-13BU	11/28/1995	0.3	84.1	130	1.46	--	2048	<0.51	12.56
SDW 469-M01-14BK	11/28/1995	<0.2	29.7	151	0.44	--	483	<0.51	7.94
SDW 469-M01-15W	11/28/1995	<0.2	41.9	131	<0.20	--	484	<0.51	7.19
SDW 469-M01-01PT	1/25/1996	--	--	--	--	--	--	--	--
SDW 469-M01-02GNT	1/25/1996	0.3	241.9	199	0.50	--	2006	<0.51	106.69
SDW 469-M01-02GNT-D	1/25/1996	0.3	208.2	187	0.45	--	2130	<0.51	107.36
SDW 469-M01-03RT	1/25/1996	0.3	272.5	156	0.33	--	1472	<0.51	120.73

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-03RT-X	1/25/1996	0.3	254.0	143	<0.20	--	1757	<0.51	121.54
SDW 469-M01-04BUT	1/25/1996	<0.2	367.3	145	0.45	--	1884	<0.51	139.12
SDW 469-M01-05BKT	1/25/1996	0.3	359.9	126	0.82	--	2022	<0.51	139.83
SDW 469-M01-06WT	1/25/1996	0.3	408.4	116	0.92	--	2087	<0.51	138.10
SDW 469-M01-06WT-X	1/25/1996	0.3	319.7	117	0.49	--	2332	<0.51	140.16
SDW 469-M01-07O	1/25/1996	0.3	301.6	121	0.90	--	2210	<0.51	190.69
SDW 469-M01-08GY	1/25/1996	0.4	144.1	172	1.15	--	2015	0.544	152.22
SDW 469-M01-09Y	1/25/1996	0.3	158.2	153	2.26	--	1958	<0.51	75.81
SDW 469-M01-10P	1/25/1996	0.3	178.7	138	1.93	--	2169	<0.51	66.59
SDW 469-M01-11GN	1/25/1996	0.3	156.9	156	1.45	--	2019	<0.51	68.34
SDW 469-M01-11GN-D	1/25/1996	0.3	149.7	147	1.41	--	2118	<0.51	69.83
SDW 469-M01-12R	1/25/1996	0.3	150.0	133	0.74	--	2040	<0.51	55.82
SDW 469-M01-12R-X	1/25/1996	0.3	152.3	133	0.25	--	2258	<0.51	54.65
SDW 469-M01-13BU	1/25/1996	0.3	58.1	114	1.38	--	1469	<0.51	11.86
SDW 469-M01-14BK	1/25/1996	<0.2	33.1	95	0.44	--	648	<0.51	10.11
SDW 469-M01-15W	1/25/1996	<0.2	37.5	149	0.27	--	519	<0.51	9.39
SDW 469-M01-01PT	3/21/1996	--	--	--	--	--	--	--	--
SDW 469-M01-02GNT	3/21/1996	0.6	178.9	100	0.23	--	1527	<0.51	132.74
SDW 469-M01-03RT	3/21/1996	0.3	275.9	118	0.28	--	1485	<0.51	124.53
SDW 469-M01-03RT-D	3/21/1996	0.2	296.1	128	0.39	--	1589	<0.51	132.72
SDW 469-M01-03RT-X	3/21/1996	0.3	81.9	3	<0.20	--	2823	<0.51	120.19
SDW 469-M01-04BUT	3/21/1996	0.3	430.0	139	0.60	--	2054	<0.51	137.12
SDW 469-M01-05BKT	3/21/1996	0.3	344.8	150	0.86	--	2211	<0.51	113.54
SDW 469-M01-06WT	3/21/1996	0.3	305.3	105	0.74	--	2079	<0.51	129.74
SDW 469-M01-06WT-X	3/21/1996	0.3	86.8	3	<0.20	--	3532	<0.51	126.73

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-07O	3/21/1996	0.4	92.1	10	<0.20	--	3722	<0.51	179.06
SDW 469-M01-08GY	3/21/1996	0.4	196.0	175	1.09	--	2172	<0.51	164.26
SDW 469-M01-09Y	3/21/1996	0.3	138.2	174	2.13	--	2264	<0.51	99.16
SDW 469-M01-10P	3/21/1996	0.3	179.7	176	2.30	--	2364	<0.51	80.43
SDW 469-M01-11GN	3/21/1996	0.3	130.8	166	1.52	--	2299	<0.51	87.24
SDW 469-M01-12R	3/21/1996	0.2	110.0	142	0.77	--	994	<0.51	67.51
SDW 469-M01-12R-D	3/21/1996	0.2	121.4	155	0.84	--	1069	<0.51	73.67
SDW 469-M01-12R-X	3/21/1996	0.2	54.5	53	0.31	--	2132	<0.51	73.82
SDW 469-M01-13BU	3/21/1996	<0.2	41.2	61	0.49	--	610	<0.51	16.49
SDW 469-M01-14BK	3/21/1996	<0.2	24.0	147	0.71	--	518	<0.51	7.73
SDW 469-M01-15W	3/21/1996	<0.2	17.9	83	<0.20	--	227	<0.51	6.89
SDW 469-M01-01PT	5/15/1996	1.5	190.2	67	0.29	--	1004	<0.51	164.91
SDW 469-M01-02GNT	5/15/1996	0.7	212.9	148	0.36	--	1776	<0.51	145.25
SDW 469-M01-03RT	5/15/1996	0.2	273.6	133	0.42	--	1780	<0.51	118.31
SDW 469-M01-03RT-X	5/15/1996	<0.2	89.7	23	<0.20	--	3143	<0.51	118.46
SDW 469-M01-04BUT	5/15/1996	0.3	443.3	163	0.76	--	2490	<0.51	145.38
SDW 469-M01-05BKT	5/15/1996	0.3	364.4	202	1.07	--	3037	<0.51	125.29
SDW 469-M01-05BKT-D	5/15/1996	0.3	396.2	199	1.06	--	2994	<0.51	123.35
SDW 469-M01-06WT	5/15/1996	0.4	321.8	134	0.81	--	2542	<0.51	148.27
SDW 469-M01-06WT-X	5/15/1996	0.3	34.3	<1.65	<0.20	--	4348	<0.51	139.04
SDW 469-M01-07O	5/15/1996	0.5	540.0	91	0.42	--	2748	<0.51	204.91
SDW 469-M01-08GY	5/15/1996	0.3	330.1	243	1.60	--	2739	<0.51	146.14
SDW 469-M01-09Y	5/15/1996	0.3	133.2	122	1.42	--	1762	<0.51	138.95
SDW 469-M01-10P	5/15/1996	0.2	199.1	115	1.59	--	1414	<0.51	152.72
SDW 469-M01-11GN	5/15/1996	0.3	147.9	160	1.53	--	1384	<0.51	130.98

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-12R	5/15/1996	<0.2	100.5	74	0.44	--	801	<0.51	94.41
SDW 469-M01-12R-X	5/15/1996	<0.2	<10.2	<1.65	<0.20	--	1940	<0.51	91.03
SDW 469-M01-13BU	5/15/1996	<0.2	45.4	45	0.44	--	661	<0.51	17.08
SDW 469-M01-14BK	5/15/1996	<0.2	28.2	143	0.68	--	340	<0.51	8.20
SDW 469-M01-14BK-D	5/15/1996	<0.2	29.6	132	0.63	--	318	<0.51	7.71
SDW 469-M01-15W	5/15/1996	<0.2	32.4	101	<0.20	--	217	<0.51	6.52
SDW 469-M01-01PT	7/25/1996	0.4	212.2	160	0.46	--	1688	<0.51	131.89
SDW 469-M01-02GNT	7/25/1996	1.0	173.2	97	<0.20	--	940	<0.51	134.80
SDW 469-M01-03RT	7/25/1996	<0.2	171.5	77	0.28	--	1273	<0.51	139.01
SDW 469-M01-03RT-X	7/25/1996	<0.2	124.9	4	<0.20	--	1941	<0.51	133.15
SDW 469-M01-04BUT	7/25/1996	<0.2	248.0	100	0.44	--	1563	<0.51	126.40
SDW 469-M01-05BKT	7/25/1996	<0.2	226.5	117	0.55	--	1858	<0.51	133.78
SDW 469-M01-05BKT-D	7/25/1996	0.3	198.8	105	0.50	--	1691	<0.51	119.57
SDW 469-M01-06WT	7/25/1996	0.2	161.2	96	0.48	--	1774	<0.51	134.64
SDW 469-M01-06WT-X	7/25/1996	<0.2	77.4	<1.65	<0.20	--	2831	<0.51	135.69
SDW 469-M01-07O	7/25/1996	<0.2	321.4	55	0.25	--	1680	<0.51	132.10
SDW 469-M01-08GY	7/25/1996	0.4	209.9	104	0.87	--	1417	<0.51	143.25
SDW 469-M01-09Y	7/25/1996	<0.2	121.8	101	1.29	--	1151	<0.51	170.72
SDW 469-M01-10P	7/25/1996	0.3	248.4	81	1.64	--	502	<0.51	89.68
SDW 469-M01-11GN	7/25/1996	<0.2	85.1	90	1.02	--	660	<0.51	97.23
SDW 469-M01-12R	7/25/1996	<0.2	82.8	73	0.54	--	497	<0.51	52.35
SDW 469-M01-12R-X	7/25/1996	<0.2	<10.2	<1.65	<0.20	--	1559	<0.51	55.18
SDW 469-M01-13BU	7/25/1996	<0.2	36.7	45	0.58	--	447	<0.51	10.98
SDW 469-M01-14BK	7/25/1996	<0.2	<10.2	106	0.55	--	215	<0.51	4.94
SDW 469-M01-14BK-D	7/25/1996	<0.2	11.8	117	0.59	--	247	<0.51	7.79

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-15W	7/25/1996	<0.2	19.2	111	<0.20	--	188	<0.51	6.25
SDW 469-M01-01PT	11/6/1996	0.4	133.5	55	0.24	--	568	<0.51	110.28
SDW 469-M01-01PT-D	11/6/1996	0.3	123.8	49	<0.20	--	506	<0.51	101.45
SDW 469-M01-02GNT	11/6/1996	<0.2	273.1	234	0.36	--	1507	<0.51	104.72
SDW 469-M01-03RT	11/6/1996	0.3	128.7	56	0.21	--	560	<0.51	107.33
SDW 469-M01-03RT-X	11/6/1996	0.3	40.2	14	<0.20	--	1103	<0.51	103.65
SDW 469-M01-04BUT	11/6/1996	<0.2	202.9	109	0.41	--	938	<0.51	117.92
SDW 469-M01-05BKT	11/6/1996	<0.2	191.0	159	0.57	--	1197	<0.51	108.20
SDW 469-M01-06WT	11/6/1996	<0.2	219.4	257	0.83	--	1227	<0.51	84.82
SDW 469-M01-06WT-X	11/6/1996	<0.2	133.8	154	0.50	--	2175	<0.51	83.47
SDW 469-M01-07O	11/6/1996	0.2	235.0	76	0.33	--	1560	<0.51	123.32
SDW 469-M01-08GY	11/6/1996	<0.2	261.0	165	1.45	--	885	<0.51	112.44
SDW 469-M01-09Y	11/6/1996	<0.2	228.3	128	2.06	--	555	<0.51	92.92
SDW 469-M01-10P	11/6/1996	0.6	196.1	87	2.14	--	459	<0.51	69.01
SDW 469-M01-10P-D	11/6/1996	0.6	194.1	82	2.04	--	428	<0.51	66.03
SDW 469-M01-11GN	11/6/1996	<0.2	103.6	103	1.28	--	527	<0.51	70.24
SDW 469-M01-12R	11/6/1996	<0.2	65.6	61	0.53	--	620	<0.51	38.90
SDW 469-M01-12R-X	11/6/1996	<0.2	36.6	40	0.33	--	865	<0.51	38.93
SDW 469-M01-13BU	11/6/1996	<0.2	57.9	31	0.43	--	433	<0.51	13.00
SDW 469-M01-14BK	11/6/1996	0.2	<10.2	102	0.58	--	218	<0.51	5.87
SDW 469-M01-15W	11/6/1996	<0.2	20.4	138	0.61	--	247	<0.51	6.66
SDW 469-M01-01PT	2/3/1997	1.2	141.5	85	<0.20	--	1048	<0.51	154.62
SDW 469-M01-02GNT	2/3/1997	0.6	146.5	79	<0.20	--	611	<0.51	127.23
SDW 469-M01-03RT	2/3/1997	0.4	171.0	95	0.36	--	805	<0.51	106.17

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-03RT-X	2/3/1997	0.2	80.5	<1.65	<0.20	--	1804	<0.51	98.99
SDW 469-M01-04BUT	2/3/1997	0.3	146.0	67	0.22	--	863	<0.51	132.67
SDW 469-M01-05BKT	2/3/1997	0.2	182.5	128	0.44	--	1174	<0.51	109.84
SDW 469-M01-05BKT-D	2/3/1997	0.2	186.1	131	0.50	--	1213	<0.51	113.11
SDW 469-M01-06WT	2/3/1997	<0.2	210.0	149	0.47	--	1158	<0.51	118.84
SDW 469-M01-06WT-X	2/3/1997	<0.2	28.0	<1.65	<0.20	--	2760	<0.51	112.41
SDW 469-M01-07O	2/3/1997	0.3	265.5	166	0.63	--	1275	<0.51	95.05
SDW 469-M01-08GY	2/3/1997	<0.2	263.5	124	1.39	--	687	<0.51	93.55
SDW 469-M01-09Y	2/3/1997	<0.2	247.0	117	2.16	--	371	<0.51	88.89
SDW 469-M01-10P	2/3/1997	0.9	170.0	93	2.64	--	378	<0.51	71.40
SDW 469-M01-11GN	2/3/1997	0.3	133.5	95	1.40	--	641	<0.51	62.46
SDW 469-M01-12R	2/3/1997	0.2	57.5	75	0.69	--	635	<0.51	28.98
SDW 469-M01-12R-X	2/3/1997	<0.2	<10.2	<1.65	<0.20	--	1503	<0.51	28.60
SDW 469-M01-13BU	2/3/1997	<0.2	43.5	26	0.32	--	425	<0.51	13.37
SDW 469-M01-14BK	2/3/1997	<0.2	<10.2	108	0.47	--	237	<0.51	5.91
SDW 469-M01-14BK-D	2/3/1997	<0.2	16.8	110	0.51	--	243	<0.51	5.60
SDW 469-M01-15W	2/3/1997	0.5	17.0	131	<0.20	--	245	<0.51	5.30
SDW 469-M01-01PT	5/12/1997	1.4	117.3	53	<0.20	--	648	<0.51	179.09
SDW 469-M01-02GNT	5/12/1997	0.4	142.2	74	<0.20	--	475	<0.51	106.05
SDW 469-M01-03RT	5/12/1997	0.6	122.2	68	0.32	--	588	<0.51	107.33
SDW 469-M01-04BUT	5/12/1997	0.2	129.0	65	0.26	--	602	<0.51	104.58
SDW 469-M01-05BKT	5/12/1997	0.2	144.1	77	0.32	--	821	<0.51	110.81
SDW 469-M01-06WT	5/12/1997	<0.2	158.8	87	0.37	--	832	<0.51	111.23
SDW 469-M01-06WT-X	5/12/1997	<0.2	88.9	54	0.23	--	1221	<0.51	112.62
SDW 469-M01-07O	5/12/1997	1.2	206.2	96	0.47	--	912	<0.51	114.68

