

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994–2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M01-01PT	11/29/1994	142	2	0
FSW 343-M01-02GNT	11/29/1994	108	1	0
FSW 343-M01-03RT	11/29/1994	75	1	0
FSW 343-M01-04BUT	11/29/1994	58	1	0
FSW 343-M01-05BKT	11/29/1994	25	0	0
FSW 343-M01-06WT	11/29/1994	25	0	0
FSW 343-M01-06WT-D	11/29/1994	17	0	0
FSW 343-M01-07O	11/29/1994	25	0	0
FSW 343-M01-08GY	11/29/1994	17	0	0
FSW 343-M01-09Y	11/29/1994	8	0	0
FSW 343-M01-10P	11/29/1994	17	0	0
FSW 343-M01-11GN	11/29/1994	8	0	0
FSW 343-M01-12R	11/29/1994	8	0	0
FSW 343-M01-13BU	11/29/1994	17	0	0
FSW 343-M01-14BK	11/29/1994	8	0	0
FSW 343-M01-15W	11/29/1994	8	0	0
FSW 343-M02-01PT	11/29/1994	258	1	0
FSW 343-M02-02GNT	11/29/1994	242	1	0
FSW 343-M02-03RT	11/29/1994	233	1	0
FSW 343-M02-04BUT	11/29/1994	283	1	0
FSW 343-M02-05BKT	11/29/1994	342	1	0
FSW 343-M02-06WT	11/29/1994	267	1	0
FSW 343-M02-07O	11/29/1994	225	1	0
FSW 343-M02-07O-D	11/29/1994	225	1	0
FSW 343-M02-08GY	11/29/1994	192	1	0
FSW 343-M02-09Y	11/29/1994	217	1	0
FSW 343-M02-10P	11/29/1994	217	2	0
FSW 343-M02-11GN	11/29/1994	225	1	0
FSW 343-M02-12R	11/29/1994	208	1	0
FSW 343-M02-13BU	11/29/1994	150	1	1
FSW 343-M02-14BK	11/29/1994	108	1	0
FSW 343-M02-15W	11/29/1994	75	1	0
FSW 343-M03-01PT (1-19)	11/29/1994	--	--	--
FSW 343-M03-02GNT (1-19)	11/29/1994	17	0	0
FSW 343-M03-03RT (1-19)	11/29/1994	17	0	0
FSW 343-M03-04BUT (1-19)	11/29/1994	58	1	0

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M03-05BKT (1-19)	11/30/1994	117	0	0
FSW 343-M03-06WT (1-19)	11/30/1994	142	1	0
FSW 343-M03-07O (1-19)	11/30/1994	200	0	0
FSW 343-M03-08GY (1-19)	11/30/1994	250	0	0
FSW 343-M03-09Y (1-19)	11/30/1994	275	0	0
FSW 343-M03-09Y (1-19)-D	11/30/1994	292	0	0
FSW 343-M03-10P (1-19)	11/30/1994	283	0	0
FSW 343-M03-11GN (1-19)	11/30/1994	242	1	0
FSW 343-M03-12R (1-19)	11/30/1994	250	1	0
FSW 343-M03-13BU (1-19)	11/29/1994	242	1	0
FSW 343-M03-14BK (1-19)	11/29/1994	217	1	0
FSW 343-M03-15W (1-19)	11/29/1994	375	1	0
FSW 343-M01-01PT	6/18/1996	151	2	--
FSW 343-M01-02GNT	6/18/1996	148	1	--
FSW 343-M01-03RT	6/18/1996	98	1	--
FSW 343-M01-04BUT	6/18/1996	90	1	--
FSW 343-M01-05BKT	6/18/1996	64	1	--
FSW 343-M01-06WT	6/18/1996	38	0	--
FSW 343-M01-06WT-D	6/18/1996	23	0	--
FSW 343-M01-07O	6/18/1996	32	0	--
FSW 343-M01-08GY	6/18/1996	--	--	--
FSW 343-M01-09Y	6/18/1996	53	0	--
FSW 343-M01-10P	6/18/1996	43	0	--
FSW 343-M01-11GN	6/18/1996	42	0	--
FSW 343-M01-12R	6/18/1996	46	0	--
FSW 343-M01-13BU	6/18/1996	--	--	--
FSW 343-M01-14BK	6/18/1996	47	0	--
FSW 343-M01-15W	6/18/1996	55	0	--
FSW 343-M02-01PT	6/17/1996	245	1	--
FSW 343-M02-02GNT	6/17/1996	269	1	--
FSW 343-M02-03RT	6/17/1996	267	1	--
FSW 343-M02-04BUT	6/18/1996	313	1	--
FSW 343-M02-05BKT	6/18/1996	292	1	--
FSW 343-M02-06WT	6/18/1996	293	1	--
FSW 343-M02-07O	6/18/1996	278	1	--
FSW 343-M02-08GY	6/18/1996	246	1	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M02-09Y	6/18/1996	228	1	--
FSW 343-M02-10P	6/18/1996	197	1	--
FSW 343-M02-11GN	6/18/1996	217	1	--
FSW 343-M02-12R	6/18/1996	199	1	--
FSW 343-M02-13BU	6/18/1996	223	1	--
FSW 343-M02-14BK	6/18/1996	198	1	--
FSW 343-M02-15W	6/18/1996	201	1	--
FSW 343-M03-01PT	6/17/1996	41	0	--
FSW 343-M03-02GNT	6/17/1996	28	0	--
FSW 343-M03-03RT	6/17/1996	18	0	--
FSW 343-M03-04BUT	6/17/1996	63	0	--
FSW 343-M03-05BKT	6/17/1996	119	0	--
FSW 343-M03-06WT	6/17/1996	148	0	--
FSW 343-M03-07O	6/17/1996	194	0	--
FSW 343-M03-08GY	6/17/1996	264	1	--
FSW 343-M03-09Y	6/17/1996	223	0	--
FSW 343-M03-10P	6/17/1996	238	1	--
FSW 343-M03-11GN	6/17/1996	236	1	--
FSW 343-M03-12R	6/17/1996	241	1	--
FSW 343-M03-13BU	6/17/1996	241	1	--
FSW 343-M03-14BK	6/17/1996	256	1	--
FSW 343-M03-15W	6/17/1996	278	1	--
FSW 343-M01-01PT	11/18/1996	211	1	0
FSW 343-M01-02GNT	11/18/1996	143	1	0
FSW 343-M01-03RT	11/18/1996	140	1	0
FSW 343-M01-04BUT	11/18/1996	104	1	0
FSW 343-M01-05BKT	11/18/1996	128	1	0
FSW 343-M01-06WT	11/18/1996	29	0	0
FSW 343-M01-07O	11/18/1996	28	0	0
FSW 343-M01-08GY	11/18/1996	18	0	0
FSW 343-M01-09Y	11/18/1996	17	0	0
FSW 343-M01-10P	11/18/1996	18	0	0
FSW 343-M01-11GN	11/18/1996	21	0	0
FSW 343-M01-12R	11/18/1996	18	0	0
FSW 343-M01-13BU	11/18/1996	--	--	--
FSW 343-M01-14BK	11/18/1996	19	0	0

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M01-15W	11/18/1996	22	0	0
FSW 343-M02-01PT	11/18/1996	266	0	0
FSW 343-M02-02GNT	11/18/1996	267	1	0
FSW 343-M02-03RT	11/18/1996	257	0	0
FSW 343-M02-04BUT	11/18/1996	305	0	0
FSW 343-M02-05BKT	11/18/1996	310	1	0
FSW 343-M02-06WT	11/18/1996	284	1	0
FSW 343-M02-07O	11/18/1996	278	1	0
FSW 343-M02-08GY	11/18/1996	273	1	0
FSW 343-M02-09Y	11/18/1996	233	1	0
FSW 343-M02-10P	11/18/1996	205	1	0
FSW 343-M02-11GN	11/18/1996	227	1	0
FSW 343-M02-12R	11/18/1996	255	1	0
FSW 343-M02-13BU	11/18/1996	263	1	0
FSW 343-M02-14BK	11/18/1996	223	1	0
FSW 343-M02-15W	11/18/1996	173	1	0
FSW 343-M03-01PT	11/18/1996	52	0	0