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-08GY	5/12/1997	0.2	196.3	100	1.31	--	586	<0.51	102.09
SDW 469-M01-09Y	5/12/1997	0.4	214.0	97	2.16	--	329	<0.51	88.16
SDW 469-M01-09Y-D	5/12/1997	0.4	205.8	91	2.05	--	309	<0.51	82.46
SDW 469-M01-10P	5/12/1997	1.2	171.5	90	3.03	--	356	<0.51	65.78
SDW 469-M01-11GN	5/12/1997	0.3	117.5	106	1.86	--	407	<0.51	52.38
SDW 469-M01-12R	5/12/1997	0.3	71.3	77	0.92	--	636	<0.51	27.95
SDW 469-M01-12R-X	5/12/1997	0.3	16.1	20	0.26	--	1213	<0.51	28.06
SDW 469-M01-13BU	5/12/1997	<0.2	44.9	34	0.46	--	357	<0.51	14.80
SDW 469-M01-14BK	5/12/1997	<0.2	14.0	119	0.49	--	227	<0.51	6.44
SDW 469-M01-15W	5/12/1997	<0.2	21.4	151	<0.20	--	261	<0.51	7.07
SDW 469-M01-01PT	8/5/1997	1.2	139.3	66	<0.20	--	619	<0.51	156.28
SDW 469-M01-01PT-D	8/5/1997	1.2	132.0	65	<0.20	--	626	<0.51	160.62
SDW 469-M01-02GNT	8/5/1997	<0.2	280.6	324	0.96	--	726	<0.51	45.59
SDW 469-M01-03RT	8/5/1997	<0.2	175.4	154	0.64	--	593	<0.51	93.28
SDW 469-M01-03RT-X	8/5/1997	<0.2	123.5	8	<0.20	--	1994	<0.51	94.90
SDW 469-M01-04BUT	8/5/1997	<0.2	135.4	62	0.25	--	489	<0.51	103.26
SDW 469-M01-05BKT	8/5/1997	<0.2	148.2	77	0.34	--	564	<0.51	99.27
SDW 469-M01-06WT	8/5/1997	<0.2	163.0	74	0.35	--	542	<0.51	94.71
SDW 469-M01-06WT-X	8/5/1997	<0.2	38.0	0	<0.20	--	1491	<0.51	91.37
SDW 469-M01-07O	8/5/1997	<0.2	215.9	91	0.46	--	747	<0.51	105.75
SDW 469-M01-08GY	8/5/1997	<0.2	179.3	81	1.24	--	551	<0.51	89.75
SDW 469-M01-09Y	8/5/1997	<0.2	172.4	80	1.22	--	543	<0.51	88.83
SDW 469-M01-10P	8/5/1997	0.8	239.1	113	2.91	--	411	<0.51	76.86
SDW 469-M01-10P-D	8/5/1997	0.7	220.0	112	2.87	--	412	<0.51	78.40
SDW 469-M01-11GN	8/5/1997	1.8	164.5	98	3.70	--	325	<0.51	57.99

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-12R	8/5/1997	0.4	104.7	102	2.20	--	448	<0.51	51.81
SDW 469-M01-12R-X	8/5/1997	<0.2	0.0	0	<0.20	--	1660	<0.51	52.16
SDW 469-M01-13BU	8/5/1997	<0.2	41.0	61	0.75	--	540	<0.51	11.24
SDW 469-M01-14BK	8/5/1997	<0.2	18.3	98	0.32	--	213	<0.51	6.64
SDW 469-M01-15W	8/5/1997	<0.2	26.2	160	<0.20	--	298	<0.51	7.34
SDW 469-M01-01PT	10/27/1997	0.9	154.0	78	<0.20	--	425	<0.51	133.68
SDW 469-M01-01PT-D	10/27/1997	0.9	149.7	79	<0.20	--	420	<0.51	137.19
SDW 469-M01-02GNT	10/27/1997	0.5	153.0	66	<0.20	--	332	<0.51	93.72
SDW 469-M01-03RT	10/27/1997	0.7	120.9	64	0.26	--	381	<0.51	126.84
SDW 469-M01-03RT-X	10/27/1997	<0.2	31.7	<1.65	<0.20	--	1127	<0.51	121.86
SDW 469-M01-04BUT	10/27/1997	<0.2	150.5	72	0.28	--	393	<0.51	87.14
SDW 469-M01-05BKT	10/27/1997	0.2	157.9	76	0.37	--	464	<0.51	82.00
SDW 469-M01-06WT	10/27/1997	<0.2	178.6	74	0.38	--	479	<0.51	76.05
SDW 469-M01-06WT-X	10/27/1997	<0.2	18.1	<1.65	<0.20	--	1450	<0.51	74.73
SDW 469-M01-07O	10/27/1997	<0.2	194.2	83	0.46	--	576	<0.51	102.01
SDW 469-M01-08GY	10/27/1997	0.5	178.6	87	1.54	--	422	<0.51	77.70
SDW 469-M01-09Y	10/27/1997	1.1	190.3	92	2.64	--	330	<0.51	72.28
SDW 469-M01-10P	10/27/1997	1.9	135.2	78	3.05	--	430	<0.51	58.71
SDW 469-M01-10P-D	10/27/1997	1.9	129.3	78	3.15	--	416	<0.51	58.47
SDW 469-M01-11GN	10/27/1997	0.5	165.1	52	1.33	--	520	<0.51	53.54
SDW 469-M01-12R	10/27/1997	0.4	71.1	55	0.71	--	556	<0.51	26.71
SDW 469-M01-12R-X	10/27/1997	<0.2	<10.2	<1.65	<0.20	--	1559	<0.51	25.99
SDW 469-M01-13BU	10/27/1997	<0.2	24.9	59	0.58	--	490	<0.51	13.57
SDW 469-M01-14BK	10/27/1997	<0.2	11.4	93	0.26	--	203	<0.51	6.80
SDW 469-M01-15W	10/27/1997	<0.2	23.1	153	<0.20	--	289	<0.51	5.71

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-01PT	5/7/1998	0.8	116.3	66	<0.20	--	265	<0.51	135.08
SDW 469-M01-02GNT	5/7/1998	<0.2	130.9	86	0.26	--	269	<0.51	66.08
SDW 469-M01-03RT	5/7/1998	<0.2	166.3	144	0.52	--	462	<0.51	80.17
SDW 469-M01-03RT-X	5/7/1998	<0.2	41.2	12	<0.20	--	1738	<0.51	81.33
SDW 469-M01-04BUT	5/7/1998	<0.2	139.4	90	0.35	--	436	<0.51	70.53
SDW 469-M01-05BKT	5/7/1998	<0.2	138.6	83	0.44	--	476	<0.51	68.55
SDW 469-M01-06WT	5/7/1998	<0.2	141.9	84	0.43	--	481	<0.51	63.23
SDW 469-M01-06WT-X	5/7/1998	<0.2	21.0	7	<0.20	--	1411	<0.51	63.35
SDW 469-M01-07O	5/7/1998	0.3	170.1	99	0.59	--	394	<0.51	77.77
SDW 469-M01-08GY	5/7/1998	1.3	143.2	87	1.92	--	323	<0.51	66.18
SDW 469-M01-08GY-D	5/7/1998	1.2	127.3	87	1.93	--	323	<0.51	65.76
SDW 469-M01-09Y	5/7/1998	2.1	202.9	78	2.60	--	343	<0.51	69.88
SDW 469-M01-10P	5/7/1998	3.6	153.7	71	3.12	--	506	<0.51	54.54
SDW 469-M01-11GN	5/7/1998	1.0	93.3	59	1.83	--	699	<0.51	46.73
SDW 469-M01-12R	5/7/1998	0.5	43.6	43	0.53	--	533	<0.51	27.86
SDW 469-M01-12R-X	5/7/1998	<0.2	17.9	8	<0.20	--	1011	<0.51	28.89
SDW 469-M01-13BU	5/7/1998	<0.2	15.9	58	0.27	--	364	<0.51	18.12
SDW 469-M01-14BK	5/7/1998	<0.2	14.9	93	<0.20	--	197	<0.51	5.88
SDW 469-M01-15W	5/7/1998	<0.2	31.3	148	<0.20	--	290	<0.51	7.22
SDW 469-M01-01PT	10/29/1998	0.7	149.7	87	<0.20	--	202	<0.51	122.30
SDW 469-M01-02GNT	10/29/1998	0.3	137.2	73	0.52	--	378	<0.51	65.85
SDW 469-M01-03RT	10/29/1998	0.5	142.2	73	0.27	--	318	<0.51	95.09
SDW 469-M01-03RT-X	10/29/1998	<0.2	22.6	3	<0.20	--	1254	<0.51	91.71
SDW 469-M01-04BUT	10/29/1998	<0.2	124.6	84	0.45	--	465	<0.51	56.82

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-05BKT	10/29/1998	<0.2	148.2	113	0.70	--	686	<0.51	52.39
SDW 469-M01-06WT	10/29/1998	<0.2	139.2	88	0.54	--	747	<0.51	52.57
SDW 469-M01-06WT-X	10/29/1998	<0.2	84.4	53	0.32	--	1175	<0.51	53.89
SDW 469-M01-07O	10/29/1998	0.5	188.4	95	0.72	--	530	<0.51	70.48
SDW 469-M01-08GY	10/29/1998	0.2	108.5	80	2.22	--	404	<0.51	53.32
SDW 469-M01-08GY-D	10/29/1998	0.2	114.5	86	2.34	--	434	<0.51	54.87
SDW 469-M01-09Y	10/29/1998	3.6	175.8	78	3.29	--	363	<0.51	65.28
SDW 469-M01-10P	10/29/1998	5.4	104.5	77	3.06	--	501	<0.51	52.34
SDW 469-M01-11GN	10/29/1998	1.7	52.2	71	2.14	--	703	<0.51	42.62
SDW 469-M01-12R	10/29/1998	1.7	33.2	108	1.10	--	804	<0.51	25.23
SDW 469-M01-12R-X	10/29/1998	<0.2	14.1	5	<0.20	--	1860	<0.51	26.19
SDW 469-M01-13BU	10/29/1998	<0.2	<10.2	57	0.30	--	349	<0.51	18.36
SDW 469-M01-14BK	10/29/1998	<0.2	<10.2	104	<0.20	--	211	<0.51	4.45
SDW 469-M01-15W	10/29/1998	<0.2	13.1	143	<0.20	--	270	<0.51	6.56
SDW 469-M01-01PT	7/1/1999	0.6	141.2	85	<0.20	--	208	<0.51	102.31
SDW 469-M01-02GNT	7/1/1999	0.2	122.5	73	0.45	--	202	<0.51	55.86
SDW 469-M01-03RT	7/1/1999	0.4	133.3	71	0.33	--	339	<0.51	72.15
SDW 469-M01-03RT-X	7/1/1999	<0.2	31.6	<1.65	<0.20	--	1245	<0.51	72.40
SDW 469-M01-04BUT	7/1/1999	<0.2	127.7	82	0.51	--	442	<0.51	51.13
SDW 469-M01-05BKT	7/1/1999	<0.2	129.1	64	0.45	--	583	<0.51	55.28
SDW 469-M01-05BKT-D	7/1/1999	<0.2	124.2	63	0.44	--	580	<0.51	55.05
SDW 469-M01-06WT	7/1/1999	0.2	101.0	56	0.36	--	589	<0.51	49.51
SDW 469-M01-06WT-X	7/1/1999	0.4	<10.2	<1.65	<0.20	--	1658	<0.51	52.93
SDW 469-M01-07O	7/1/1999	<0.2	151.7	61	0.57	--	601	<0.51	57.61
SDW 469-M01-08GY	7/1/1999	0.6	110.4	62	2.13	--	394	<0.51	39.83

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-09Y	7/1/1999	4.5	104.8	67	2.97	--	433	<0.51	61.49
SDW 469-M01-10P	7/1/1999	6.1	78.8	60	2.12	--	715	<0.51	51.22
SDW 469-M01-11GN	7/1/1999	2.6	41.3	62	1.85	--	781	<0.51	41.57
SDW 469-M01-12R	7/1/1999	1.7	26.7	102	0.74	--	740	<0.51	25.72
SDW 469-M01-13BU	7/1/1999	<0.2	15.6	108	0.90	--	457	<0.51	12.37
SDW 469-M01-14BK	7/1/1999	<0.2	21.9	129	0.20	--	232	<0.51	3.49
SDW 469-M01-15W	7/1/1999	<0.2	23.9	146	<0.20	--	264	<0.51	6.47
SDW 469-M01-01PT	5/24/2000	1.9	110.8	55	<0.20	<0.02	155	0.075	106.67
SDW 469-M01-01PT-D	5/24/2000	0.8	107.7	52	<0.20	<0.02	151	0.069	97.34
SDW 469-M01-02GNT	5/24/2000	0.3	125.5	72	0.69	<0.02	156	0.164	53.12
SDW 469-M01-03RT	5/24/2000	0.2	119.5	57	0.38	<0.02	223	0.079	60.06
SDW 469-M01-03RT-X	5/24/2000	0.1	129.5	27	<0.20	<0.02	884	<0.51	66.18
SDW 469-M01-04BUT	5/24/2000	<0.09	107.4	66	0.44	<0.02	347	0.087	49.43
SDW 469-M01-05BKT	5/24/2000	0.3	165.1	76	0.54	<0.02	562	0.093	56.91
SDW 469-M01-06WT	5/24/2000	0.2	124.0	62	0.43	<0.02	458	0.072	40.33
SDW 469-M01-06WT-X	5/24/2000	0.1	80.2	5	<0.20	<0.02	1306	<0.51	45.57
SDW 469-M01-07O	5/24/2000	0.3	132.6	60	0.61	<0.02	571	0.097	46.95
SDW 469-M01-08GY	5/24/2000	2.4	91.7	88	3.33	<0.02	584	0.182	32.93
SDW 469-M01-08GY-D	5/24/2000	2.5	95.3	90	3.41	<0.02	614	0.185	33.72
SDW 469-M01-09Y	5/24/2000	8.2	70.8	88	4.01	<0.02	499	0.156	48.41
SDW 469-M01-10P	5/24/2000	9.7	45.0	78	2.09	<0.02	587	0.104	58.66
SDW 469-M01-11GN	5/24/2000	3.7	25.8	62	1.55	<0.02	923	0.083	37.67
SDW 469-M01-12R	5/24/2000	1.7	16.3	91	0.50	<0.02	1021	0.071	24.59
SDW 469-M01-13BU	5/24/2000	<0.09	13.0	189	0.78	<0.02	799	0.050	9.09
SDW 469-M01-14BK	5/24/2000	<0.09	14.6	85	<0.20	<0.02	185	<0.05	3.45