FSW 343-M03-02GNT	11/18/1996	57	0	0
FSW 343-M03-03RT	11/18/1996	49	0	0
FSW 343-M03-04BUT	11/18/1996	46	0	0
FSW 343-M03-05BKT	11/18/1996	75	0	0
FSW 343-M03-06WT	11/18/1996	119	0	0
FSW 343-M03-07O	11/18/1996	163	0	0
FSW 343-M03-08GY	11/18/1996	231	0	0
FSW 343-M03-09Y	11/18/1996	272	0	0
FSW 343-M03-10P	11/18/1996	277	1	0
FSW 343-M03-11GN	11/18/1996	293	1	0
FSW 343-M03-12R	11/18/1996	297	1	0
FSW 343-M03-13BU	11/18/1996	306	1	0
FSW 343-M03-14BK	11/18/1996	314	1	0
FSW 343-M03-15W	11/18/1996	317	1	0
FSW 343-M01-01PT	2/19/1997	--	--	--
FSW 343-M01-02GNT	2/19/1997	--	--	--
FSW 343-M01-03RT	2/19/1997	--	--	--
FSW 343-M01-04BUT	2/19/1997	--	--	--

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M01-05BKT	2/19/1997	--	--	--
FSW 343-M01-06WT	2/19/1997	--	--	--
FSW 343-M01-07O	2/19/1997	--	--	--
FSW 343-M01-08GY	2/19/1997	--	--	--
FSW 343-M01-09Y	2/19/1997	--	--	--
FSW 343-M01-10P	2/19/1997	--	--	--
FSW 343-M02-01PT	2/19/1997	--	--	--
FSW 343-M02-02GNT	2/19/1997	--	--	--
FSW 343-M02-03RT	2/19/1997	--	--	--
FSW 343-M02-04BUT	2/19/1997	--	--	--
FSW 343-M02-05BKT	2/19/1997	--	--	--
FSW 343-M02-06WT	2/19/1997	--	--	--
FSW 343-M02-07O	2/19/1997	--	--	--
FSW 343-M02-08GY	2/19/1997	--	--	--
FSW 343-M02-09Y	2/19/1997	--	--	--
FSW 343-M02-10P	2/19/1997	--	--	--
FSW 343-M02-11GN	2/19/1997	--	--	--
FSW 343-M02-12R	2/19/1997	--	--	--
FSW 343-M02-13BU	2/19/1997	--	--	--
FSW 343-M02-14BK	2/19/1997	--	--	--
FSW 343-M02-15W	2/19/1997	--	--	--
FSW 343-M03-01PT (1-19)	2/19/1997	--	--	--
FSW 343-M03-02GNT (1-19)	2/19/1997	--	--	--
FSW 343-M03-03RT (1-19)	2/19/1997	--	--	--
FSW 343-M03-04BUT (1-19)	2/19/1997	--	--	--
FSW 343-M03-05BKT (1-19)	2/19/1997	--	--	--
FSW 343-M03-06WT (1-19)	2/19/1997	--	--	--
FSW 343-M03-07O (1-19)	2/19/1997	--	--	--
FSW 343-M03-08GY (1-19)	2/19/1997	--	--	--
FSW 343-M03-09Y (1-19)	2/19/1997	--	--	--
FSW 343-M03-10P (1-19)	2/19/1997	--	--	--
FSW 343-M03-11GN (1-19)	2/19/1997	--	--	--
FSW 343-M03-12R (1-19)	2/19/1997	--	--	--
FSW 343-M03-13BU (1-19)	2/19/1997	--	--	--
FSW 343-M03-14BK (1-19)	2/19/1997	--	--	--
FSW 343-M03-15W (1-19)	2/19/1997	--	--	--

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M01-01PT	5/14/1997	--	--	--
FSW 343-M01-02GNT	5/14/1997	98	1	0
FSW 343-M01-03RT	5/14/1997	107	1	0
FSW 343-M01-04BUT	5/14/1997	76	1	0
FSW 343-M01-05BKT	5/14/1997	45	1	0
FSW 343-M01-06WT	5/14/1997	23	0	0
FSW 343-M01-07O	5/14/1997	17	0	0
FSW 343-M01-08GY	5/14/1997	16	0	0
FSW 343-M01-09Y	5/14/1997	15	0	0
FSW 343-M01-10P	5/14/1997	18	0	0
FSW 343-M02-01PT	5/15/1997	--	--	--
FSW 343-M02-02GNT	5/15/1997	--	--	--
FSW 343-M02-03RT	5/15/1997	353	2	0
FSW 343-M02-04BUT	5/15/1997	350	2	0
FSW 343-M02-05BKT	5/15/1997	250	3	0
FSW 343-M02-06WT	5/15/1997	259	3	0
FSW 343-M02-07O	5/15/1997	258	2	0
FSW 343-M02-08GY	5/15/1997	265	2	0
FSW 343-M02-09Y	5/15/1997	255	2	0
FSW 343-M02-10P	5/15/1997	198	2	0
FSW 343-M02-11GN	5/15/1997	193	2	0
FSW 343-M02-12R	5/15/1997	223	2	1
FSW 343-M02-13BU	5/15/1997	171	1	1
FSW 343-M02-14BK	5/15/1997	130	1	1
FSW 343-M02-15W	5/15/1997	68	1	0
FSW 343-M03-01PT (1-19)	5/15/1997	26	0	0
FSW 343-M03-02GNT (1-19)	5/15/1997	23	0	0
FSW 343-M03-03RT (1-19)	5/15/1997	37	0	--
FSW 343-M03-04BUT (1-19)	5/15/1997	66	0	0
FSW 343-M03-05BKT (1-19)	5/15/1997	114	0	0
FSW 343-M03-06WT (1-19)	5/15/1997	144	0	0
FSW 343-M03-07O (1-19)	5/15/1997	207	1	0
FSW 343-M03-08GY (1-19)	5/15/1997	207	1	0
FSW 343-M03-09Y (1-19)	5/15/1997	212	1	0
FSW 343-M03-10P (1-19)	5/15/1997	225	1	0

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M03-11GN (1-19)	5/15/1997	232	1	0
FSW 343-M03-12R (1-19)	5/15/1997	231	1	0
FSW 343-M03-13BU (1-19)	5/15/1997	246	1	0
FSW 343-M03-14BK (1-19)	5/15/1997	253	2	0
FSW 343-M03-15W (1-19)	5/15/1997	288	2	0
FSW 343-M01-01PT	8/6/1997	--	--	--
FSW 343-M01-02GNT	8/6/1997	57	--	0
FSW 343-M01-03RT	8/6/1997	110	--	0
FSW 343-M01-04BUT	8/6/1997	71	--	0
FSW 343-M01-05BKT	8/6/1997	63	--	0
FSW 343-M01-06WT	8/6/1997	23	--	0
FSW 343-M01-07O	8/6/1997	55	--	0
FSW 343-M01-08GY	8/6/1997	24	--	0
FSW 343-M01-09Y	8/6/1997	22	--	0
FSW 343-M01-10P	8/6/1997	20	--	0
FSW 343-M02-01PT	8/6/1997	--	--	--
FSW 343-M02-02GNT	8/6/1997	--	--	--
FSW 343-M02-03RT	8/6/1997	307	--	0
FSW 343-M02-04BUT	8/6/1997	165	--	0
FSW 343-M02-05BKT	8/6/1997	151	--	0
FSW 343-M02-06WT	8/6/1997	203	--	0
FSW 343-M02-07O	8/6/1997	246	--	0
FSW 343-M02-08GY	8/6/1997	255	--	0
FSW 343-M02-09Y	8/6/1997	178	--	0
FSW 343-M02-10P	8/6/1997	218	--	0
FSW 343-M02-11GN	8/6/1997	217	--	1
FSW 343-M02-12R	8/6/1997	107	--	0
FSW 343-M02-13BU	8/6/1997	64	--	0
FSW 343-M02-14BK	8/6/1997	69	--	0
FSW 343-M02-15W	8/6/1997	56	--	0
FSW 343-M03-01PT	8/7/1997	43	--	0
FSW 343-M03-02GNT	8/7/1997	45	--	0
FSW 343-M03-03RT	8/7/1997	43	--	0
FSW 343-M03-04BUT	8/7/1997	105	--	0
FSW 343-M03-05BKT	8/7/1997	196	--	0

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M03-06WT	8/7/1997	238	--	0
FSW 343-M03-07O	8/7/1997	295	--	0
FSW 343-M03-08GY	8/7/1997	327	--	0
FSW 343-M03-09Y	8/7/1997	352	--	0
FSW 343-M03-10P	8/7/1997	329	--	0
FSW 343-M03-11GN	8/7/1997	313	--	0
FSW 343-M03-12R	8/7/1997	299	--	0
FSW 343-M03-13BU	8/7/1997	297	--	0
FSW 343-M03-14BK	8/7/1997	300	--	0
FSW 343-M03-15W	8/7/1997	370	--	0
FSW 343-M01-01PT	10/30/1997	--	--	--
FSW 343-M01-02GNT	10/30/1997	51	0	0
FSW 343-M01-03RT	10/30/1997	67	0	0
FSW 343-M01-04BUT	10/30/1997	56	0	0
FSW 343-M01-05BKT	10/30/1997	19	0	0
FSW 343-M01-06WT	10/30/1997	18	0	0
FSW 343-M01-07O	10/30/1997	19	0	0
FSW 343-M01-08GY	10/30/1997	18	0	0
FSW 343-M01-09Y	10/30/1997	16	0	0
FSW 343-M01-10P	10/30/1997	15	0	0
FSW 343-M02-01PT	10/30/1997	--	--	--
FSW 343-M02-02GNT	10/30/1997	--	--	--
FSW 343-M02-03RT	10/30/1997	229	0	0
FSW 343-M02-04BUT	10/30/1997	152	0	0
FSW 343-M02-05BKT	10/30/1997	132	0	0
FSW 343-M02-06WT	10/30/1997	145	0	0
FSW 343-M02-07O	10/30/1997	173	0	0
FSW 343-M02-08GY	10/30/1997	188	0	0
FSW 343-M02-09Y	10/30/1997	186	0	0
FSW 343-M02-10P	10/30/1997	173	0	1
FSW 343-M02-11GN	10/30/1997	139	0	1
FSW 343-M02-12R	10/30/1997	103	0	1
FSW 343-M02-13BU	10/30/1997	53	0	0
FSW 343-M02-14BK	10/30/1997	42	0	0
FSW 343-M02-15W	10/30/1997	55	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M03-01PT (1-19)	10/30/1997	30	0	0
FSW 343-M03-02GNT (1-19)	10/30/1997	31	0	0
FSW 343-M03-03RT (1-19)	10/30/1997	41	0	0
FSW 343-M03-04BUT (1-19)	10/30/1997	76	0	0
FSW 343-M03-05BKT (1-19)	10/30/1997	141	0	0
FSW 343-M03-06WT (1-19)	10/30/1997	194	0	0
FSW 343-M03-07O (1-19)	10/30/1997	343	0	0
FSW 343-M03-08GY (1-19)	10/30/1997	295	0	0
FSW 343-M03-09Y (1-19)	10/30/1997	308	0	0
FSW 343-M03-10P (1-19)	10/30/1997	324	0	0
FSW 343-M03-11GN (1-19)	10/30/1997	306	0	0
FSW 343-M03-12R (1-19)	10/30/1997	295	0	0
FSW 343-M03-13BU (1-19)	10/30/1997	--	--	--
FSW 343-M03-14BK (1-19)	10/30/1997	294	0	0
FSW 343-M03-15W (1-19)	10/30/1997	292	0	0
FSW 343-M01-01PT	6/2/1998	--	--	--
FSW 343-M01-02GNT	6/2/1998	70	0	0
FSW 343-M01-03RT	6/2/1998	58	--	0
FSW 343-M01-04BUT	6/2/1998	66	--	0
FSW 343-M01-05BKT	6/2/1998	21	--	0
FSW 343-M01-06WT	6/2/1998	20	--	0
FSW 343-M01-07O	6/2/1998	20	--	0
FSW 343-M01-08GY	6/2/1998	19	--	0
FSW 343-M01-09Y	6/2/1998	18	--	0
FSW 343-M01-10P	6/2/1998	17	--	0
FSW 343-M01-11GN	6/2/1998	--	--	--
FSW 343-M01-12R	6/2/1998	--	--	--
FSW 343-M01-13BU	6/2/1998	--	--	--
FSW 343-M01-14BK	6/2/1998	17	--	0
FSW 343-M01-15W	6/2/1998	19	--	0
FSW 343-M02-01PT	6/2/1998	--	--	--
FSW 343-M02-02GNT	6/2/1998	--	--	--
FSW 343-M02-03RT	6/2/1998	127	2	0
FSW 343-M02-04BUT	6/2/1998	134	2	0
FSW 343-M02-05BKT	6/2/1998	152	1	0
FSW 343-M02-06WT	6/2/1998	121	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M02-07O	6/2/1998	143	2	0
FSW 343-M02-08GY	6/2/1998	90	1	0
FSW 343-M02-09Y	6/2/1998	95	--	0
FSW 343-M02-10P	6/2/1998	110	1	0
FSW 343-M02-11GN	6/2/1998	83	--	0
FSW 343-M02-12R	6/2/1998	56	0	0
FSW 343-M02-13BU	6/2/1998	44	0	0
FSW 343-M02-14BK	6/2/1998	41	--	0
FSW 343-M02-15W	6/2/1998	53	0	0
FSW 343-M03-01PT (1-19)	6/2/1998	29	0	0
FSW 343-M03-02GNT (1-19)	6/2/1998	27	0	0
FSW 343-M03-03RT (1-19)	6/2/1998	34	--	0
FSW 343-M03-04BUT (1-19)	6/2/1998	62	--	0
FSW 343-M03-05BKT (1-19)	6/2/1998	132	0	0
FSW 343-M03-06WT (1-19)	6/2/1998	171	0	0
FSW 343-M03-07O (1-19)	6/2/1998	219	1	0
FSW 343-M03-08GY (1-19)	6/2/1998	238	1	0
FSW 343-M03-09Y (1-19)	6/2/1998	266	1	0
FSW 343-M03-10P (1-19)	6/2/1998	267	1	0
FSW 343-M03-11GN (1-19)	6/2/1998	253	1	0
FSW 343-M03-12R (1-19)	6/2/1998	255	1	0
FSW 343-M03-13BU (1-19)	6/2/1998	268	1	0
FSW 343-M03-14BK (1-19)	6/2/1998	240	1	0
FSW 343-M03-15W (1-19)	6/2/1998	232	1	0
FSW 343-M01-01PT	11/10/1998	--	--	--
FSW 343-M01-02GNT	11/10/1998	41	--	0
FSW 343-M01-03RT	11/10/1998	40	--	0
FSW 343-M01-04BUT	11/10/1998	33	--	0
FSW 343-M01-05BKT	11/10/1998	19	--	0
FSW 343-M01-06WT	11/10/1998	17	--	0
FSW 343-M01-07O	11/10/1998	16	--	0
FSW 343-M01-08GY	11/10/1998	19	--	0
FSW 343-M01-09Y	11/10/1998	21	--	0
FSW 343-M01-10P	11/10/1998	21	--	0
		--	--	--
FSW 343-M02-01PT	11/10/1998	--	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M02-02GNT	11/10/1998	--	--	--
FSW 343-M02-03RT	11/10/1998	137	--	0
FSW 343-M02-04BUT	11/10/1998	127	--	0
FSW 343-M02-05BKT	11/10/1998	111	--	0
FSW 343-M02-06WT	11/10/1998	108	--	0
FSW 343-M02-07O	11/10/1998	107	--	0
FSW 343-M02-08GY	11/10/1998	93	--	0
FSW 343-M02-09Y	11/10/1998	73	--	0
FSW 343-M02-10P	11/10/1998	63	--	0
FSW 343-M02-11GN	11/10/1998	50	--	0
FSW 343-M02-12R	11/10/1998	48	--	0
FSW 343-M02-13BU	11/10/1998	72	--	0
FSW 343-M02-14BK	11/10/1998	41	--	0
FSW 343-M02-15W	11/10/1998	47	--	0
FSW 343-M03-01PT	11/10/1998	35	--	0
FSW 343-M03-02GNT	11/10/1998	39	--	0
FSW 343-M03-03RT	11/10/1998	57	--	0
FSW 343-M03-04BUT	11/10/1998	108	--	0
FSW 343-M03-05BKT	11/10/1998	165	--	0
FSW 343-M03-06WT	11/10/1998	215	--	0
FSW 343-M03-07O	11/10/1998	264	--	0