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-15W	5/24/2000	<0.09	24.5	137	<0.20	<0.02	229	<0.05	4.41
SDW 469-M01-01PT	8/29/2001	0.7	119.1	55	0.08	<0.02	113	<0.05	104.49
SDW 469-M01-02GNT	8/29/2001	0.1	116.5	54	0.44	<0.02	168	<0.05	61.02
SDW 469-M01-03RT	8/29/2001	<0.09	81.8	82	0.54	<0.02	328	<0.05	44.74
SDW 469-M01-04BUT	8/29/2001	0.6	120.6	55	0.06	<0.02	111	<0.05	105.92
SDW 469-M01-05BKT	8/29/2001	0.2	91.7	59	0.41	<0.02	435	<0.05	37.52
SDW 469-M01-06WT	8/29/2001	0.2	97.0	54	0.40	<0.02	485	<0.05	33.48
SDW 469-M01-07O	8/29/2001	<0.09	99.2	62	0.87	<0.02	432	<0.05	28.09
SDW 469-M01-07O-D	8/29/2001	<0.09	100.0	62	0.87	<0.02	437	<0.05	28.65
SDW 469-M01-08GY	8/29/2001	<0.09	52.4	42	1.38	<0.02	659	<0.05	30.67
SDW 469-M01-09Y	8/29/2001	0.4	28.6	31	1.20	<0.02	872	<0.05	24.67
SDW 469-M01-10P	8/29/2001	14.9	34.9	96	1.88	<0.02	1148	<0.05	45.95
SDW 469-M01-11GN	8/29/2001	14.5	23.2	128	2.49	<0.02	962	<0.05	29.27
SDW 469-M01-12R	8/29/2001	<0.09	14.8	193	0.83	<0.02	632	<0.05	11.57
SDW 469-M01-13BU	8/29/2001	<0.09	9.9	170	0.66	<0.02	291	<0.05	7.71
SDW 469-M01-14BK	8/29/2001	<0.09	27.1	294	0.38	<0.02	362	<0.05	2.48
SDW 469-M01-15W	8/29/2001	<0.09	24.3	136	0.20	<0.02	229	<0.05	4.44
SDW 469-M01-02GNT	6/20/2002	0.1	102.3	59	0.42	<0.02	119	0.094	48.53
SDW 469-M01-03RT	6/20/2002	0.1	66.6	53	0.42	<0.02	222	0.069	41.05
SDW 469-M01-03RT-X	6/20/2002	0.4	133.4	<4.11	<0.20	<0.02	1023	0.052	44.79
SDW 469-M01-04BUT	6/20/2002	<0.09	80.5	67	0.58	<0.02	256	0.085	31.48
SDW 469-M01-05BKT	6/20/2002	0.1	103.4	74	0.64	<0.02	332	0.090	29.78
SDW 469-M01-06WT	6/20/2002	0.1	105.1	86	0.79	<0.02	340	0.105	23.07
SDW 469-M01-06WT-X	6/20/2002	0.5	144.9	<4.11	0.06	<0.02	1385	0.076	28.59

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-07O	6/20/2002	0.4	98.1	64	1.16	<0.02	285	0.126	26.22
SDW 469-M01-08GY	6/20/2002	0.8	45.6	56	1.94	<0.02	419	0.138	29.56
SDW 469-M01-09Y	6/20/2002	3.0	26.2	66	2.11	<0.02	633	0.104	35.75
SDW 469-M01-10P	6/20/2002	10.2	20.2	53	1.11	<0.02	796	0.065	54.12
SDW 469-M01-11GN	6/20/2002	10.1	14.8	66	1.29	<0.02	728	0.069	39.32
SDW 469-M01-11GN-D	6/20/2002	10.2	13.8	58	1.33	<0.02	665	0.074	40.19
SDW 469-M01-12R	6/20/2002	<0.09	9.9	52	0.25	<0.02	450	<0.05	21.35
SDW 469-M01-13BU	6/20/2002	<0.09	13.4	100	0.31	<0.02	379	<0.05	10.48
SDW 469-M01-14BK	6/20/2002	<0.09	17.6	91	0.14	<0.02	194	<0.05	6.82
SDW 469-M01-15W	6/20/2002	<0.09	21.7	149	<0.20	<0.02	191	<0.05	7.07
SDW 469-M01-01PT	6/3/2003	0.7	86.4	58	<0.20	--	87	<0.05	84.94
SDW 469-M01-02GNT	6/3/2003	0.2	90.9	57	0.36	--	90	0.090	88.11
SDW 469-M01-03RT	6/3/2003	0.1	51.2	50	0.57	--	168	0.083	45.46
SDW 469-M01-03RT-X	6/3/2003	0.1	14.4	23	0.24	--	714	<0.05	45.59
SDW 469-M01-04BUT	6/3/2003	<0.09	56.6	66	0.65	--	240	0.087	32.87
SDW 469-M01-05BKT	6/3/2003	0.1	65.2	58	0.54	--	344	0.075	33.38
SDW 469-M01-05BKT-D	6/3/2003	0.1	77.6	62	0.54	--	406	0.073	33.48
SDW 469-M01-06WT	6/3/2003	<0.09	67.9	62	0.63	--	367	0.097	24.46
SDW 469-M01-06WT-X	6/3/2003	0.1	16.0	21	0.22	--	980	<0.05	24.26
SDW 469-M01-07O	6/3/2003	0.7	70.0	52	1.10	--	355	0.109	26.98
SDW 469-M01-07O-D	6/3/2003	0.7	81.7	56	1.12	--	415	0.112	27.86
SDW 469-M01-08GY	6/3/2003	2.6	42.1	73	2.38	--	436	0.175	27.77
SDW 469-M01-09Y	6/3/2003	5.3	16.7	84	2.10	--	767	0.099	41.10
SDW 469-M01-10P	6/3/2003	20.1	15.2	96	1.66	--	1023	0.060	47.27
SDW 469-M01-10P-X	6/3/2003	5.5	<3.8	25	0.46	--	1516	<0.05	42.46

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 469-M01-11GN	6/3/2003	20.4	11.1	98	1.45	--	913	0.072	23.19
SDW 469-M01-12R	6/3/2003	<0.09	14.8	136	0.64	--	660	0.065	14.87
SDW 469-M01-13BU	6/3/2003	<0.09	17.4	166	0.55	--	345	<0.05	7.28
SDW 469-M01-14BK	6/3/2003	<0.09	23.0	109	0.12	--	258	<0.05	5.16
SDW 469-M01-15W	6/3/2003	<0.09	22.6	123	<0.20	--	248	<0.05	4.83
SDW 469-M01-01PT	7/30/2004	0.5	113.8	66	<0.20	--	92	<0.05	89.37
SDW 469-M01-02GNT	7/30/2004	0.1	105.5	57	0.26	--	173	0.063	55.47
SDW 469-M01-03RT	7/30/2004	<0.09	64.3	52	0.95	--	318	0.094	41.26
SDW 469-M01-03RT-X	7/30/2004	0.3	5.3	<4.11	<0.20	--	1078	<0.05	40.81
SDW 469-M01-04BUT	7/30/2004	<0.09	57.0	65	0.74	--	172	0.087	27.97
SDW 469-M01-05BKT	7/30/2004	0.2	50.1	35	0.30	--	307	<0.05	31.05
SDW 469-M01-06WT	7/30/2004	0.1	49.8	32	0.36	--	345	0.087	24.57
SDW 469-M01-06WT-X	7/30/2004	0.1	5.8	<4.11	<0.20	--	796	<0.05	23.86
SDW 469-M01-07O	7/30/2004	1.1	65.3	55	1.08	--	442	0.116	24.05
SDW 469-M01-07O-D	7/30/2004	1.1	64.8	54	1.04	--	432	0.111	23.09
SDW 469-M01-08GY	7/30/2004	4.3	47.7	73	2.13	--	619	0.172	28.35
SDW 469-M01-09Y	7/30/2004	7.9	17.8	94	2.09	--	870	0.106	43.36
SDW 469-M01-10P	7/30/2004	39.9	16.3	204	2.55	--	1284	0.106	25.63
SDW 469-M01-10P-X	7/30/2004	2.7	<3.8	8	<0.20	--	2491	<0.05	26.43
SDW 469-M01-11GN	7/30/2004	<0.09	29.8	285	1.43	--	1319	0.128	5.35
SDW 469-M01-12R	7/30/2004	<0.09	24.8	246	18.73	--	1033	0.196	6.48
SDW 469-M01-13BU	7/30/2004	<0.09	30.0	324	1.05	--	671	0.097	4.47
SDW 469-M01-14BK	7/30/2004	<0.09	46.5	346	0.39	--	384	<0.05	2.82
SDW 469-M01-15W	7/30/2004	<0.09	25.4	149	<0.20	--	283	<0.05	4.14