FSW 343-M03-08GY	11/10/1998	291	--	0
FSW 343-M03-09Y	11/10/1998	273	--	0
FSW 343-M03-10P	11/10/1998	256	--	0
FSW 343-M03-11GN	11/10/1998	230	--	0
FSW 343-M03-12R	11/10/1998	208	--	0
FSW 343-M03-13BU	11/10/1998	192	--	0
FSW 343-M03-14BK	11/10/1998	185	--	0
FSW 343-M03-15W	11/10/1998	173	--	0
FSW 343-M01-01PT	6/8/1999	--	--	--
FSW 343-M01-02GNT	6/8/1999	43	--	0
FSW 343-M01-03RT	6/8/1999	26	--	0
FSW 343-M01-04BUT	6/8/1999	22	--	0
FSW 343-M01-05BKT	6/8/1999	17	--	0
FSW 343-M01-06WT	6/8/1999	15	--	0
FSW 343-M01-07O	6/8/1999	18	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M01-08GY	6/8/1999	16	--	0
FSW 343-M01-09Y	6/8/1999	16	--	0
FSW 343-M01-10P	6/8/1999	14	--	0
FSW 343-M02-01PT	6/8/1999	--	--	--
FSW 343-M02-02GNT	6/8/1999	--	--	--
FSW 343-M02-03RT	6/8/1999	173	--	0
FSW 343-M02-04BUT	6/8/1999	119	--	0
FSW 343-M02-05BKT	6/8/1999	118	--	0
FSW 343-M02-06WT	6/8/1999	103	--	0
FSW 343-M02-07O	6/8/1999	71	--	0
FSW 343-M02-08GY	6/8/1999	74	--	0
FSW 343-M02-09Y	6/8/1999	71	--	0
FSW 343-M02-10P	6/8/1999	41	--	0
FSW 343-M02-11GN	6/8/1999	62	--	1
FSW 343-M02-12R	6/8/1999	58	--	0
FSW 343-M02-13BU	6/8/1999	59	--	0
FSW 343-M02-14BK	6/8/1999	45	--	0
FSW 343-M02-15W	6/8/1999	42	--	0
FSW 343-M03-01PT	6/8/1999	29	--	0
FSW 343-M03-02GNT	6/8/1999	32	--	0
FSW 343-M03-03RT	6/8/1999	92	--	0
FSW 343-M03-04BUT	6/8/1999	--	--	--
FSW 343-M03-05BKT	6/8/1999	214	--	0
FSW 343-M03-06WT	6/8/1999	248	--	0
FSW 343-M03-07O	6/8/1999	272	--	0
FSW 343-M03-08GY	6/8/1999	238	--	0
FSW 343-M03-09Y	6/8/1999	188	--	0
FSW 343-M03-10P	6/8/1999	167	--	0
FSW 343-M03-11GN	6/8/1999	148	--	0
FSW 343-M03-12R	6/8/1999	152	--	0
FSW 343-M03-13BU	6/8/1999	--	--	--
FSW 343-M03-14BK	6/8/1999	184	--	0
FSW 343-M03-15W	6/8/1999	225	--	0
FSW 343-M01-01PT	6/13/2000	--	--	--
FSW 343-M01-02GNT	6/13/2000	30	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M01-03RT	6/13/2000	31	--	0
FSW 343-M01-04BUT	6/13/2000	27	--	0
FSW 343-M01-05BKT	6/13/2000	99	--	0
FSW 343-M01-06WT	6/13/2000	19	--	0
FSW 343-M01-07O	6/13/2000	66	--	0
FSW 343-M01-08GY	6/13/2000	22	--	0
FSW 343-M01-09Y	6/13/2000	15	--	0
FSW 343-M01-10P	6/13/2000	15	--	0
FSW 343-M02-01PT	6/14/2000	--	--	--
FSW 343-M02-02GNT	6/14/2000	--	--	--
FSW 343-M02-03RT	6/14/2000	122	--	0
FSW 343-M02-04BUT	6/14/2000	133	--	0
FSW 343-M02-05BKT	6/14/2000	161	--	0
FSW 343-M02-06WT	6/14/2000	--	--	--
FSW 343-M02-07O	6/13/2000	123	--	0
FSW 343-M02-08GY	6/13/2000	134	--	0
FSW 343-M02-09Y	6/13/2000	150	--	0
FSW 343-M02-10P	6/13/2000	142	--	0
FSW 343-M02-11GN	6/13/2000	134	--	0
FSW 343-M02-12R	6/13/2000	115	--	0
FSW 343-M02-13BU	6/13/2000	34	--	0
FSW 343-M02-14BK	6/13/2000	33	--	0
FSW 343-M02-15W	6/13/2000	34	--	0
FSW 343-M03-01PT (1-19)	6/14/2000	--	--	--
FSW 343-M03-02GNT (1-19)	6/14/2000	40	--	0
FSW 343-M03-03RT (1-19)	6/14/2000	52	--	0
FSW 343-M03-04BUT (1-19)	6/14/2000	--	--	--
FSW 343-M03-05BKT (1-19)	6/14/2000	212	--	0
FSW 343-M03-06WT (1-19)	6/14/2000	--	--	--
FSW 343-M03-07O (1-19)	6/14/2000	270	--	0
FSW 343-M03-08GY (1-19)	6/14/2000	198	--	0
FSW 343-M03-09Y (1-19)	6/14/2000	138	--	0
FSW 343-M03-10P (1-19)	6/14/2000	125	--	0
FSW 343-M03-11GN (1-19)	6/14/2000	152	--	0
FSW 343-M03-12R (1-19)	6/14/2000	113	--	0
FSW 343-M03-13BU (1-19)	6/14/2000	108	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M03-14BK (1-19)	6/14/2000	--	--	--
FSW 343-M03-15W (1-19)	6/14/2000	112	--	0
FSW 343-M01-01PT	6/18/2002	--	--	--
FSW 343-M01-02GNT	6/18/2002	--	--	--
FSW 343-M01-03RT	6/18/2002	--	--	--
FSW 343-M01-04BUT	6/18/2002	30	--	0
FSW 343-M01-05BKT	6/18/2002	22	--	0
FSW 343-M01-06WT	6/18/2002	16	--	0
FSW 343-M01-07O	6/18/2002	18	--	0
FSW 343-M01-08GY	6/18/2002	29	--	0
FSW 343-M01-09Y	6/18/2002	30	--	0
FSW 343-M01-10P	6/18/2002	15	--	0
FSW 343-M02-01PT	6/18/2002	--	--	--
FSW 343-M02-02GNT	6/18/2002	--	--	--
FSW 343-M02-03RT	6/18/2002	139	--	0
FSW 343-M02-04BUT	6/18/2002	184	--	0
FSW 343-M02-05BKT	6/18/2002	215	--	0
FSW 343-M02-06WT	6/18/2002	238	--	0
FSW 343-M02-07O	6/18/2002	178	--	0
FSW 343-M02-08GY	6/18/2002	216	--	0
FSW 343-M02-09Y	6/18/2002	--	--	--
FSW 343-M02-10P	6/18/2002	133	--	0
FSW 343-M02-11GN	6/18/2002	88	--	0
FSW 343-M02-12R	6/18/2002	48	--	0
FSW 343-M02-13BU	6/18/2002	30	--	0
FSW 343-M02-14BK	6/18/2002	49	--	0
FSW 343-M02-15W	6/18/2002	25	--	0
FSW 343-M03-01PT (1-19)	6/18/2002	--	--	--
FSW 343-M03-02GNT (1-19)	6/18/2002	--	--	--
FSW 343-M03-03RT (1-19)	6/18/2002	62	--	0
FSW 343-M03-04BUT (1-19)	6/18/2002	96	--	0
FSW 343-M03-05BKT (1-19)	6/18/2002	173	--	0
FSW 343-M03-06WT (1-19)	6/18/2002	193	--	0
FSW 343-M03-06WT (1-19)-D	6/18/2002	212	--	0
FSW 343-M03-07O (1-19)	6/18/2002	227	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M03-08GY (1-19)	6/18/2002	233	--	--
FSW 343-M03-08GY (1-19)	6/18/2002	226	--	--
FSW 343-M03-09Y (1-19)	6/18/2002	211	--	--
FSW 343-M03-10P (1-19)	6/18/2002	163	--	0
FSW 343-M03-12R (1-19)	6/18/2002	153	--	--
FSW 343-M03-13BU (1-19)	6/18/2002	138	--	0
FSW 343-M03-14BK (1-19)	6/18/2002	133	--	0
FSW 343-M03-15W (1-19)	6/18/2002	133	--	0
FSW 343-M01-01PT	8/24/2004	31	--	--
FSW 343-M01-02GNT	8/24/2004	26	--	--
FSW 343-M01-03RT	8/24/2004	26	--	--
FSW 343-M01-04BUT	8/24/2004	--	--	--
FSW 343-M01-05BKT	8/24/2004	28	--	--
FSW 343-M01-05BKT-D	8/24/2004	33	--	--
FSW 343-M01-06WT	8/24/2004	20	--	--
FSW 343-M01-07O	8/24/2004	20	--	--
FSW 343-M01-08GY	8/24/2004	18	--	--
FSW 343-M01-09Y	8/24/2004	27	--	--
FSW 343-M01-10P	8/24/2004	22	--	--
FSW 343-M01-11GN	8/24/2004	19	--	--
FSW 343-M01-12R	8/24/2004	17	--	--
FSW 343-M01-13BU	8/24/2004	29	--	--
FSW 343-M01-13BU-D	8/24/2004	26	--	--
FSW 343-M01-14BK	8/24/2004	28	--	--
FSW 343-M01-15W	8/24/2004	20	--	--
FSW 343-M02-01PT	8/23/2004	222	--	--
FSW 343-M02-02GNT	8/23/2004	121	--	--
FSW 343-M02-03RT	8/23/2004	96	--	--
FSW 343-M02-04BUT	8/23/2004	86	--	--
FSW 343-M02-05BKT	8/23/2004	86	--	--
FSW 343-M02-05BKT-D	8/23/2004	85	--	--
FSW 343-M02-06WT	8/23/2004	78	--	--
FSW 343-M02-07O	8/23/2004	81	--	--
FSW 343-M02-08GY	8/23/2004	76	--	--
FSW 343-M02-09Y	8/23/2004	57	--	--
FSW 343-M02-10P	8/23/2004	53	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 343-M02-11GN	8/23/2004	48	--	--
FSW 343-M02-12R	8/23/2004	49	--	--
FSW 343-M02-13BU	8/23/2004	--	--	--
FSW 343-M02-14BK	8/23/2004	41	--	--
FSW 343-M02-15W	8/23/2004	33	--	--
FSW 343-M03-01PT	8/24/2004	38	--	--
FSW 343-M03-02GNT	8/24/2004	38	--	--
FSW 343-M03-03RT	8/24/2004	44	--	--
FSW 343-M03-04BUT	8/24/2004	102	--	--
FSW 343-M03-05BKT	8/24/2004	157	--	--
FSW 343-M03-06WT	8/24/2004	189	--	--
FSW 343-M03-06WT-D	8/24/2004	188	--	--
FSW 343-M03-07O	8/24/2004	232	--	--
FSW 343-M03-08GY	8/24/2004	285	--	--
FSW 343-M03-09Y	8/24/2004	288	--	--
FSW 343-M03-10P	8/24/2004	287	--	--
FSW 343-M03-11GN	8/24/2004	259	--	--
FSW 343-M03-12R	8/24/2004	204	--	--
FSW 343-M03-13BU	8/24/2004	157	--	--
FSW 343-M03-14BK	8/24/2004	127	--	--
FSW 343-M03-15W	8/24/2004	113	--	--
FSW 424-M01-01PT	12/1/1994	175	1	0
FSW 424-M01-02GNT	12/1/1994	192	1	--
FSW 424-M01-03RT	12/1/1994	183	2	0
FSW 424-M01-04BUT	12/1/1994	200	2	0
FSW 424-M01-05BKT	12/1/1994	200	2	0
FSW 424-M01-06WT	12/1/1994	167	1	0
FSW 424-M01-07O	12/1/1994	117	2	0
FSW 424-M01-08GY	12/1/1994	125	1	--
FSW 424-M01-09Y	12/1/1994	83	1	0
FSW 424-M01-10P	12/1/1994	67	1	0
FSW 424-M01-11GN	12/1/1994	42	1	0
FSW 424-M01-12R	12/1/1994	25	0	0
FSW 424-M01-13BU	12/1/1994	17	0	0
FSW 424-M01-13BU-D	12/1/1994	17	0	0
FSW 424-M01-14BK	12/1/1994	8	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M01-15W	12/1/1994	8	0	0
FSW 424-M02-01PT (72-13)	12/2/1994	17	0	0
FSW 424-M02-02GNT (72-13)	12/2/1994	8	0	--
FSW 424-M02-03RT (72-13)	12/2/1994	8	0	0
FSW 424-M02-04BUT (72-13)	12/2/1994	8	0	0
FSW 424-M02-05BKT (72-13)	12/2/1994	17	0	0
FSW 424-M02-06WT (72-13)	12/2/1994	25	0	0
FSW 424-M02-07O (72-13)	12/2/1994	67	0	0
FSW 424-M02-08GY (72-13)	12/2/1994	100	0	--
FSW 424-M02-09Y (72-13)	12/2/1994	150	1	0
FSW 424-M02-10P (72-13)	12/2/1994	167	1	0
FSW 424-M02-11GN (72-13)	12/2/1994	175	1	0
FSW 424-M02-12R (72-13)	12/2/1994	208	1	0
FSW 424-M02-13BU (72-13)	12/2/1994	208	1	0
FSW 424-M02-14BK (72-13)	12/2/1994	183	1	0
FSW 424-M02-14BK (72-13)-D	12/2/1994	183	1	0
FSW 424-M02-15W (72-13)	12/2/1994	158	1	0
FSW 424-M01-01PT	7/9/1996	148	1	--
FSW 424-M01-02GNT	7/9/1996	134	1	--
FSW 424-M01-03RT	7/9/1996	118	1	--
FSW 424-M01-04BUT	7/9/1996	106	1	--
FSW 424-M01-05BKT	7/9/1996	80	1	--
FSW 424-M01-06WT	7/9/1996	81	1	--
FSW 424-M01-07O	7/9/1996	78	1	--
FSW 424-M01-08GY	7/9/1996	60	1	--
FSW 424-M01-09Y	7/9/1996	45	0	--
FSW 424-M01-10P	7/9/1996	27	0	--
FSW 424-M01-11GN	7/9/1996	18	0	--
FSW 424-M01-12R	7/9/1996	17	0	--
FSW 424-M01-13BU	7/9/1996	8	0	--
FSW 424-M01-14BK	7/9/1996	0	0	--
FSW 424-M01-15W	7/9/1996	0	0	--
FSW 424-M02-01PT (72-13)	7/10/1996	40	0	--
FSW 424-M02-02GNT (72-13)	7/10/1996	44	0	--
FSW 424-M02-03RT (72-13)	7/10/1996	27	0	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M02-04BUT (72-13)	7/10/1996	24	0	--
FSW 424-M02-05BKT (72-13)	7/10/1996	23	0	--
FSW 424-M02-06WT (72-13)	7/10/1996	38	0	--
FSW 424-M02-07O (72-13)	7/10/1996	65	0	--
FSW 424-M02-08GY (72-13)	7/10/1996	92	0	--
FSW 424-M02-09Y (72-13)	7/10/1996	113	0	--
FSW 424-M02-10P (72-13)	7/10/1996	142	1	--
FSW 424-M02-11GN (72-13)	7/10/1996	164	1	--
FSW 424-M02-12R (72-13)	7/10/1996	158	1	--
FSW 424-M02-13BU (72-13)	7/10/1996	176	1	--
FSW 424-M02-14BK (72-13)	7/10/1996	183	1	--
FSW 424-M02-15W (72-13)	7/10/1996	186	1	--
FSW 424-M01-01PT	6/11/1997	234	2	0
FSW 424-M01-02GNT	6/11/1997	242	2	0
FSW 424-M01-03RT	6/11/1997	183	2	0
FSW 424-M01-04BUT	6/11/1997	170	2	0
FSW 424-M01-05BKT	6/11/1997	106	1	0
FSW 424-M01-06WT	6/11/1997	98	1	0
FSW 424-M01-07O	6/11/1997	97	1	0
FSW 424-M01-08GY	6/11/1997	103	1	0
FSW 424-M01-09Y	6/11/1997	98	1	0
FSW 424-M01-10P	6/11/1997	82	1	0