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-01PT	9/28/1995	--	--	--	--	--	--	--	--
SDW 473-M01-02GNT	9/28/1995	<0.2	64.4	47	0.88	--	552	<0.51	<3.23
SDW 473-M01-03RT	9/28/1995	0.2	138.2	94	<0.20	--	1155	<0.51	<3.23
SDW 473-M01-04BUT	9/28/1995	<0.2	139.2	112	0.26	--	979	<0.51	<3.23
SDW 473-M01-05BKT	9/28/1995	0.3	150.6	199	0.68	--	1582	<0.51	<3.23
SDW 473-M01-06WT	9/28/1995	0.3	28.2	420	11.97	--	693	<0.51	<3.23
SDW 473-M01-07O	9/28/1995	<0.2	26.2	152	21.47	--	281	<0.51	<3.23
SDW 473-M01-08GY	9/28/1995	0.5	19.1	138	42.46	--	382	<0.51	<3.23
SDW 473-M01-09Y	9/28/1995	1.1	13.6	151	68.02	--	292	<0.51	<3.23
SDW 473-M01-10P	9/28/1995	0.3	10.6	124	52.11	--	358	<0.51	<3.23
SDW 473-M01-11GN	9/28/1995	0.3	26.0	98	58.91	--	519	<0.51	<3.23
SDW 473-M01-12R	9/28/1995	<0.2	24.4	131	1.32	--	521	<0.51	<3.23
SDW 473-M01-13BU	9/28/1995	<0.2	34.3	109	<0.20	--	231	<0.51	<3.23
SDW 473-M01-14BK	9/28/1995	<0.2	36.4	94	<0.20	--	182	<0.51	<3.23
SDW 473-M01-15W	9/28/1995	<0.2	31.5	130	<0.20	--	266	<0.51	<3.23
SDW 473-M01-01PT	11/30/1995	--	--	--	--	--	--	--	--
SDW 473-M01-02GNT	11/30/1995	<0.2	75.5	53	1.28	--	718	<0.51	3.23
SDW 473-M01-03RT	11/30/1995	<0.2	183.4	114	<0.20	--	1498	<0.51	3.78
SDW 473-M01-04BUT	11/30/1995	<0.2	159.0	116	0.29	--	912	<0.51	4.12
SDW 473-M01-05BKT	11/30/1995	0.3	150.7	130	0.46	--	1298	<0.51	4.21
SDW 473-M01-06WT	11/30/1995	0.3	41.6	360	6.07	--	1830	<0.51	<3.23
SDW 473-M01-07O	11/30/1995	<0.2	56.9	474	76.04	--	515	<0.51	<3.23
SDW 473-M01-08GY	11/30/1995	0.4	36.4	147	47.75	--	413	<0.51	3.77
SDW 473-M01-09Y	11/30/1995	1.1	28.4	131	61.64	--	386	<0.51	<3.23
SDW 473-M01-10P	11/30/1995	0.3	22.6	135	54.64	--	467	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-10P-D	11/30/1995	0.3	13.2	134	54.12	--	463	<0.51	<3.23
SDW 473-M01-11GN	11/30/1995	<0.2	24.8	82	49.64	--	579	<0.51	<3.23
SDW 473-M01-12R	11/30/1995	<0.2	29.3	121	0.94	--	512	<0.51	<3.23
SDW 473-M01-12R-D	11/30/1995	<0.2	28.7	120	0.91	--	508	<0.51	<3.23
SDW 473-M01-13BU	11/30/1995	<0.2	34.2	106	<0.20	--	229	<0.51	<3.23
SDW 473-M01-14BK	11/30/1995	<0.2	27.8	94	<0.20	--	206	<0.51	<3.23
SDW 473-M01-15W	11/30/1995	<0.2	39.7	132	<0.20	--	291	<0.51	<3.23
SDW 473-M01-01PT	1/24/1996	--	--	--	--	--	--	--	--
SDW 473-M01-02GNT	1/24/1996	0.2	102.1	92	0.89	--	1291	<0.51	<3.23
SDW 473-M01-03RT	1/24/1996	0.3	218.5	114	<0.20	--	1625	<0.51	3.50
SDW 473-M01-04BUT	1/24/1996	0.3	179.6	109	0.23	--	1564	<0.51	3.60
SDW 473-M01-05BKT	1/24/1996	0.3	147.7	118	0.40	--	1437	<0.51	3.57
SDW 473-M01-05BKT-D	1/24/1996	0.2	128.7	107	0.37	--	1466	<0.51	<3.23
SDW 473-M01-06WT	1/24/1996	<0.2	90.5	179	2.02	--	829	<0.51	<3.23
SDW 473-M01-07O	1/24/1996	<0.2	34.0	194	33.36	--	267	<0.51	<3.23
SDW 473-M01-08GY	1/24/1996	0.4	29.9	182	60.12	--	303	<0.51	3.66
SDW 473-M01-09Y	1/24/1996	1.4	25.0	168	82.41	--	357	<0.51	<3.23
SDW 473-M01-10P	1/24/1996	0.3	24.8	140	50.68	--	525	<0.51	<3.23
SDW 473-M01-11GN	1/24/1996	<0.2	23.9	82	48.63	--	552	<0.51	<3.23
SDW 473-M01-12R	1/24/1996	<0.2	35.5	136	0.94	--	411	<0.51	<3.23
SDW 473-M01-13BU	1/24/1996	<0.2	36.0	105	<0.20	--	192	<0.51	<3.23
SDW 473-M01-14BK	1/24/1996	<0.2	34.8	101	0.90	--	227	<0.51	<3.23
SDW 473-M01-14BK-D	1/24/1996	<0.2	33.7	93	0.93	--	241	<0.51	<3.23
SDW 473-M01-15W	1/24/1996	<0.2	48.7	137	1.88	--	337	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-01PT	3/20/1996	--	--	--	--	--	--	--	--
SDW 473-M01-02GNT	3/20/1996	<0.2	66.8	58	0.83	--	613	<0.51	<3.23
SDW 473-M01-03RT	3/20/1996	<0.2	214.8	124	<0.20	--	1705	<0.51	<3.23
SDW 473-M01-04BUT	3/20/1996	0.3	211.5	149	0.26	--	2071	<0.51	4.01
SDW 473-M01-05BKT	3/20/1996	0.2	146.7	176	0.56	--	1862	<0.51	<3.23
SDW 473-M01-06WT	3/20/1996	<0.2	75.0	163	2.69	--	925	<0.51	<3.23
SDW 473-M01-06WT-D	3/20/1996	<0.2	79.1	164	2.49	--	900	<0.51	<3.23
SDW 473-M01-07O	3/20/1996	<0.2	20.0	173	32.59	--	248	<0.51	<3.23
SDW 473-M01-08GY	3/20/1996	0.5	22.4	169	59.40	--	332	<0.51	3.86
SDW 473-M01-09Y	3/20/1996	1.5	<10.2	159	81.97	--	426	<0.51	<3.23
SDW 473-M01-10P	3/20/1996	0.3	<10.2	132	45.72	--	542	<0.51	<3.23
SDW 473-M01-11GN	3/20/1996	<0.2	16.3	73	41.79	--	490	<0.51	<3.23
SDW 473-M01-12R	3/20/1996	<0.2	27.7	128	0.40	--	297	<0.51	<3.23
SDW 473-M01-13BU	3/20/1996	<0.2	24.5	90	<0.20	--	175	<0.51	<3.23
SDW 473-M01-14BK	3/20/1996	<0.2	23.6	88	0.37	--	196	<0.51	<3.23
SDW 473-M01-15W	3/20/1996	<0.2	28.9	118	0.82	--	290	<0.51	<3.23
SDW 473-M01-15W-D	3/20/1996	<0.2	38.1	130	0.93	--	324	<0.51	<3.23
SDW 473-M01-01PT	5/16/1996	<0.2	41.3	73	2.37	--	453	<0.51	8.12
SDW 473-M01-02GNT	5/16/1996	<0.2	80.6	46	0.85	--	691	<0.51	<3.23
SDW 473-M01-03RT	5/16/1996	<0.2	217.9	125	0.26	--	1698	<0.51	3.79
SDW 473-M01-04BUT	5/16/1996	<0.2	154.0	89	<0.20	--	1290	<0.51	4.35
SDW 473-M01-05BKT	5/16/1996	<0.2	110.5	79	0.27	--	995	<0.51	3.64
SDW 473-M01-06WT	5/16/1996	<0.2	64.5	167	3.40	--	755	<0.51	<3.23
SDW 473-M01-07O	5/16/1996	<0.2	31.3	208	43.81	--	366	<0.51	<3.23
SDW 473-M01-08GY	5/16/1996	0.4	26.6	170	60.79	--	332	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-08GY-D	5/16/1996	0.5	27.6	177	65.44	--	341	<0.51	4.08
SDW 473-M01-09Y	5/16/1996	1.6	19.1	171	89.74	--	479	<0.51	<3.23
SDW 473-M01-10P	5/16/1996	0.3	12.5	155	51.09	--	575	<0.51	<3.23
SDW 473-M01-11GN	5/16/1996	<0.2	19.1	81	45.08	--	570	<0.51	<3.23
SDW 473-M01-12R	5/16/1996	<0.2	26.3	170	0.33	--	353	<0.51	<3.23
SDW 473-M01-13BU	5/16/1996	<0.2	23.0	102	<0.20	--	212	<0.51	<3.23
SDW 473-M01-14BK	5/16/1996	<0.2	27.7	96	0.38	--	231	<0.51	<3.23
SDW 473-M01-15W	5/16/1996	<0.2	31.6	135	0.58	--	331	<0.51	<3.23
SDW 473-M01-01PT	7/26/1996	<0.2	39.6	48	1.57	--	455	<0.51	4.01
SDW 473-M01-02GNT	7/26/1996	<0.2	70.2	38	0.38	--	338	<0.51	<3.23
SDW 473-M01-03RT	7/26/1996	<0.2	134.4	59	<0.20	--	834	<0.51	3.31
SDW 473-M01-04BUT	7/26/1996	<0.2	99.0	49	<0.20	--	698	<0.51	4.89
SDW 473-M01-05BKT	7/26/1996	<0.2	95.4	70	0.21	--	653	<0.51	<3.23
SDW 473-M01-06WT	7/26/1996	<0.2	63.6	238	5.42	--	641	<0.51	<3.23
SDW 473-M01-07O	7/26/1996	<0.2	18.0	176	44.05	--	308	<0.51	<3.23
SDW 473-M01-08GY	7/26/1996	0.4	24.0	165	63.51	--	259	<0.51	<3.23
SDW 473-M01-08GY-D	7/26/1996	1.3	21.7	183	69.51	--	300	<0.51	<3.23
SDW 473-M01-09Y	7/26/1996	1.5	16.8	151	87.37	--	425	<0.51	<3.23
SDW 473-M01-10P	7/26/1996	0.3	12.6	204	68.52	--	657	<0.51	<3.23
SDW 473-M01-11GN	7/26/1996	<0.2	13.2	96	52.24	--	613	<0.51	<3.23
SDW 473-M01-12R	7/26/1996	<0.2	28.2	150	0.72	--	340	<0.51	<3.23
SDW 473-M01-13BU	7/26/1996	<0.2	23.4	102	<0.20	--	194	<0.51	<3.23
SDW 473-M01-14BK	7/26/1996	<0.2	24.0	95	0.73	--	203	<0.51	<3.23
SDW 473-M01-15W	7/26/1996	<0.2	28.2	132	0.68	--	284	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-01PT	11/5/1996	<0.2	21.3	34	0.97	--	306	<0.51	5.60
SDW 473-M01-02GNT	11/5/1996	<0.2	47.5	45	1.51	--	379	<0.51	<3.23
SDW 473-M01-03RT	11/5/1996	<0.2	118.1	62	<0.20	--	619	<0.51	3.86
SDW 473-M01-04BUT	11/5/1996	<0.2	117.2	59	<0.20	--	451	<0.51	4.81
SDW 473-M01-04BUT-D	11/5/1996	<0.2	134.2	57	<0.20	--	423	<0.51	4.85
SDW 473-M01-05BKT	11/5/1996	<0.2	91.2	54	<0.20	--	510	<0.51	<3.23
SDW 473-M01-06WT	11/5/1996	<0.2	45.5	103	1.50	--	516	<0.51	<3.23
SDW 473-M01-07O	11/5/1996	<0.2	25.1	190	51.92	--	359	<0.51	<3.23
SDW 473-M01-08GY	11/5/1996	0.3	16.2	124	48.95	--	616	<0.51	4.35
SDW 473-M01-09Y	11/7/1996	1.5	19.2	124	73.89	--	702	<0.51	<3.23
SDW 473-M01-10P	11/7/1996	0.3	<10.2	176	50.76	--	748	<0.51	<3.23
SDW 473-M01-11GN	11/7/1996	<0.2	14.8	106	50.93	--	643	<0.51	<3.23
SDW 473-M01-12R	11/7/1996	<0.2	25.1	107	0.65	--	307	<0.51	<3.23
SDW 473-M01-13BU	11/7/1996	<0.2	19.5	88	<0.20	--	187	<0.51	<3.23
SDW 473-M01-13BU-D	11/7/1996	<0.2	14.3	81	<0.20	--	178	<0.51	<3.23
SDW 473-M01-14BK	11/7/1996	<0.2	26.6	110	0.52	--	232	<0.51	<3.23
SDW 473-M01-15W	11/7/1996	<0.2	23.0	126	0.58	--	303	<0.51	<3.23
SDW 473-M01-01PT	2/18/1997	<0.2	29.3	46	3.16	--	302	<0.51	3.30
SDW 473-M01-02GNT	2/18/1997	<0.2	63.8	38	1.39	--	262	<0.51	<3.23
SDW 473-M01-03RT	2/18/1997	<0.2	151.2	58	<0.20	--	383	<0.51	3.61
SDW 473-M01-04BUT	2/18/1997	0.5	148.4	66	<0.20	--	329	<0.51	5.19
SDW 473-M01-05BKT	2/18/1997	<0.2	143.7	70	0.22	--	318	<0.51	4.07
SDW 473-M01-06WT	2/18/1997	<0.2	40.2	169	4.38	--	323	<0.51	<3.23
SDW 473-M01-07O	2/18/1997	0.3	26.0	182	57.90	--	338	<0.51	<3.23
SDW 473-M01-08GY	2/18/1997	0.4	26.0	129	53.19	--	528	<0.51	4.04