FSW 424-M01-11GN	6/11/1997	83	0	0
FSW 424-M01-12R	6/11/1997	78	0	0
FSW 424-M01-13BU	6/11/1997	66	0	0
FSW 424-M01-14BK	6/11/1997	106	0	0
FSW 424-M01-15W	6/11/1997	88	0	0
FSW 424-M02-01PT (72-13)	6/11/1997	54	0	0
FSW 424-M02-02GNT (72-13)	6/11/1997	53	1	0
FSW 424-M02-03RT (72-13)	6/11/1997	43	0	0
FSW 424-M02-04BUT (72-13)	6/11/1997	35	0	0
FSW 424-M02-05BKT (72-13)	6/11/1997	30	0	0
FSW 424-M02-06WT (72-13)	6/11/1997	35	0	0
FSW 424-M02-07O (72-13)	6/11/1997	63	0	0
FSW 424-M02-08GY (72-13)	6/11/1997	92	1	0
FSW 424-M02-09Y (72-13)	6/11/1997	133	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M02-10P (72-13)	6/11/1997	188	2	0
FSW 424-M02-11GN (72-13)	6/11/1997	207	2	0
FSW 424-M02-12R (72-13)	6/11/1997	214	2	0
FSW 424-M02-13BU (72-13)	6/11/1997	217	2	0
FSW 424-M02-14BK (72-13)	6/11/1997	210	2	0
FSW 424-M02-15W (72-13)	6/11/1997	207	2	0
FSW 424-M01-01PT	6/10/1998	208	1	0
FSW 424-M01-02GNT	6/10/1998	192	2	0
FSW 424-M01-03RT	6/10/1998	213	2	0
FSW 424-M01-04BUT	6/10/1998	203	1	0
FSW 424-M01-05BKT	6/10/1998	202	2	0
FSW 424-M01-06WT	6/10/1998	137	1	0
FSW 424-M01-07O	6/10/1998	110	1	0
FSW 424-M01-08GY	6/10/1998	103	--	0
FSW 424-M01-09Y	6/10/1998	75	--	0
FSW 424-M01-10P	6/10/1998	50	--	0
FSW 424-M01-11GN	6/10/1998	45	--	0
FSW 424-M01-12R	6/10/1998	95	--	0
FSW 424-M01-13BU	6/10/1998	28	--	0
FSW 424-M01-14BK	6/10/1998	21	--	0
FSW 424-M01-15W	6/10/1998	28	--	0
FSW 424-M01-15W-D	6/10/1998	--	--	--
FSW 424-M02-01PT (72-13)	6/10/1998	38	--	0
FSW 424-M02-02GNT (72-13)	6/10/1998	29	--	0
FSW 424-M02-03RT (72-13)	6/10/1998	--	0	--
FSW 424-M02-04BUT (72-13)	6/10/1998	38	0	0
FSW 424-M02-05BKT (72-13)	6/10/1998	21	--	0
FSW 424-M02-06WT (72-13)	6/10/1998	29	--	0
FSW 424-M02-07O (72-13)	6/10/1998	54	--	0
FSW 424-M02-08GY (72-13)	6/10/1998	98	--	0
FSW 424-M02-09Y (72-13)	6/10/1998	127	--	0
FSW 424-M02-10P (72-13)	6/10/1998	176	--	0
FSW 424-M02-11GN (72-13)	6/10/1998	191	1	0
FSW 424-M02-12R (72-13)	6/10/1998	279	1	0
FSW 424-M02-13BU (72-13)	6/10/1998	209	1	0
FSW 424-M02-14BK (72-13)	6/10/1998	210	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M02-15W (72-13)	6/10/1998	308	1	0
FSW 424-M01-01PT	6/29/1999	214	--	0
FSW 424-M01-02GNT	6/29/1999	204	--	0
FSW 424-M01-03RT	6/29/1999	219	--	0
FSW 424-M01-04BUT	6/29/1999	173	--	0
FSW 424-M01-05BKT	6/29/1999	192	--	0
FSW 424-M01-06WT	6/29/1999	177	--	0
FSW 424-M01-07O	6/29/1999	134	--	0
FSW 424-M01-08GY	6/29/1999	99	--	0
FSW 424-M01-09Y	6/29/1999	65	--	0
FSW 424-M01-10P	6/29/1999	40	--	0
FSW 424-M01-11GN	6/29/1999	27	--	0
FSW 424-M01-12R	6/29/1999	23	--	0
FSW 424-M01-13BU	6/29/1999	22	--	0
FSW 424-M01-14BK	6/29/1999	18	--	0
FSW 424-M01-15W	6/29/1999	21	--	0
FSW 424-M02-01PT (72-13)	6/29/1999	32	--	0
FSW 424-M02-02GNT (72-13)	6/29/1999	24	--	0
FSW 424-M02-03RT (72-13)	6/29/1999	27	--	0
FSW 424-M02-04BUT (72-13)	6/29/1999	26	--	0
FSW 424-M02-05BKT (72-13)	6/29/1999	23	--	0
FSW 424-M02-06WT (72-13)	6/29/1999	33	--	0
FSW 424-M02-07O (72-13)	6/29/1999	72	--	0
FSW 424-M02-08GY (72-13)	6/29/1999	105	--	0
FSW 424-M02-09Y (72-13)	6/29/1999	189	--	0
FSW 424-M02-10P (72-13)	6/29/1999	178	--	0
FSW 424-M02-11GN (72-13)	6/29/1999	181	--	0
FSW 424-M02-12R (72-13)	6/29/1999	168	--	0
FSW 424-M02-13BU (72-13)	6/29/1999	160	--	0
FSW 424-M02-14BK (72-13)	6/29/1999	188	--	0
FSW 424-M02-15W (72-13)	6/29/1999	218	--	0
FSW 424-M01-01PT	6/5/2000	143	--	0
FSW 424-M01-02GNT	6/5/2000	162	--	0
FSW 424-M01-03RT	6/5/2000	123	--	0
FSW 424-M01-04BUT	6/5/2000	100	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M01-05BKT	6/5/2000	102	--	0
FSW 424-M01-06WT	6/5/2000	99	--	0
FSW 424-M01-07O	6/5/2000	103	--	0
FSW 424-M01-08GY	6/5/2000	87	--	0
FSW 424-M01-09Y	6/5/2000	54	--	0
FSW 424-M01-10P	6/5/2000	33	--	0
FSW 424-M01-11GN	6/5/2000	28	--	0
FSW 424-M01-12R	6/5/2000	25	--	0
FSW 424-M01-13BU	6/5/2000	27	--	0
FSW 424-M01-14BK	6/5/2000	23	--	0
FSW 424-M01-15W	6/5/2000	25	--	0
FSW 424-M02-01PT (72-13)	6/6/2000	49	--	0
FSW 424-M02-02GNT (72-13)	6/6/2000	33	--	0
FSW 424-M02-03RT (72-13)	6/6/2000	28	--	0
FSW 424-M02-04BUT (72-13)	6/6/2000	30	--	0
FSW 424-M02-05BKT (72-13)	6/6/2000	33	--	0
FSW 424-M02-06WT (72-13)	6/6/2000	54	--	0
FSW 424-M02-07O (72-13)	6/6/2000	95	--	0
FSW 424-M02-08GY (72-13)	6/6/2000	134	--	0
FSW 424-M02-09Y (72-13)	6/6/2000	136	--	0
FSW 424-M02-10P (72-13)	6/6/2000	148	--	0
FSW 424-M02-11GN (72-13)	6/6/2000	143	--	0
FSW 424-M02-12R (72-13)	6/6/2000	--	--	0
FSW 424-M02-13BU (72-13)	6/6/2000	114	--	0
FSW 424-M02-14BK (72-13)	6/6/2000	121	--	0
FSW 424-M02-15W (72-13)	6/6/2000	122	--	0
FSW 424-M01-01PT	7/19/2001	--	--	--
FSW 424-M01-02GNT	7/19/2001	--	--	--
FSW 424-M01-03RT	7/19/2001	--	--	--
FSW 424-M01-04BUT	7/19/2001	--	--	--
FSW 424-M01-05BKT	7/19/2001	--	--	--
FSW 424-M01-06WT	7/19/2001	--	--	--
FSW 424-M01-07O	7/19/2001	--	--	--
FSW 424-M01-08GY	7/19/2001	--	--	--
FSW 424-M01-09Y	7/19/2001	--	--	--
FSW 424-M01-10P	7/19/2001	--	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M01-11GN	7/19/2001	--	--	--
FSW 424-M01-11GN-D	7/19/2001	--	--	--
FSW 424-M01-12R	7/19/2001	--	--	--
FSW 424-M01-13BU	7/19/2001	--	--	--
FSW 424-M01-14BK	7/19/2001	--	--	--
FSW 424-M01-15W	7/19/2001	--	--	--
FSW 424-M02-01PT (72-13)	7/19/2001	--	--	--
FSW 424-M02-02GNT (72-13)	7/19/2001	--	--	--
FSW 424-M02-03RT (72-13)	7/19/2001	--	--	--
FSW 424-M02-04BUT (72-13)	7/19/2001	--	--	--
FSW 424-M02-05BKT (72-13)	7/19/2001	--	--	--
FSW 424-M02-06WT (72-13)	7/19/2001	--	--	--
FSW 424-M02-07O (72-13)	7/19/2001	--	--	--
FSW 424-M02-07O (72-13)-D	7/19/2001	--	--	--
FSW 424-M02-08GY (72-13)	7/19/2001	--	--	--
FSW 424-M02-09Y (72-13)	7/19/2001	--	--	--
FSW 424-M02-10P (72-13)	7/19/2001	--	--	--
FSW 424-M02-11GN (72-13)	7/19/2001	--	--	--
FSW 424-M02-12R (72-13)	7/19/2001	--	--	--
FSW 424-M02-13BU (72-13)	7/19/2001	--	--	--
FSW 424-M02-14BK (72-13)	7/19/2001	--	--	--
FSW 424-M02-15W (72-13)	7/19/2001	--	--	--
FSW 424-M01-01PT	7/9/2002	112	--	0
FSW 424-M01-02GNT	7/9/2002	128	--	0
FSW 424-M01-03RT	7/9/2002	104	--	0
FSW 424-M01-04BUT	7/9/2002	81	--	0
FSW 424-M01-05BKT	7/9/2002	59	--	0
FSW 424-M01-06WT	7/9/2002	62	--	0
FSW 424-M01-07O	7/9/2002	--	--	0
FSW 424-M01-08GY	7/9/2002	46	--	0
FSW 424-M01-09Y	7/9/2002	37	--	0
FSW 424-M01-10P	7/9/2002	30	--	0
FSW 424-M01-11GN	7/9/2002	18	--	0
FSW 424-M01-12R	7/9/2002	25	--	0
FSW 424-M01-13BU	7/9/2002	25	--	0
FSW 424-M01-14BK	7/9/2002	18	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M01-15W	7/9/2002	16	--	0
FSW 424-M02-01PT (72-13)	7/9/2002	--	--	--
FSW 424-M02-02GNT (72-13)	7/9/2002	28	--	0
FSW 424-M02-03RT (72-13)	7/9/2002	26	--	0
FSW 424-M02-04BUT (72-13)	7/9/2002	26	--	0
FSW 424-M02-05BKT (72-13)	7/9/2002	36	--	0
FSW 424-M02-06WT (72-13)	7/9/2002	61	--	0
FSW 424-M02-07O (72-13)	7/9/2002	80	--	0
FSW 424-M02-08GY (72-13)	7/9/2002	88	--	0
FSW 424-M02-09Y (72-13)	7/9/2002	93	--	0
FSW 424-M02-10P (72-13)	7/9/2002	93	--	0
FSW 424-M02-11GN (72-13)	7/9/2002	91	--	0
FSW 424-M02-12R (72-13)	7/9/2002	98	--	0
FSW 424-M02-13BU (72-13)	7/9/2002	104	--	0
FSW 424-M02-14BK (72-13)	7/9/2002	106	--	0
FSW 424-M02-15W (72-13)	7/9/2002	108	--	0
FSW 424-M01-01PT	5/29/2003	--	--	--
FSW 424-M01-02GNT	5/29/2003	--	--	--
FSW 424-M01-02GNT-D	5/29/2003	--	--	--
FSW 424-M01-03RT	5/29/2003	--	--	--
FSW 424-M01-04BUT	5/29/2003	--	--	--
FSW 424-M01-05BKT	5/29/2003	--	--	--
FSW 424-M01-06WT	5/29/2003	--	--	--
FSW 424-M01-07O	5/29/2003	--	--	--
FSW 424-M01-08GY	5/29/2003	--	--	--
FSW 424-M01-09Y	5/29/2003	--	--	--
FSW 424-M01-10P	5/29/2003	--	--	--
FSW 424-M01-11GN	5/29/2003	--	--	--
FSW 424-M01-12R	5/29/2003	--	--	--
FSW 424-M01-13BU	5/29/2003	--	--	--
FSW 424-M01-13BU-D	5/29/2003	--	--	--
FSW 424-M01-14BK	5/29/2003	--	--	--
FSW 424-M01-15W	5/29/2003	--	--	--
FSW 424-M02-01PT (72-13)	5/29/2003	--	--	--
FSW 424-M02-02GNT (72-13)	5/29/2003	--	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M02-03RT (72-13)	5/29/2003	--	--	--
FSW 424-M02-04BUT (72-13)	5/29/2003	--	--	--
FSW 424-M02-05BKT (72-13)	5/29/2003	--	--	--
FSW 424-M02-06WT (72-13)	5/29/2003	--	--	--
FSW 424-M02-07O (72-13)	5/29/2003	--	--	--
FSW 424-M02-07O (72-13)-D	5/29/2003	--	--	--
FSW 424-M02-08GY (72-13)	5/29/2003	--	--	--
FSW 424-M02-09Y (72-13)	5/29/2003	--	--	--
FSW 424-M02-09Y (72-13)-D	5/29/2003	--	--	--
FSW 424-M02-10P (72-13)	5/29/2003	--	--	--
FSW 424-M02-11GN (72-13)	5/29/2003	--	--	--
FSW 424-M02-12R (72-13)	5/29/2003	--	--	--
FSW 424-M02-13BU (72-13)	5/29/2003	--	--	--
FSW 424-M02-14BK (72-13)	5/29/2003	--	--	--
FSW 424-M02-15W (72-13)	5/29/2003	--	--	--
FSW 424-M01-01PT	7/29/2004	93	--	--
FSW 424-M01-02GNT	7/29/2004	77	--	--
FSW 424-M01-03RT	7/29/2004	57	--	--
FSW 424-M01-04BUT	7/29/2004	43	--	--
FSW 424-M01-05BKT	7/29/2004	41	--	--
FSW 424-M01-06WT	7/29/2004	49	--	--
FSW 424-M01-07O	7/29/2004	43	--	--
FSW 424-M01-08GY	7/29/2004	36	--	--
FSW 424-M01-09Y	7/29/2004	35	--	--
FSW 424-M01-10P	7/29/2004	31	--	--
FSW 424-M01-11GN	7/29/2004	30	--	--
FSW 424-M01-12R	7/29/2004	30	--	--
FSW 424-M01-13BU	7/29/2004	28	--	--
FSW 424-M01-14BK	7/29/2004	28	--	--
FSW 424-M01-15W	7/29/2004	29	--	--
FSW 424-M02-01PT (72-13)	7/29/2004	51	--	--
FSW 424-M02-02GNT (72-13)	7/29/2004	41	--	--
FSW 424-M02-03RT (72-13)	7/29/2004	43	--	--
FSW 424-M02-04BUT (72-13)	7/29/2004	43	--	--
FSW 424-M02-05BKT (72-13)	7/29/2004	42	--	--
FSW 424-M02-06WT (72-13)	7/29/2004	50	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 424-M02-07O (72-13)	7/29/2004	84	--	--
FSW 424-M02-08GY (72-13)	7/29/2004	111	--	--
FSW 424-M02-09Y (72-13)	7/29/2004	138	--	--
FSW 424-M02-10P (72-13)	7/29/2004	152	--	--
FSW 424-M02-11GN (72-13)	7/29/2004	142	--	--
FSW 424-M02-12R (72-13)	7/29/2004	141	--	--
FSW 424-M02-14BK (72-13)	7/29/2004	119	--	--
FSW 424-M02-15W (72-13)	7/29/2004	92	--	--