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-08GY-D	2/18/1997	0.3	23.9	124	51.69	--	528	<0.51	<3.23
SDW 473-M01-09Y	2/18/1997	1.1	18.4	76	47.53	--	699	<0.51	<3.23
SDW 473-M01-10P	2/18/1997	0.2	19.8	108	30.47	--	594	<0.51	<3.23
SDW 473-M01-11GN	2/18/1997	<0.2	18.0	72	33.21	--	497	<0.51	<3.23
SDW 473-M01-12R	2/18/1997	<0.2	20.8	83	<0.20	--	255	<0.51	<3.23
SDW 473-M01-13BU	2/18/1997	<0.2	25.5	88	<0.20	--	184	<0.51	<3.23
SDW 473-M01-14BK	2/18/1997	<0.2	29.8	113	0.51	--	228	<0.51	<3.23
SDW 473-M01-15W	2/18/1997	<0.2	28.4	125	0.24	--	308	<0.51	<3.23
SDW 473-M01-01PT	5/14/1997	0.2	23.1	44	2.57	--	214	<0.51	3.27
SDW 473-M01-02GNT	5/14/1997	<0.2	67.6	40	1.53	--	377	<0.51	<3.23
SDW 473-M01-03RT	5/14/1997	<0.2	158.3	67	<0.20	--	426	<0.51	3.46
SDW 473-M01-03RT-D	5/14/1997	<0.2	164.7	66	<0.20	--	426	<0.51	3.36
SDW 473-M01-04BUT	5/14/1997	<0.2	139.8	76	<0.20	--	415	<0.51	4.25
SDW 473-M01-05BKT	5/14/1997	<0.2	112.2	88	0.54	--	322	<0.51	<3.23
SDW 473-M01-06WT	5/14/1997	<0.2	25.2	174	6.72	--	260	<0.51	<3.23
SDW 473-M01-07O	5/14/1997	0.3	19.0	180	59.59	--	375	<0.51	<3.23
SDW 473-M01-08GY	5/14/1997	0.5	22.7	153	64.51	--	506	<0.51	3.77
SDW 473-M01-09Y	5/14/1997	1.8	<10.2	117	75.54	--	539	<0.51	<3.23
SDW 473-M01-10P	5/14/1997	<0.2	<10.2	76	20.94	--	449	<0.51	<3.23
SDW 473-M01-11GN	5/14/1997	<0.2	<10.2	49	21.15	--	384	<0.51	<3.23
SDW 473-M01-12R	5/14/1997	<0.2	21.0	76	<0.20	--	242	<0.51	<3.23
SDW 473-M01-12R-D	5/14/1997	<0.2	28.6	74	<0.20	--	241	<0.51	<3.23
SDW 473-M01-13BU	5/14/1997	<0.2	21.4	89	<0.20	--	181	<0.51	<3.23
SDW 473-M01-14BK	5/14/1997	<0.2	16.1	105	<0.20	--	211	<0.51	<3.23
SDW 473-M01-15W	5/14/1997	<0.2	27.2	115	<0.20	--	285	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-01PT	8/14/1997	<0.2	29.6	32	2.87	--	217	<0.51	<3.23
SDW 473-M01-02GNT	8/14/1997	<0.2	78.6	40	0.61	--	488	<0.51	<3.23
SDW 473-M01-03RT	8/14/1997	<0.2	142.8	60	<0.20	--	537	<0.51	<3.23
SDW 473-M01-04BUT	8/14/1997	<0.2	126.5	59	<0.20	--	651	<0.51	3.77
SDW 473-M01-04BUT-D	8/14/1997	<0.2	110.5	58	<0.20	--	637	<0.51	5.95
SDW 473-M01-05BKT	8/14/1997	<0.2	79.5	60	0.32	--	670	<0.51	3.45
SDW 473-M01-06WT	8/14/1997	<0.2	32.1	160	11.00	--	324	<0.51	<3.23
SDW 473-M01-07O	8/14/1997	<0.2	31.6	176	62.24	--	306	<0.51	<3.23
SDW 473-M01-08GY	8/14/1997	0.4	33.1	217	95.11	--	444	<0.51	<3.23
SDW 473-M01-09Y	8/14/1997	2.7	23.7	168	111.45	--	586	<0.51	<3.23
SDW 473-M01-10P	8/14/1997	<0.2	12.4	114	31.96	--	570	<0.51	<3.23
SDW 473-M01-11GN	8/14/1997	<0.2	19.8	59	25.36	--	446	<0.51	<3.23
SDW 473-M01-12R	8/14/1997	<0.2	28.2	76	<0.20	--	237	<0.51	<3.23
SDW 473-M01-13BU	8/14/1997	<0.2	24.2	87	<0.20	--	194	<0.51	<3.23
SDW 473-M01-13BU-D	8/14/1997	<0.2	26.8	87	<0.20	--	191	<0.51	<3.23
SDW 473-M01-14BK	8/14/1997	<0.2	27.2	111	<0.20	--	243	<0.51	<3.23
SDW 473-M01-15W	8/14/1997	<0.2	28.2	117	<0.20	--	308	<0.51	<3.23
SDW 473-M01-01PT	11/3/1997	<0.2	21.0	36	1.95	--	175	<0.51	<3.23
SDW 473-M01-02GNT	11/3/1997	<0.2	61.9	37	1.60	--	581	<0.51	<3.23
SDW 473-M01-03RT	11/3/1997	<0.2	113.8	60	<0.20	--	582	<0.51	<3.23
SDW 473-M01-04BUT	11/3/1997	<0.2	98.9	43	<0.20	--	586	<0.51	4.59
SDW 473-M01-04BUT-D	11/3/1997	<0.2	104.9	45	<0.20	--	567	<0.51	4.74
SDW 473-M01-05BKT	11/3/1997	<0.2	56.6	51	0.34	--	597	<0.51	<3.23
SDW 473-M01-06WT	11/3/1997	<0.2	34.5	134	9.39	--	416	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-07O	11/3/1997	<0.2	23.8	156	64.41	--	394	<0.51	<3.23
SDW 473-M01-08GY	11/3/1997	0.5	32.7	135	64.24	--	526	<0.51	<3.23
SDW 473-M01-09Y	11/3/1997	1.9	23.1	90	62.60	--	689	<0.51	<3.23
SDW 473-M01-10P	11/3/1997	0.2	13.2	170	46.56	--	730	<0.51	<3.23
SDW 473-M01-11GN	11/3/1997	<0.2	16.7	52	21.42	--	412	<0.51	<3.23
SDW 473-M01-12R	11/3/1997	<0.2	29.9	71	<0.20	--	199	<0.51	<3.23
SDW 473-M01-13BU	11/3/1997	<0.2	29.9	83	<0.20	--	179	<0.51	<3.23
SDW 473-M01-13BU-D	11/3/1997	<0.2	23.6	94	<0.20	--	192	<0.51	<3.23
SDW 473-M01-14BK	11/3/1997	<0.2	24.9	104	<0.20	--	217	<0.51	<3.23
SDW 473-M01-15W	11/3/1997	<0.2	27.7	116	<0.20	--	285	<0.51	<3.23
SDW 473-M01-01PT	5/12/1998	<0.2	21.5	46	3.03	--	331	<0.51	<3.23
SDW 473-M01-02GNT	5/12/1998	<0.2	44.6	47	1.82	--	323	<0.51	<3.23
SDW 473-M01-02GNT-D	5/12/1998	<0.2	39.7	47	1.79	--	321	<0.51	<3.23
SDW 473-M01-03RT	5/12/1998	<0.2	137.2	137	<0.20	--	810	<0.51	<3.23
SDW 473-M01-04BUT	5/12/1998	<0.2	109.7	91	<0.20	--	810	<0.51	<3.23
SDW 473-M01-05BKT	5/12/1998	<0.2	68.1	56	0.36	--	716	<0.51	<3.23
SDW 473-M01-06WT	5/12/1998	<0.2	29.0	165	8.09	--	389	<0.51	<3.23
SDW 473-M01-07O	5/12/1998	0.3	20.8	132	61.68	--	459	<0.51	3.51
SDW 473-M01-08GY	5/12/1998	0.7	26.5	97	52.90	--	712	<0.51	4.47
SDW 473-M01-09Y	5/12/1998	1.8	16.0	70	47.34	--	810	<0.51	<3.23
SDW 473-M01-10P	5/12/1998	0.2	<10.2	166	39.32	--	761	<0.51	<3.23
SDW 473-M01-11GN	5/12/1998	<0.2	<10.2	82	29.73	--	497	<0.51	<3.23
SDW 473-M01-11GN-D	5/12/1998	<0.2	11.8	85	30.20	--	511	<0.51	<3.23
SDW 473-M01-12R	5/12/1998	<0.2	23.0	79	<0.20	--	192	<0.51	<3.23
SDW 473-M01-13BU	5/12/1998	<0.2	17.8	92	<0.20	--	191	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-14BK	5/12/1998	<0.2	20.5	118	<0.20	--	238	<0.51	<3.23
SDW 473-M01-15W	5/12/1998	<0.2	19.3	123	<0.20	--	294	<0.51	<3.23
SDW 473-M01-01PT	10/30/1998	<0.2	26.1	35	2.47	--	160	<0.51	<3.23
SDW 473-M01-02GNT	10/30/1998	<0.2	60.1	57	3.49	--	507	<0.51	<3.23
SDW 473-M01-03RT	10/30/1998	<0.2	107.4	112	<0.20	--	709	<0.51	3.80
SDW 473-M01-04BUT	10/30/1998	<0.2	125.2	196	0.39	--	675	<0.51	4.17
SDW 473-M01-05BKT	10/30/1998	<0.2	83.8	319	1.51	--	649	<0.51	5.04
SDW 473-M01-05BKT-D	10/30/1998	<0.2	94.6	313	1.44	--	640	<0.51	3.47
SDW 473-M01-06WT	10/30/1998	<0.2	35.5	153	14.75	--	659	<0.51	<3.23
SDW 473-M01-07O	10/30/1998	<0.2	29.6	73	1.94	--	358	<0.51	12.77
SDW 473-M01-08GY	10/30/1998	0.6	16.3	96	58.77	--	657	<0.51	<3.23
SDW 473-M01-09Y	10/30/1998	0.8	<10.2	41	27.94	--	806	<0.51	<3.23
SDW 473-M01-10P	10/30/1998	<0.2	50.3	250	2.95	--	1255	<0.51	6.29
SDW 473-M01-11GN	10/30/1998	<0.2	11.8	90	29.06	--	420	<0.51	<3.23
SDW 473-M01-12R	10/30/1998	<0.2	27.1	90	<0.20	--	223	<0.51	<3.23
SDW 473-M01-13BU	10/30/1998	<0.2	23.2	95	<0.20	--	203	<0.51	<3.23
SDW 473-M01-14BK	10/30/1998	<0.2	23.2	110	<0.20	--	228	<0.51	<3.23
SDW 473-M01-14BK-D	10/30/1998	<0.2	31.5	114	<0.20	--	233	<0.51	<3.23
SDW 473-M01-15W	10/30/1998	<0.2	21.2	131	<0.20	--	307	<0.51	<3.23
SDW 473-M01-01PT	6/28/1999	<0.2	26.0	33	2.48	--	210	<0.51	<3.23
SDW 473-M01-01PT-X	6/28/1999	<0.2	<10.2	<1.65	<0.20	--	952	<0.51	<3.23
SDW 473-M01-02GNT	6/28/1999	<0.2	48.6	45	0.52	--	247	<0.51	<3.23
SDW 473-M01-02GNT-D	6/28/1999	<0.2	52.4	47	0.56	--	257	<0.51	<3.23
SDW 473-M01-02GNT-X	6/28/1999	<0.2	<10.2	<1.65	<0.20	--	1374	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-02GNT-X-D	6/28/1999	<0.2	<10.2	<1.65	<0.20	--	1186	<0.51	<3.23
SDW 473-M01-03RT	6/28/1999	<0.2	96.1	46	0.48	--	598	<0.51	3.70
SDW 473-M01-04BUT	6/28/1999	<0.2	81.2	56	<0.04	--	719	<0.51	4.90
SDW 473-M01-05BKT	6/28/1999	<0.2	48.2	78	0.45	--	598	<0.51	3.57
SDW 473-M01-06WT	6/28/1999	<0.2	50.7	89	9.92	--	520	<0.51	3.25
SDW 473-M01-07O	6/28/1999	<0.2	21.2	101	73.19	--	666	<0.51	3.93
SDW 473-M01-08GY	6/28/1999	0.5	14.6	58	42.16	--	617	<0.51	3.39
SDW 473-M01-08GY-D	6/28/1999	0.5	16.0	54	39.57	--	590	<0.51	3.39
SDW 473-M01-09Y	6/28/1999	0.7	16.0	37	23.41	--	558	<0.51	<3.23
SDW 473-M01-10P	6/28/1999	<0.2	12.5	63	13.84	--	507	<0.51	<3.23
SDW 473-M01-11GN	6/28/1999	<0.2	<10.2	56	16.24	--	262	<0.51	<3.23
SDW 473-M01-12R	6/28/1999	<0.2	26.0	99	<0.20	--	245	<0.51	<3.23
SDW 473-M01-13BU	6/28/1999	<0.2	28.5	93	0.20	--	212	<0.51	<3.23
SDW 473-M01-14BK	6/28/1999	<0.2	20.1	125	<0.20	--	253	<0.51	<3.23
SDW 473-M01-15W	6/28/1999	<0.2	24.3	122	<0.20	--	276	<0.51	<3.23
SDW 473-M01-01PT	6/13/2000	<0.09	31.0	35	1.63	<0.02	273	0.065	<2.4
SDW 473-M01-01PT-X	6/13/2000	<0.09	<3.8	<4.11	<0.04	<0.02	916	<0.05	<2.4
SDW 473-M01-02GNT-X	6/13/2000	<0.09	<3.8	<4.11	<0.04	<0.02	1465	<0.05	<2.4
SDW 473-M01-02GNT	6/13/2000	<0.09	56.1	55	0.44	<0.02	638	<0.05	<2.4
SDW 473-M01-02GNT-D	6/13/2000	<0.09	54.3	54	0.45	<0.02	640	<0.05	<2.4
SDW 473-M01-03RT	6/13/2000	<0.09	90.1	79	0.07	<0.02	808	<0.05	3.17
SDW 473-M01-04BUT	6/13/2000	<0.09	64.2	72	0.12	<0.02	720	<0.05	2.76
SDW 473-M01-05BKT	6/13/2000	<0.09	58.9	94	0.38	<0.02	823	<0.05	2.86
SDW 473-M01-06WT	6/13/2000	<0.09	29.8	186	15.64	<0.02	579	<0.05	<2.4
SDW 473-M01-07O	6/13/2000	<0.09	16.9	91	70.07	<0.02	1057	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-08GY	6/13/2000	1.6	14.1	116	86.42	<0.02	1066	<0.05	<2.4
SDW 473-M01-09Y	6/13/2000	1.3	9.2	67	34.72	<0.02	762	<0.05	<2.4
SDW 473-M01-10P	6/13/2000	0.1	<3.8	27	6.21	<0.02	318	<0.05	<2.4
SDW 473-M01-11GN	6/13/2000	<0.09	6.0	45	6.85	<0.02	237	<0.05	<2.4
SDW 473-M01-11GN	6/13/2000	<0.09	7.1	58	7.14	<0.02	266	<0.05	<2.4
SDW 473-M01-12R	6/13/2000	<0.09	31.7	100	0.09	<0.02	232	<0.05	<2.4
SDW 473-M01-13BU	6/13/2000	<0.09	21.4	103	0.11	<0.02	216	<0.05	<2.4
SDW 473-M01-14BK	6/13/2000	<0.09	21.1	126	0.04	<0.02	232	<0.05	<2.4
SDW 473-M01-15W	6/13/2000	<0.09	21.5	120	0.08	<0.02	245	<0.05	<2.4
SDW 473-M01-01PT	8/13/2001	8.8	23.4	55	1.81	<0.02	651	<0.05	<2.4
SDW 473-M01-02GNT	8/13/2001	0.1	42.7	49	0.62	<0.02	218	<0.05	<2.4
SDW 473-M01-03RT	8/13/2001	0.1	48.0	64	0.05	<0.02	290	<0.05	<2.4
SDW 473-M01-03RT-D	8/13/2001	0.1	46.5	66	0.05	<0.02	294	<0.05	<2.4
SDW 473-M01-04BUT	8/13/2001	0.1	37.9	82	0.14	<0.02	298	<0.05	3.2
SDW 473-M01-05BKT	8/13/2001	0.1	30.7	123	0.33	<0.02	340	<0.05	2.4
SDW 473-M01-06WT	8/13/2001	0.1	18.2	114	3.63	<0.02	456	<0.05	<2.4
SDW 473-M01-07O	8/13/2001	0.1	11.7	57	43.50	<0.02	773	<0.05	<2.4
SDW 473-M01-08GY	8/13/2001	0.1	10.0	64	53.29	<0.02	874	<0.05	<2.4
SDW 473-M01-09Y	8/13/2001	0.1	<3.8	69	1.93	<0.02	841	<0.05	<2.4
SDW 473-M01-10P	8/13/2001	0.1	<3.8	59	5.40	<0.02	531	<0.05	<2.4
SDW 473-M01-11GN	8/13/2001	0.1	5.5	59	5.07	<0.02	400	<0.05	<2.4
SDW 473-M01-12R	8/13/2001	0.1	39.8	90	0.09	<0.02	420	<0.05	<2.4
SDW 473-M01-13BU	8/13/2001	0.1	18.4	76	0.25	<0.02	218	<0.05	<2.4
SDW 473-M01-14BK	8/13/2001	0.1	20.2	120	0.05	<0.02	217	<0.05	<2.4
SDW 473-M01-15W	8/13/2001	0.1	21.1	132	0.25	<0.02	238	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-01PT	6/6/2002	--	--	--	--	--	--	--	--
SDW 473-M01-02GNT	6/6/2002	<0.09	36.4	43	0.50	<0.02	260	<0.05	<2.4
SDW 473-M01-02GNT-X	6/6/2002	<0.09	6.3	<4.11	<0.04	<0.02	947	<0.05	<2.4
SDW 473-M01-03RT	6/6/2002	<0.09	31.2	46	<0.04	<0.02	284	<0.05	<2.4
SDW 473-M01-04BUT	6/6/2002	<0.09	37.3	52	0.13	<0.02	307	<0.05	6.37
SDW 473-M01-05BKT	6/6/2002	<0.09	33.9	102	0.24	<0.02	330	<0.05	<2.4
SDW 473-M01-05BKT-D	6/6/2002	<0.09	35.1	93	0.20	<0.02	347	<0.05	<2.4
SDW 473-M01-06WT	6/6/2002	<0.09	24.3	87	1.15	<0.02	492	<0.05	<2.4
SDW 473-M01-07O	6/6/2002	<0.09	7.0	55	42.99	<0.02	718	<0.05	<2.4
SDW 473-M01-08GY	6/6/2002	<0.09	6.9	54	4.59	<0.02	781	<0.05	<2.4
SDW 473-M01-09Y	6/6/2002	<0.09	8.0	107	0.99	<0.02	746	<0.05	<2.4
SDW 473-M01-10P	6/6/2002	<0.09	8.3	175	7.64	<0.02	600	<0.05	<2.4
SDW 473-M01-11GN	6/6/2002	<0.09	9.2	178	9.31	<0.02	335	<0.05	<2.4
SDW 473-M01-12R	6/6/2002	<0.09	26.9	47	0.06	<0.02	260	<0.05	<2.4
SDW 473-M01-13BU	6/6/2002	<0.09	18.9	80	0.09	<0.02	266	<0.05	<2.4
SDW 473-M01-14BK	6/6/2002	<0.09	21.3	123	0.06	<0.02	227	<0.05	<2.4
SDW 473-M01-15W	6/6/2002	0.1	20.9	123	0.36	<0.02	224	<0.05	<2.4
SDW 473-M01-01PT	5/16/2003	0.1	30.2	53	1.53	--	411	<0.05	2.55
SDW 473-M01-01PT-X	5/16/2003	<0.09	10.9	24	0.76	--	669	<0.05	<2.4
SDW 473-M01-02GNT	5/16/2003	<0.09	31.2	44	0.52	--	233	<0.05	<2.4
SDW 473-M01-02GNT-X	5/16/2003	<0.09	9.7	18	0.24	--	712	<0.05	<2.4
SDW 473-M01-03RT	5/16/2003	<0.09	56.4	95	0.05	--	331	<0.05	3.78
SDW 473-M01-03RT-D	5/16/2003	0.1	55.9	94	0.05	--	331	<0.05	3.73
SDW 473-M01-04BUT	5/16/2003	<0.09	32.1	46	0.07	--	396	<0.05	4.46

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-05BKT	5/16/2003	<0.09	25.8	72	0.19	--	379	<0.05	3.63
SDW 473-M01-06WT	5/16/2003	<0.09	22.6	95	0.74	--	530	<0.05	2.73
SDW 473-M01-07O	5/16/2003	<0.09	9.9	58	12.93	--	880	<0.05	4.20
SDW 473-M01-08GY	5/16/2003	<0.09	8.9	63	3.07	--	913	<0.05	3.35
SDW 473-M01-09Y	5/16/2003	<0.09	9.5	135	2.38	--	1020	<0.05	2.61
SDW 473-M01-10P	5/16/2003	<0.09	9.9	247	8.47	--	1030	<0.05	<2.4
SDW 473-M01-11GN	5/16/2003	<0.09	11.4	213	9.44	--	784	<0.05	<2.4
SDW 473-M01-12R	5/16/2003	<0.09	30.3	112	0.08	--	249	<0.05	<2.4
SDW 473-M01-13BU	5/16/2003	<0.09	19.4	133	0.07	--	232	<0.05	<2.4
SDW 473-M01-14BK	5/16/2003	<0.09	18.0	124	0.05	--	225	<0.05	<2.4
SDW 473-M01-14BK-D	5/16/2003	<0.09	17.9	125	0.05	--	226	<0.05	<2.4
SDW 473-M01-15W	5/16/2003	<0.09	17.9	122	0.07	--	272	<0.05	<2.4
SDW 473-M01-01PT	8/18/2004	0.3	12.9	32	2.23	--	271	0.083	<2.4
SDW 473-M01-01PT-X	8/18/2004	<0.09	5.5	<4.11	0.14	--	1117	<0.05	<2.4
SDW 473-M01-02GNT	8/18/2004	<0.09	35.9	34	0.20	--	189	<0.05	2.45
SDW 473-M01-02GNT-X	8/18/2004	<0.09	4.3	<4.11	<0.04	--	1341	<0.05	<2.4
SDW 473-M01-03RT	8/18/2004	<0.09	56.7	39	<0.04	--	282	<0.05	3.58
SDW 473-M01-04BUT	8/18/2004	<0.09	38.1	50	0.07	--	407	<0.05	3.81
SDW 473-M01-05BKT	8/18/2004	<0.09	30.9	59	0.13	--	565	<0.05	3.31
SDW 473-M01-06WT	8/18/2004	<0.09	21.1	55	0.28	--	445	<0.05	2.68
SDW 473-M01-07O	8/18/2004	<0.09	10.4	34	1.48	--	684	<0.05	3.56
SDW 473-M01-08GY	8/18/2004	<0.09	13.7	50	1.14	--	875	<0.05	2.51
SDW 473-M01-08GY-D	8/18/2004	<0.09	14.3	51	1.08	--	915	<0.05	2.81
SDW 473-M01-09Y	8/18/2004	<0.09	36.5	79	9.68	--	1064	<0.05	<2.4
SDW 473-M01-10P	8/18/2004	<0.09	50.4	221	8.23	--	1555	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 473-M01-11GN	8/18/2004	<0.09	49.1	200	2.04	--	1155	<0.05	<2.4
SDW 473-M01-12R	8/18/2004	<0.09	45.0	172	0.17	--	726	<0.05	<2.4
SDW 473-M01-13BU	8/18/2004	<0.09	37.1	271	0.10	--	699	<0.05	<2.4
SDW 473-M01-14BK	8/18/2004	<0.09	31.7	280	0.08	--	507	<0.05	<2.4
SDW 473-M01-15W	8/18/2004	<0.09	20.6	150	<0.04	--	297	<0.05	<2.4
SDW 474-M01-01PT	9/22/1995	--	--	--	--	--	--	--	--
SDW 474-M01-02GNT	9/22/1995	<0.02	31.7	47	1.07	--	265	<0.51	<3.23
SDW 474-M01-03RT	9/22/1995	<0.02	35.0	53	1.00	--	320	<0.51	<3.23
SDW 474-M01-04BUT	9/22/1995	<0.02	33.3	63	0.48	--	363	<0.51	<3.23
SDW 474-M01-05BKT	9/22/1995	<0.02	35.6	109	0.41	--	358	<0.51	<3.23
SDW 474-M01-06WT	9/22/1995	<0.02	35.2	166	0.75	--	468	<0.51	<3.23
SDW 474-M01-07O	9/22/1995	<0.02	22.8	123	1.09	--	544	<0.51	<3.23
SDW 474-M01-08GY	9/22/1995	<0.02	37.4	131	0.44	--	593	<0.51	<3.23
SDW 474-M01-09Y	9/22/1995	<0.02	25.4	124	<0.20	--	515	<0.51	<3.23
SDW 474-M01-10P	9/22/1995	<0.02	23.4	130	<0.20	--	319	<0.51	<3.23
SDW 474-M01-11GN	9/22/1995	<0.02	21.1	84	<0.20	--	186	<0.51	<3.23
SDW 474-M01-12R	9/22/1995	<0.02	21.3	76	<0.20	--	172	<0.51	<3.23
SDW 474-M01-13BU	9/22/1995	<0.02	16.1	76	0.27	--	174	<0.51	<3.23
SDW 474-M01-14BK	9/22/1995	0.2	18.9	97	0.72	--	209	<0.51	<3.23
SDW 474-M01-15W	9/22/1995	<0.02	17.1	111	0.68	--	230	<0.51	<3.23
SDW 474-M01-01PT	11/30/1995	--	--	--	--	--	--	--	--
SDW 474-M01-02GNT	11/30/1995	<0.02	37.6	60	1.18	--	256	<0.51	<3.23
SDW 474-M01-03RT	11/30/1995	<0.02	29.3	52	0.93	--	362	<0.51	<3.23
SDW 474-M01-04BUT	11/30/1995	<0.02	32.1	63	0.44	--	444	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-05BKT	11/30/1995	<0.02	33.6	94	0.30	--	401	<0.51	<3.23
SDW 474-M01-06WT	11/30/1995	<0.02	48.0	137	0.56	--	474	<0.51	<3.23
SDW 474-M01-07O	11/30/1995	<0.02	44.6	143	1.21	--	676	<0.51	<3.23
SDW 474-M01-08GY	11/30/1995	<0.02	33.9	177	0.43	--	747	<0.51	<3.23
SDW 474-M01-09Y	11/30/1995	<0.02	24.1	98	<0.20	--	431	<0.51	<3.23
SDW 474-M01-10P	11/30/1995	<0.02	21.1	108	<0.20	--	276	<0.51	<3.23
SDW 474-M01-11GN	11/30/1995	<0.02	22.3	81	<0.20	--	198	<0.51	<3.23
SDW 474-M01-12R	11/30/1995	<0.02	22.6	72	<0.20	--	183	<0.51	<3.23
SDW 474-M01-13BU	11/30/1995	<0.02	24.5	73	0.22	--	188	<0.51	<3.23
SDW 474-M01-14BK	11/30/1995	<0.02	25.1	91	0.61	--	208	<0.51	<3.23
SDW 474-M01-15W	11/30/1995	<0.02	23.2	109	0.63	--	250	<0.51	<3.23
SDW 474-M01-01PT	1/26/1996	--	--	--	--	--	--	--	--
SDW 474-M01-02GNT	1/26/1996	<0.02	39.1	49	0.79	--	105	<0.51	<3.23
SDW 474-M01-03RT	1/26/1996	<0.02	36.0	67	1.02	--	271	<0.51	<3.23
SDW 474-M01-04BUT	1/26/1996	<0.02	41.8	70	0.51	--	446	<0.51	<3.23
SDW 474-M01-05BKT	1/26/1996	<0.02	39.5	81	0.26	--	356	<0.51	<3.23
SDW 474-M01-06WT	1/26/1996	<0.02	46.2	109	0.44	--	365	<0.51	<3.23
SDW 474-M01-07O	1/26/1996	<0.02	43.1	109	0.44	--	369	<0.51	<3.23
SDW 474-M01-08GY	1/26/1996	<0.02	39.1	130	0.28	--	600	<0.51	<3.23
SDW 474-M01-08GY-D	1/26/1996	<0.02	31.5	119	0.28	--	609	<0.51	<3.23
SDW 474-M01-09Y	1/26/1996	<0.02	29.7	160	<0.20	--	481	<0.51	<3.23
SDW 474-M01-10P	1/26/1996	<0.02	39.8	201	<0.20	--	357	<0.51	<3.23
SDW 474-M01-11GN	1/26/1996	<0.02	23.0	106	<0.20	--	214	<0.51	<3.23
SDW 474-M01-12R	1/26/1996	<0.02	33.1	81	<0.20	--	179	<0.51	<3.23
SDW 474-M01-13BU	1/26/1996	<0.02	24.8	74	0.22	--	163	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-14BK	1/26/1996	<0.02	27.9	92	0.57	--	191	<0.51	<3.23
SDW 474-M01-15W	1/26/1996	<0.02	32.2	114	0.61	--	238	<0.51	<3.23
SDW 474-M01-01PT	3/22/1996	<0.02	47.2	87	28.75	--	480	<0.51	<3.23
SDW 474-M01-02GNT	3/22/1996	<0.02	18.2	36	0.92	--	332	<0.51	<3.23
SDW 474-M01-03RT	3/22/1996	<0.02	17.8	40	0.65	--	408	<0.51	<3.23
SDW 474-M01-04BUT	3/22/1996	<0.02	30.8	79	0.68	--	509	<0.51	<3.23
SDW 474-M01-05BKT	3/22/1996	<0.02	31.8	144	0.46	--	476	<0.51	<3.23
SDW 474-M01-06WT	3/22/1996	<0.02	19.6	107	0.48	--	385	<0.51	<3.23
SDW 474-M01-07O	3/22/1996	<0.02	26.2	119	0.98	--	626	<0.51	<3.23
SDW 474-M01-08GY	3/22/1996	<0.02	15.9	138	0.28	--	640	<0.51	<3.23
SDW 474-M01-09Y	3/22/1996	<0.02	23.8	183	<0.20	--	659	<0.51	<3.23
SDW 474-M01-09Y-D	3/22/1996	<0.02	33.7	183	<0.20	--	637	<0.51	<3.23
SDW 474-M01-10P	3/22/1996	<0.02	22.4	222	<0.20	--	609	<0.51	<3.23
SDW 474-M01-11GN	3/22/1996	<0.02	12.6	123	<0.20	--	243	<0.51	<3.23
SDW 474-M01-12R	3/22/1996	<0.02	<10.2	82	<0.20	--	186	<0.51	<3.23
SDW 474-M01-13BU	3/22/1996	<0.02	11.7	72	0.22	--	167	<0.51	<3.23
SDW 474-M01-14BK	3/22/1996	<0.02	11.7	91	0.54	--	200	<0.51	<3.23
SDW 474-M01-15W	3/22/1996	<0.02	26.6	118	0.64	--	253	<0.51	<3.23
SDW 474-M01-01PT	5/16/1996	<0.02	42.4	93	15.96	--	453	<0.51	<3.23
SDW 474-M01-02GNT	5/16/1996	<0.02	21.8	55	0.88	--	290	<0.51	<3.23
SDW 474-M01-02GNT-D	5/16/1996	<0.02	31.0	55	0.93	--	304	<0.51	<3.23
SDW 474-M01-03RT	5/16/1996	<0.02	22.8	64	1.16	--	478	<0.51	<3.23
SDW 474-M01-04BUT	5/16/1996	<0.02	30.1	87	0.82	--	582	<0.51	<3.23
SDW 474-M01-05BKT	5/16/1996	<0.02	30.8	137	0.43	--	489	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-06WT	5/16/1996	<0.02	31.0	118	0.54	--	423	<0.51	<3.23
SDW 474-M01-07O	5/16/1996	<0.02	20.4	105	0.90	--	602	<0.51	<3.23
SDW 474-M01-08GY	5/16/1996	<0.02	26.7	139	0.28	--	712	<0.51	<3.23
SDW 474-M01-09Y	5/16/1996	<0.02	23.8	172	<0.20	--	637	<0.51	<3.23
SDW 474-M01-10P	5/16/1996	<0.02	30.1	291	<0.20	--	659	<0.51	<3.23
SDW 474-M01-11GN	5/16/1996	<0.02	17.7	154	<0.20	--	272	<0.51	<3.23
SDW 474-M01-11GN-D	5/16/1996	<0.02	31.8	184	<0.20	--	335	<0.51	<3.23
SDW 474-M01-12R	5/16/1996	<0.02	18.2	92	<0.20	--	204	<0.51	<3.23
SDW 474-M01-13BU	5/16/1996	<0.02	15.0	80	0.24	--	182	<0.51	<3.23
SDW 474-M01-14BK	5/16/1996	<0.02	15.0	94	0.53	--	202	<0.51	<3.23
SDW 474-M01-15W	5/16/1996	<0.02	21.8	126	0.67	--	256	<0.51	<3.23
SDW 474-M01-01PT	7/30/1996	<0.02	34.8	85	3.59	--	173	<0.51	<3.23
SDW 474-M01-02GNT	7/30/1996	<0.02	21.6	51	0.47	--	223	<0.51	<3.23
SDW 474-M01-02GNT-D	7/30/1996	<0.02	26.2	53	0.56	--	254	<0.51	<3.23
SDW 474-M01-03RT	7/30/1996	<0.02	27.6	68	1.17	--	373	<0.51	<3.23
SDW 474-M01-04BUT	7/30/1996	<0.02	33.0	78	0.63	--	389	<0.51	<3.23
SDW 474-M01-05BKT	7/30/1996	<0.02	33.6	125	0.39	--	370	<0.51	<3.23
SDW 474-M01-06WT	7/30/1996	0.6	33.0	126	0.53	--	444	<0.51	<3.23
SDW 474-M01-07O	7/30/1996	<0.02	29.4	114	0.87	--	642	<0.51	<3.23
SDW 474-M01-08GY	7/30/1996	<0.02	33.6	164	0.29	--	769	<0.51	<3.23
SDW 474-M01-09Y	7/30/1996	<0.02	28.8	138	<0.20	--	473	<0.51	<3.23
SDW 474-M01-10P	7/30/1996	<0.02	25.8	153	<0.20	--	357	<0.51	<3.23
SDW 474-M01-11GN	7/30/1996	<0.02	22.2	131	<0.20	--	236	<0.51	<3.23
SDW 474-M01-11GN-D	7/30/1996	<0.02	19.0	135	<0.20	--	255	<0.51	<3.23
SDW 474-M01-12R	7/30/1996	<0.02	17.4	92	<0.20	--	194	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-13BU	7/30/1996	<0.02	19.8	85	0.25	--	187	<0.51	<3.23
SDW 474-M01-14BK	7/30/1996	<0.02	19.2	103	0.55	--	211	<0.51	<3.23
SDW 474-M01-15W	7/30/1996	<0.02	21.6	125	0.61	--	247	<0.51	<3.23
SDW 474-M01-01PT	11/7/1996	<0.02	37.8	80	2.99	--	417	<0.51	<3.23
SDW 474-M01-02GNT	11/7/1996	<0.02	28.9	53	1.50	--	199	<0.51	<3.23
SDW 474-M01-03RT	11/7/1996	<0.02	28.3	43	0.70	--	259	<0.51	<3.23
SDW 474-M01-04BUT	11/7/1996	<0.02	26.9	53	0.43	--	293	<0.51	<3.23
SDW 474-M01-05BKT	11/7/1996	<0.02	26.6	89	0.28	--	328	<0.51	<3.23
SDW 474-M01-06WT	11/7/1996	<0.02	32.5	146	0.52	--	350	<0.51	<3.23
SDW 474-M01-07O	11/7/1996	<0.02	24.8	112	0.74	--	632	<0.51	<3.23
SDW 474-M01-07O-D	11/7/1996	<0.02	23.5	103	0.71	--	559	<0.51	<3.23
SDW 474-M01-08GY	11/7/1996	<0.02	23.3	168	0.27	--	784	<0.51	<3.23
SDW 474-M01-09Y	11/7/1996	<0.02	22.4	130	<0.20	--	520	<0.51	<3.23
SDW 474-M01-10P	11/7/1996	<0.02	13.9	121	<0.20	--	305	<0.51	<3.23
SDW 474-M01-11GN	11/7/1996	<0.02	16.5	123	<0.20	--	232	<0.51	<3.23
SDW 474-M01-12R	11/7/1996	<0.02	11.8	83	<0.20	--	199	<0.51	<3.23
SDW 474-M01-13BU	11/7/1996	<0.02	12.4	81	0.21	--	197	<0.51	<3.23
SDW 474-M01-14BK	11/7/1996	<0.02	18.6	94	0.45	--	217	<0.51	<3.23
SDW 474-M01-15W	11/7/1996	<0.02	21.0	137	0.54	--	293	<0.51	<3.23
SDW 474-M01-01PT	5/8/1997	<0.02	37.1	58	2.27	--	211	<0.51	<3.23
SDW 474-M01-02GNT	5/8/1997	<0.02	28.9	35	0.44	--	256	<0.51	<3.23
SDW 474-M01-03RT	5/8/1997	<0.02	22.7	49	0.87	--	232	<0.51	<3.23
SDW 474-M01-04BUT	5/8/1997	<0.02	24.3	75	0.54	--	266	<0.51	<3.23
SDW 474-M01-05BKT	5/8/1997	<0.02	26.0	128	0.42	--	403	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-06WT	5/8/1997	<0.02	35.9	144	0.51	--	313	<0.51	<3.23
SDW 474-M01-06WT-D	5/8/1997	<0.02	35.4	145	0.52	--	321	<0.51	<3.23
SDW 474-M01-07O	5/8/1997	<0.02	25.6	149	0.71	--	368	<0.51	<3.23
SDW 474-M01-08GY	5/8/1997	<0.02	24.7	158	0.24	--	627	<0.51	<3.23
SDW 474-M01-09Y	5/8/1997	<0.02	23.1	148	<0.20	--	634	<0.51	<3.23
SDW 474-M01-10P	5/8/1997	<0.02	27.2	173	<0.20	--	485	<0.51	<3.23
SDW 474-M01-11GN	5/8/1997	<0.02	12.0	117	<0.20	--	222	<0.51	<3.23
SDW 474-M01-12R	5/8/1997	<0.02	21.0	76	<0.20	--	171	<0.51	<3.23
SDW 474-M01-13BU	5/8/1997	<0.02	12.0	78	0.22	--	181	<0.51	<3.23
SDW 474-M01-14BK	5/8/1997	<0.02	13.2	104	0.48	--	206	<0.51	<3.23
SDW 474-M01-15W	5/8/1997	<0.02	22.3	132	0.39	--	275	<0.51	<3.23
SDW 474-M01-15W-D	5/8/1997	<0.02	23.4	129	0.38	--	277	<0.51	<3.23
SDW 474-M01-01PT	8/14/1997	<0.02	52.4	68	3.39	--	346	<0.51	<3.23
SDW 474-M01-02GNT	8/14/1997	<0.02	33.1	34	0.35	--	304	<0.51	<3.23
SDW 474-M01-03RT	8/14/1997	<0.02	32.1	43	0.77	--	249	<0.51	<3.23
SDW 474-M01-04BUT	8/14/1997	<0.02	26.2	45	0.33	--	228	<0.51	<3.23
SDW 474-M01-05BKT	8/14/1997	<0.02	29.1	73	0.23	--	442	<0.51	<3.23
SDW 474-M01-06WT	8/14/1997	<0.02	33.1	133	0.43	--	348	<0.51	<3.23
SDW 474-M01-07O	8/14/1997	<0.02	31.1	118	0.45	--	547	<0.51	<3.23
SDW 474-M01-07O-D	8/14/1997	<0.02	27.9	121	0.47	--	547	<0.51	<3.23
SDW 474-M01-08GY	8/14/1997	<0.02	32.6	137	0.20	--	751	<0.51	<3.23
SDW 474-M01-09Y	8/14/1997	<0.02	28.7	89	<0.20	--	556	<0.51	<3.23
SDW 474-M01-10P	8/14/1997	0.2	26.2	91	<0.20	--	535	<0.51	<3.23
SDW 474-M01-11GN	8/14/1997	<0.02	16.3	74	<0.20	--	213	<0.51	<3.23
SDW 474-M01-12R	8/14/1997	<0.02	17.8	76	<0.20	--	188	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-13BU	8/14/1997	<0.02	19.3	80	0.22	--	205	<0.51	<3.23
SDW 474-M01-14BK	8/14/1997	<0.02	15.8	122	0.59	--	255	<0.51	<3.23
SDW 474-M01-15W	8/14/1997	<0.02	25.2	127	0.24	--	306	<0.51	<3.23
SDW 474-M01-01PT	10/30/1997	<0.02	22.6	43	1.85	--	275	<0.51	<3.23
SDW 474-M01-02GNT	10/30/1997	<0.02	23.0	30	0.30	--	246	<0.51	<3.23
SDW 474-M01-03RT	10/30/1997	<0.02	15.2	29	0.51	--	212	<0.51	<3.23
SDW 474-M01-04BUT	10/30/1997	<0.02	18.5	41	0.25	--	246	<0.51	<3.23
SDW 474-M01-05BKT	10/30/1997	<0.02	14.4	64	<0.20	--	394	<0.51	<3.23
SDW 474-M01-06WT	10/30/1997	<0.02	20.7	105	0.33	--	322	<0.51	<3.23
SDW 474-M01-07O	10/30/1997	<0.02	20.7	96	0.36	--	480	<0.51	<3.23
SDW 474-M01-07O-D	10/30/1997	<0.02	17.1	95	0.36	--	476	<0.51	<3.23
SDW 474-M01-08GY	10/30/1997	<0.02	21.1	122	<0.20	--	624	<0.51	<3.23
SDW 474-M01-09Y	10/30/1997	<0.02	17.4	125	<0.20	--	540	<0.51	<3.23
SDW 474-M01-10P	10/30/1997	<0.02	<10.2	53	<0.20	--	298	<0.51	<3.23
SDW 474-M01-11GN	10/30/1997	<0.02	<10.2	73	<0.20	--	183	<0.51	<3.23
SDW 474-M01-12R	10/30/1997	<0.02	<10.2	78	<0.20	--	174	<0.51	<3.23
SDW 474-M01-13BU	10/30/1997	<0.02	<10.2	84	0.23	--	195	<0.51	<3.23
SDW 474-M01-14BK	10/30/1997	<0.02	<10.2	121	0.54	--	225	<0.51	<3.23
SDW 474-M01-15W	10/30/1997	<0.02	<10.2	106	<0.20	--	264	<0.51	<3.23
SDW 474-M01-01PT	5/18/1998	<0.02	36.8	111	6.07	--	543	<0.51	<3.23
SDW 474-M01-02GNT	5/18/1998	<0.02	30.6	48	0.62	--	326	<0.51	<3.23
SDW 474-M01-03RT	5/18/1998	<0.02	23.0	32	0.62	--	272	<0.51	<3.23
SDW 474-M01-04BUT	5/18/1998	<0.02	21.8	45	0.35	--	349	<0.51	<3.23
SDW 474-M01-05BKT	5/18/1998	<0.02	18.8	81	0.25	--	585	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-05BKT-D	5/18/1998	<0.02	29.9	81	0.26	--	571	<0.51	<3.23
SDW 474-M01-06WT	5/18/1998	<0.02	21.0	53	<0.20	--	350	<0.51	<3.23
SDW 474-M01-07O	5/18/1998	<0.02	25.3	123	0.39	--	494	<0.51	<3.23
SDW 474-M01-08GY	5/18/1998	<0.02	19.5	151	0.21	--	627	<0.51	<3.23
SDW 474-M01-09Y	5/18/1998	<0.02	23.3	159	<0.20	--	553	<0.51	<3.23
SDW 474-M01-10P	5/18/1998	<0.02	<10.2	87	<0.20	--	318	<0.51	<3.23
SDW 474-M01-11GN	5/18/1998	<0.02	18.8	85	<0.20	--	201	<0.51	<3.23
SDW 474-M01-12R	5/18/1998	<0.02	15.0	78	<0.20	--	186	<0.51	<3.23
SDW 474-M01-13BU	5/18/1998	<0.02	17.5	87	0.23	--	204	<0.51	<3.23
SDW 474-M01-14BK	5/18/1998	<0.02	14.0	128	0.50	--	238	<0.51	<3.23
SDW 474-M01-14BK-D	5/18/1998	<0.02	19.8	130	0.51	--	243	<0.51	<3.23
SDW 474-M01-15W	5/18/1998	<0.02	14.5	106	<0.20	--	266	<0.51	<3.23
SDW 474-M01-01PT	11/4/1998	<0.02	27.9	32	1.41	--	244	<0.51	<3.23
SDW 474-M01-02GNT	11/4/1998	<0.02	16.2	30	0.21	--	238	<0.51	<3.23
SDW 474-M01-03RT	11/4/1998	<0.02	21.6	36	0.67	--	223	<0.51	<3.23
SDW 474-M01-04BUT	11/4/1998	<0.02	19.1	38	0.25	--	310	<0.51	<3.23
SDW 474-M01-05BKT	11/4/1998	<0.02	27.9	46	<0.20	--	561	<0.51	<3.23
SDW 474-M01-05BKT-D	11/4/1998	<0.02	14.2	49	<0.20	--	590	<0.51	<3.23
SDW 474-M01-06WT	11/4/1998	<0.02	18.6	77	0.22	--	429	<0.51	<3.23
SDW 474-M01-07O	11/4/1998	<0.02	31.4	156	0.46	--	360	<0.51	<3.23
SDW 474-M01-08GY	11/4/1998	<0.02	27.4	156	0.21	--	657	<0.51	<3.23
SDW 474-M01-09Y	11/4/1998	<0.02	26.0	230	<0.20	--	1078	<0.51	<3.23
SDW 474-M01-10P	11/4/1998	<0.02	35.8	313	<0.20	--	1255	<0.51	<3.23
SDW 474-M01-11GN	11/4/1998	<0.02	39.7	315	<0.20	--	1245	<0.51	<3.23
SDW 474-M01-12R	11/4/1998	<0.02	<10.2	93	<0.20	--	202	<0.51	<3.23

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-13BU	11/4/1998	<0.02	14.2	102	0.30	--	222	<0.51	<3.23
SDW 474-M01-14BK	11/4/1998	<0.02	25.0	143	0.54	--	277	<0.51	<3.23
SDW 474-M01-14BK-D	11/4/1998	<0.02	16.2	144	0.53	--	277	<0.51	<3.23
SDW 474-M01-15W	11/4/1998	<0.02	23.5	102	<0.20	--	288	<0.51	<3.23
SDW 474-M01-01PT	6/16/1999	0.5	25.7	38	1.05	--	257	<0.51	<3.23
SDW 474-M01-01PT-D	6/16/1999	<0.02	28.1	39	1.00	--	259	<0.51	<3.23
SDW 474-M01-02GNT	6/16/1999	<0.02	25.3	28	<0.20	--	246	<0.51	<3.23
SDW 474-M01-03RT	6/16/1999	<0.02	35.4	57	1.12	--	514	<0.51	<3.23
SDW 474-M01-04BUT	6/16/1999	<0.02	40.3	70	0.56	--	661	<0.51	<3.23
SDW 474-M01-05BKT	6/16/1999	<0.02	24.6	90	0.29	--	419	<0.51	<3.23
SDW 474-M01-06WT	6/16/1999	<0.02	35.4	117	0.35	--	398	<0.51	<3.23
SDW 474-M01-07O	6/16/1999	<0.02	40.3	158	0.38	--	668	<0.51	<3.23
SDW 474-M01-07O-D	6/16/1999	<0.02	36.4	143	0.35	--	602	<0.51	<3.23
SDW 474-M01-08GY	6/16/1999	<0.02	31.6	181	0.22	--	1057	<0.51	<3.23
SDW 474-M01-09Y	6/16/1999	<0.02	35.4	198	<0.20	--	1282	<0.51	<3.23
SDW 474-M01-10P	6/16/1999	<0.02	25.7	124	<0.20	--	1002	<0.51	<3.23
SDW 474-M01-11GN	6/16/1999	<0.02	33.7	218	<0.20	--	986	<0.51	<3.23
SDW 474-M01-12R	6/16/1999	<0.02	25.7	140	<0.20	--	261	<0.51	<3.23
SDW 474-M01-13BU	6/16/1999	<0.02	25.0	87	0.23	--	202	<0.51	<3.23
SDW 474-M01-13BU-D	6/16/1999	<0.02	22.2	83	0.21	--	197	<0.51	<3.23
SDW 474-M01-14BK	6/16/1999	<0.02	25.0	127	0.36	--	264	<0.51	<3.23
SDW 474-M01-15W	6/16/1999	<0.02	21.2	102	<0.20	--	316	<0.51	<3.23
SDW 474-M01-01PT	6/12/2000	0.1	29.7	63	3.76	<0.02	255	0.179	<2.4
SDW 474-M01-01PT-X	6/12/2000	0.5	62.4	48	0.08	<0.02	812	0.039	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-02GNT	6/12/2000	<0.09	18.4	26	0.22	<0.02	225	<0.05	<2.4
SDW 474-M01-02GNT-X	6/12/2000	<0.09	36.9	7	<0.04	<0.02	487	<0.05	<2.4
SDW 474-M01-03RT	6/12/2000	<0.09	28.2	49	1.20	<0.02	358	0.095	<2.4
SDW 474-M01-04BUT	6/12/2000	<0.09	42.3	133	1.14	<0.02	592	0.237	<2.4
SDW 474-M01-05BKT	6/12/2000	<0.09	30.9	152	0.51	<0.02	362	0.157	<2.4
SDW 474-M01-05BKT-X	6/12/2000	0.2	59.0	<4	<0.04	<0.02	910	<0.05	<2.4
SDW 474-M01-06WT	6/12/2000	<0.09	34.3	137	0.39	<0.02	431	0.066	<2.4
SDW 474-M01-06WT-D	6/12/2000	<0.09	35.8	145	0.42	<0.02	465	0.072	<2.4
SDW 474-M01-07O	6/12/2000	<0.09	31.9	88	0.21	<0.02	951	<0.05	<2.4
SDW 474-M01-08GY	6/12/2000	<0.09	26.5	88	0.11	<0.02	999	<0.05	<2.4
SDW 474-M01-09Y	6/12/2000	<0.09	26.1	129	0.08	<0.02	955	<0.05	<2.4
SDW 474-M01-10P	6/12/2000	<0.09	20.0	70	<0.04	<0.02	789	<0.05	<2.4
SDW 474-M01-11GN	6/12/2000	<0.09	16.2	70	<0.04	<0.02	382	<0.05	<2.4
SDW 474-M01-12R	6/12/2000	<0.09	16.6	88	0.06	<0.02	212	<0.05	<2.4
SDW 474-M01-13BU	6/12/2000	<0.09	19.6	132	0.35	<0.02	258	<0.05	<2.4
SDW 474-M01-14BK	6/12/2000	<0.09	17.1	131	0.28	<0.02	278	<0.05	<2.4
SDW 474-M01-15W	6/12/2000	<0.09	16.7	65	0.07	<0.02	277	<0.05	<2.4
SDW 474-M01-02GNT	6/17/2002	<0.09	26.9	40	0.43	<0.02	251	0.047	<2.4
SDW 474-M01-02GNT-X	6/17/2002	<0.09	21.5	<4	<0.04	<0.02	680	<0.05	<2.4
SDW 474-M01-03RT	6/17/2002	<0.09	35.3	61	1.26	<0.02	555	0.105	<2.4
SDW 474-M01-04BUT	6/17/2002	<0.09	32.8	75	1.02	<0.02	708	0.146	<2.4
SDW 474-M01-05BKT	6/17/2002	<0.09	39.5	177	0.76	<0.02	796	0.141	<2.4
SDW 474-M01-05BKT-X	6/17/2002	<0.09	6.7	<4	<0.04	<0.02	1411	<0.05	<2.4
SDW 474-M01-06WT	6/17/2002	<0.09	40.6	151	0.40	<0.02	707	0.073	<2.4
SDW 474-M01-07O	6/17/2002	<0.09	48.8	91	0.18	<0.02	846	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-08GY	6/17/2002	<0.09	33.1	138	0.14	<0.02	902	<0.05	<2.4
SDW 474-M01-09Y	6/17/2002	<0.09	32.4	210	0.11	<0.02	1005	<0.05	<2.4
SDW 474-M01-10P	6/17/2002	<0.09	33.7	268	0.10	<0.02	939	<0.05	<2.4
SDW 474-M01-11GN	6/17/2002	<0.09	26.0	216	0.07	<0.02	579	<0.05	<2.4
SDW 474-M01-12R	6/17/2002	<0.09	18.7	151	0.08	<0.02	263	<0.05	<2.4
SDW 474-M01-12R-D	6/17/2002	<0.09	18.5	149	0.07	<0.02	259	<0.05	<2.4
SDW 474-M01-13BU	6/17/2002	<0.09	17.0	90	0.27	<0.02	202	<0.05	<2.4
SDW 474-M01-14BK	6/17/2002	<0.09	19.1	120	0.32	<0.02	224	<0.05	<2.4
SDW 474-M01-15W	6/17/2002	<0.09	17.0	105	0.05	<0.02	214	<0.05	<2.4
SDW 474-M01-01PT	5/30/2003	<0.09	17.7	75	1.75	--	242	0.066	<2.4
SDW 474-M01-01PT-X	5/30/2003	<0.09	5.6	31	0.78	--	605	<0.05	<2.4
SDW 474-M01-02GNT	5/30/2003	<0.09	24.7	45	0.62	--	241	<0.05	<2.4
SDW 474-M01-02GNT-X	5/30/2003	<0.09	6.4	16	0.26	--	537	<0.05	<2.4
SDW 474-M01-03RT	5/30/2003	<0.09	24.6	42	0.94	--	482	0.077	<2.4
SDW 474-M01-04BUT	5/30/2003	<0.09	31.5	79	1.18	--	815	0.150	<2.4
SDW 474-M01-05BKT	5/30/2003	<0.09	36.0	189	1.11	--	918	0.157	<2.4
SDW 474-M01-05BKT-D	5/30/2003	<0.09	35.8	191	1.11	--	918	0.155	<2.4
SDW 474-M01-05BKT-X	5/30/2003	<0.09	7.5	44	0.29	--	1519	<0.05	<2.4
SDW 474-M01-05BKT-X-D	5/30/2003	<0.09	9.5	60	0.38	--	1418	<0.05	<2.4
SDW 474-M01-06WT	5/30/2003	<0.09	41.7	158	0.51	--	903	0.078	<2.4
SDW 474-M01-07O	5/30/2003	<0.09	44.0	101	0.20	--	1004	<0.05	<2.4
SDW 474-M01-08GY	5/30/2003	<0.09	45.6	240	0.26	--	1517	<0.05	<2.4
SDW 474-M01-09Y	5/30/2003	<0.09	45.8	360	0.22	--	1864	<0.05	<2.4
SDW 474-M01-10P	5/30/2003	<0.09	36.6	224	0.10	--	1350	<0.05	<2.4
SDW 474-M01-10P-D	5/30/2003	<0.09	36.1	227	0.09	--	1355	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 474-M01-11GN	5/30/2003	<0.09	28.8	305	0.12	--	989	<0.05	<2.4
SDW 474-M01-12R	5/30/2003	<0.09	19.5	184	0.12	--	499	<0.05	<2.4
SDW 474-M01-13BU	5/30/2003	<0.09	25.2	209	0.56	--	340	<0.05	<2.4
SDW 474-M01-14BK	5/30/2003	<0.09	23.9	199	0.47	--	413	<0.05	<2.4
SDW 474-M01-15W	5/30/2003	<0.09	21.1	186	0.12	--	361	<0.05	<2.4
SDW 474-M01-01PT	8/26/2004	<0.09	21.0	27	0.57	--	163	<0.05	<2.4
SDW 474-M01-01PT-X	8/26/2004	<0.09	<3.8	<4	0.04	--	762	<0.05	<2.4
SDW 474-M01-02GNT	8/26/2004	<0.09	22.3	34	0.70	--	224	<0.05	<2.4
SDW 474-M01-02GNT-X	8/26/2004	<0.09	4.2	<4	0.04	--	763	<0.05	<2.4
SDW 474-M01-03RT	8/26/2004	<0.09	23.0	46	1.31	--	252	0.087	<2.4
SDW 474-M01-04BUT	8/26/2004	<0.09	21.9	57	0.75	--	426	0.104	<2.4
SDW 474-M01-05BKT	8/26/2004	<0.09	24.1	42	0.32	--	848	<0.05	<2.4
SDW 474-M01-05BKT-X	8/26/2004	<0.09	<3.8	<4	<0.04	--	1316	<0.05	<2.4
SDW 474-M01-06WT	8/26/2004	<0.09	30.1	47	0.19	--	837	<0.05	<2.4
SDW 474-M01-07O	8/26/2004	<0.09	33.9	71	0.13	--	636	<0.05	<2.4
SDW 474-M01-08GY	8/26/2004	<0.09	24.3	54	0.06	--	720	<0.05	<2.4
SDW 474-M01-09Y	8/26/2004	<0.09	22.8	53	<0.04	--	873	<0.05	<2.4
SDW 474-M01-09Y-D	8/26/2004	<0.09	22.1	52	<0.04	--	863	<0.05	<2.4
SDW 474-M01-10P	8/26/2004	<0.09	38.9	86	0.04	--	1226	<0.05	<2.4
SDW 474-M01-11GN	8/26/2004	<0.09	44.3	219	0.09	--	1544	<0.05	<2.4
SDW 474-M01-12R	8/26/2004	<0.09	43.0	191	0.11	--	1387	<0.05	<2.4
SDW 474-M01-13BU	8/26/2004	<0.09	45.0	280	0.43	--	1537	<0.05	<2.4
SDW 474-M01-14BK	8/26/2004	<0.09	31.8	174	0.24	--	1083	<0.05	<2.4
SDW 474-M01-15W	8/26/2004	<0.09	28.9	128	0.05	--	959	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 521-M01-01PT	8/14/2001	<0.09	52.0	75	1.30	--	406	0.072	30.98
SDW 521-M01-02GNT	8/14/2001	<0.09	38.9	35	1.62	--	327	0.082	3.66
SDW 521-M01-03RT	8/14/2001	<0.09	59.4	81	0.26	--	326	<0.05	6.27
SDW 521-M01-04BUT	8/14/2001	<0.09	41.3	54	0.22	--	271	<0.05	6.04
SDW 521-M01-05BKT	8/14/2001	<0.09	34.6	77	0.41	--	245	<0.05	4.05
SDW 521-M01-06WT	8/14/2001	<0.09	27.0	119	3.90	--	396	<0.05	3.78
SDW 521-M01-07O	8/14/2001	0.2	15.2	102	58.04	--	794	<0.05	<2.4
SDW 521-M01-08GY	8/14/2001	<0.09	11.4	87	60.01	--	837	<0.05	<2.4
SDW 521-M01-09Y	8/14/2001	<0.09	8.0	69	45.22	--	837	<0.05	<2.4
SDW 521-M01-10P	8/14/2001	<0.09	<3.8	60	8.41	--	555	<0.05	<2.4
SDW 521-M01-11GN	8/14/2001	<0.09	7.2	44	1.83	--	381	<0.05	<2.4
SDW 521-M01-12R	8/14/2001	<0.09	47.3	90	0.32	--	489	<0.05	<2.4
SDW 521-M01-13BU	8/14/2001	<0.09	24.5	119	0.10	--	239	<0.05	<2.4
SDW 521-M01-13BU-D	8/14/2001	0.1	22.9	126	0.14	--	255	<0.05	<2.4
SDW 521-M01-14BK	8/14/2001	0.1	22.3	132	0.21	--	219	<0.05	<2.4
SDW 521-M01-15W	8/14/2001	0.7	22.9	138	0.49	--	235	<0.05	<2.4
SDW 521-M01-01PT	6/17/2002	--	--	--	--	--	--	--	--
SDW 521-M01-02GNT	6/17/2002	<0.09	34.0	27	1.45	<0.02	257	0.072	5.85
SDW 521-M01-03RT	6/17/2002	<0.09	44.7	37	0.14	<0.02	299	<0.05	8.21
SDW 521-M01-04BUT	6/17/2002	<0.09	36.1	41	0.13	<0.02	358	<0.05	8.45
SDW 521-M01-05BKT	6/17/2002	<0.09	31.8	63	0.34	<0.02	384	<0.05	6.38
SDW 521-M01-06WT	6/17/2002	<0.09	27.0	73	1.71	<0.02	429	<0.05	5.97
SDW 521-M01-07O	6/17/2002	<0.09	12.7	62	40.45	<0.02	797	<0.05	4.97
SDW 521-M01-08GY	6/17/2002	<0.09	12.6	64	53.25	<0.02	892	<0.05	<2.4
SDW 521-M01-09Y	6/17/2002	<0.09	6.9	58	13.35	<0.02	835	<0.05	<2.4

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 521-M01-10P	6/17/2002	<0.09	8.0	137	5.61	<0.02	598	<0.05	<2.4
SDW 521-M01-10P-D	6/17/2002	<0.09	8.1	145	6.15	<0.02	590	<0.05	<2.4
SDW 521-M01-11GN	6/17/2002	<0.09	8.1	94	1.71	<0.02	381	<0.05	<2.4
SDW 521-M01-12R	6/17/2002	<0.09	24.4	33	0.13	<0.02	268	<0.05	<2.4
SDW 521-M01-13BU	6/17/2002	<0.09	18.1	69	0.05	<0.02	247	<0.05	<2.4
SDW 521-M01-14BK	6/17/2002	<0.09	20.8	132	0.09	<0.02	202	<0.05	<2.4
SDW 521-M01-15W	6/17/2002	<0.09	19.7	129	0.08	<0.02	192	<0.05	<2.4
SDW 521-M01-01PT	6/3/2003	0.2	49.8	46	0.57	--	294	<0.05	57.86
SDW 521-M01-02GNT	6/3/2003	<0.09	23.1	43	1.25	--	345	0.053	5.44
SDW 521-M01-03RT	6/3/2003	<0.09	30.8	94	0.18	--	283	<0.05	8.42
SDW 521-M01-04BUT	6/3/2003	<0.09	32.1	79	0.14	--	371	<0.05	6.98
SDW 521-M01-05BKT	6/3/2003	<0.09	22.6	63	0.19	--	380	<0.05	6.60
SDW 521-M01-06WT	6/3/2003	<0.09	21.7	99	0.93	--	439	<0.05	4.89
SDW 521-M01-06WT-D	6/3/2003	<0.09	22.6	103	0.89	--	455	<0.05	5.13
SDW 521-M01-07O	6/3/2003	<0.09	5.4	79	47.67	--	763	<0.05	6.93
SDW 521-M01-08GY	6/3/2003	<0.09	7.4	59	14.06	--	803	<0.05	7.59
SDW 521-M01-09Y	6/3/2003	<0.09	8.1	83	4.15	--	843	<0.05	3.95
SDW 521-M01-10P	6/3/2003	<0.09	9.7	218	2.46	--	976	<0.05	<2.4
SDW 521-M01-11GN	6/3/2003	<0.09	10.3	204	5.73	--	711	<0.05	<2.4
SDW 521-M01-12R	6/3/2003	<0.09	26.6	91	0.40	--	267	<0.05	<2.4
SDW 521-M01-13BU	6/3/2003	<0.09	15.9	109	0.08	--	210	<0.05	<2.4
SDW 521-M01-14BK	6/3/2003	<0.09	17.4	119	0.16	--	261	<0.05	<2.4
SDW 521-M01-15W	6/3/2003	<0.09	14.8	95	0.12	--	253	<0.05	<2.4
SDW 521-M01-01PT	7/26/2004	0.1	43.4	43	0.29	--	311	<0.05	40.78

Table 9, part 2. Concentrations of selected inorganic solutes for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Cape Cod, Massachusetts, 1994-2004.

[Source of data: Douglas B. Kent, U.S. Geological Survey, National Research Program, Menlo Park, CA. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; -R, reanalysis of original or duplicate sample; -X, Chelex-filtered samples; μM , micromoles per liter; <, actual value is less than value shown; --, no data]

Well or multilevel-sampler port	Date	Iron, dissolved (μM)	Potassium, dissolved (μM)	Magnesium, dissolved (μM)	Manganese, dissolved (μM)	Molybdenum, dissolved (μM)	Sodium, dissolved (μM)	Nickel, dissolved (μM)	Phosphorus, dissolved (μM)
SDW 521-M01-02GNT	7/26/2004	<0.09	33.7	36	1.90	--	211	0.089	4.85
SDW 521-M01-03RT	7/26/2004	<0.09	54.1	38	0.08	--	237	<0.05	9.06
SDW 521-M01-04BUT	7/26/2004	<0.09	40.9	67	0.12	--	399	<0.05	6.26
SDW 521-M01-05BKT	7/26/2004	<0.09	35.8	107	0.31	--	678	<0.05	4.36
SDW 521-M01-06WT	7/26/2004	<0.09	28.8	94	0.55	--	534	<0.05	4.39
SDW 521-M01-07O	7/26/2004	<0.09	11.3	47	4.07	--	645	<0.05	8.78
SDW 521-M01-08GY	7/26/2004	<0.09	11.9	47	2.65	--	885	<0.05	5.64
SDW 521-M01-09Y	7/26/2004	<0.09	27.8	81	1.90	--	1137	<0.05	4.36
SDW 521-M01-10P	7/26/2004	<0.09	53.9	215	2.30	--	1428	<0.05	<2.4
SDW 521-M01-10P-D	7/26/2004	<0.09	51.5	216	2.32	--	1435	<0.05	2.69
SDW 521-M01-11GN	7/26/2004	<0.09	29.8	219	7.08	--	1043	<0.05	<2.4
SDW 521-M01-12R	7/26/2004	<0.09	58.3	167	1.14	--	612	<0.05	<2.4
SDW 521-M01-13BU	7/26/2004	<0.09	36.0	269	0.12	--	516	<0.05	<2.4
SDW 521-M01-14BK	7/26/2004	<0.09	24.2	149	0.06	--	279	<0.05	<2.4
SDW 521-M01-15W	7/26/2004	<0.09	14.3	99	<0.04	--	285	<0.05	<2.4