FSW 566-M01-01PT	12/8/1994	200	1	0
FSW 566-M01-02GNT	12/8/1994	208	1	0
FSW 566-M01-03RT	12/8/1994	--	--	--
FSW 566-M01-04BUT	12/8/1994	158	1	0
FSW 566-M01-05BKT	12/8/1994	125	1	0
FSW 566-M01-06WT	12/8/1994	108	1	0
FSW 566-M01-07O	12/8/1994	75	1	0
FSW 566-M01-08GY	12/8/1994	58	0	0
FSW 566-M01-09Y	12/8/1994	42	0	0
FSW 566-M01-10P	12/8/1994	33	0	0
FSW 566-M01-10P-D	12/8/1994	33	0	0
FSW 566-M01-11GN	12/8/1994	33	0	0
FSW 566-M01-12R	12/8/1994	17	0	0
FSW 566-M01-13BU	12/8/1994	17	0	0
FSW 566-M01-14BK	12/8/1994	17	0	0
FSW 566-M01-15W	12/8/1994	17	0	0
FSW 566-M02-01PT (65-12)	12/8/1994	17	0	0
FSW 566-M02-02GNT (65-12)	12/8/1994	17	0	0
FSW 566-M02-03RT (65-12)	12/9/1994	33	0	0
FSW 566-M02-04BUT (65-12)	12/9/1994	50	0	0
FSW 566-M02-05BKT (65-12)	12/9/1994	108	0	0
FSW 566-M02-06WT (65-12)	12/9/1994	158	1	0
FSW 566-M02-07O (65-12)	12/9/1994	183	1	0
FSW 566-M02-08GY (65-12)	12/9/1994	183	1	0
FSW 566-M02-09Y (65-12)	12/9/1994	183	1	0
FSW 566-M02-10P (65-12)	12/9/1994	183	1	0
FSW 566-M02-11GN (65-12)	12/9/1994	183	1	0
FSW 566-M02-11GN (65-12)-D	12/9/1994	183	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M02-12R (65-12)	12/9/1994	183	1	0
FSW 566-M02-13BU (65-12)	12/9/1994	183	1	0
FSW 566-M02-14BK (65-12)	12/9/1994	167	1	0
FSW 566-M02-15W (65-12)	12/9/1994	192	1	0
FSW 566-M01-01PT	7/11/1996	148	1	--
FSW 566-M01-02GNT	7/11/1996	168	1	--
FSW 566-M01-03RT	7/11/1996	--	1	--
FSW 566-M01-04BUT	7/11/1996	194	1	--
FSW 566-M01-05BKT	7/11/1996	138	--	--
FSW 566-M01-06WT	7/11/1996	98	0	--
FSW 566-M01-07O	7/11/1996	57	0	--
FSW 566-M01-08GY	7/11/1996	34	0	--
FSW 566-M01-09Y	7/11/1996	33	0	--
FSW 566-M01-10P	7/11/1996	32	0	--
FSW 566-M01-11GN	7/11/1996	15	0	--
FSW 566-M01-12R	7/11/1996	10	0	--
FSW 566-M01-13BU	7/11/1996	9	0	--
FSW 566-M01-14BK	7/11/1996	11	0	--
FSW 566-M01-15W	7/11/1996	17	0	--
FSW 566-M02-01PT (65-12)	7/11/1996	8	0	--
FSW 566-M02-02GNT (65-12)	7/11/1996	15	0	--
FSW 566-M02-03RT (65-12)	7/11/1996	3	0	--
FSW 566-M02-04BUT (65-12)	7/11/1996	13	0	--
FSW 566-M02-05BKT (65-12)	7/11/1996	27	0	--
FSW 566-M02-06WT (65-12)	7/11/1996	63	0	--
FSW 566-M02-07O (65-12)	7/11/1996	176	1	--
FSW 566-M02-08GY (65-12)	7/11/1996	122	0	--
FSW 566-M02-09Y (65-12)	7/11/1996	170	0	--
FSW 566-M02-10P (65-12)	7/11/1996	196	1	--
FSW 566-M02-11GN (65-12)	7/11/1996	176	1	--
FSW 566-M02-12R (65-12)	7/11/1996	170	1	--
FSW 566-M02-13BU (65-12)	7/11/1996	177	1	--
FSW 566-M02-14BK (65-12)	7/11/1996	168	1	--
FSW 566-M02-15W (65-12)	7/11/1996	158	1	--
FSW 566-M01-01PT	6/5/1997	242	2	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M01-02GNT	6/5/1997	831	2	0
FSW 566-M01-03RT	6/5/1997	--	--	--
FSW 566-M01-04BUT	6/5/1997	716	3	0
FSW 566-M01-05BKT	6/5/1997	408	3	0
FSW 566-M01-06WT	6/5/1997	687	3	0
FSW 566-M01-07O	6/5/1997	379	2	0
FSW 566-M01-08GY	6/5/1997	643	2	0
FSW 566-M01-09Y	6/5/1997	158	1	0
FSW 566-M01-10P	6/5/1997	202	1	0
FSW 566-M01-11GN	6/5/1997	69	0	0
FSW 566-M01-12R	6/5/1997	71	0	0
FSW 566-M01-13BU	6/5/1997	19	0	0
FSW 566-M01-14BK	6/5/1997	67	0	0
FSW 566-M01-15W	6/5/1997	25	0	0
FSW 566-M02-01PT (65-12)	6/6/1997	24	0	0
FSW 566-M02-02GNT (65-12)	6/6/1997	21	0	0
FSW 566-M02-03RT (65-12)	6/6/1997	27	0	0
FSW 566-M02-04BUT (65-12)	6/6/1997	40	0	0
FSW 566-M02-05BKT (65-12)	6/6/1997	75	0	0
FSW 566-M02-06WT (65-12)	6/6/1997	119	1	0
FSW 566-M02-07O (65-12)	6/6/1997	169	1	0
FSW 566-M02-08GY (65-12)	6/6/1997	198	1	0
FSW 566-M02-09Y (65-12)	6/6/1997	203	1	0
FSW 566-M02-10P (65-12)	6/6/1997	207	1	0
FSW 566-M02-11GN (65-12)	6/6/1997	210	1	0
FSW 566-M02-12R (65-12)	6/6/1997	206	1	0
FSW 566-M02-13BU (65-12)	6/6/1997	207	1	0
FSW 566-M02-14BK (65-12)	6/6/1997	217	2	0
FSW 566-M02-15W (65-12)	6/6/1997	226	2	0
FSW 566-M01-01PT	5/13/1998	198	1	0
FSW 566-M01-02GNT	5/13/1998	177	2	0
FSW 566-M01-03RT	5/13/1998	208	2	0
FSW 566-M01-04BUT	5/13/1998	265	2	0
FSW 566-M01-05BKT	5/13/1998	253	2	0
FSW 566-M01-06WT	5/13/1998	198	2	0
FSW 566-M01-07O	5/13/1998	154	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M01-08GY	5/13/1998	159	--	0
FSW 566-M01-09Y	5/13/1998	121	--	0
FSW 566-M01-10P	5/13/1998	197	--	0
FSW 566-M01-11GN	5/13/1998	30	--	0
FSW 566-M01-12R	5/13/1998	33	--	0
FSW 566-M01-13BU	5/13/1998	17	--	0
FSW 566-M01-14BK	5/13/1998	16	--	0
FSW 566-M01-15W	5/13/1998	19	--	0
FSW 566-M02-01PT (65-12)	5/13/1998	13	0	0
FSW 566-M02-02GNT (65-12)	5/13/1998	19	0	0
FSW 566-M02-03RT (65-12)	5/13/1998	19	--	0
FSW 566-M02-04BUT (65-12)	5/13/1998	160	--	0
FSW 566-M02-05BKT (65-12)	5/13/1998	59	--	0
FSW 566-M02-06WT (65-12)	5/13/1998	120	--	0
FSW 566-M02-07O (65-12)	5/13/1998	158	1	0
FSW 566-M02-08GY (65-12)	5/13/1998	193	--	0
FSW 566-M02-09Y (65-12)	5/13/1998	191	1	0
FSW 566-M02-10P (65-12)	5/13/1998	194	--	0
FSW 566-M02-11GN (65-12)	5/13/1998	202	1	0
FSW 566-M02-12R (65-12)	5/13/1998	353	--	0
FSW 566-M02-13BU (65-12)	5/13/1998	216	1	0
FSW 566-M02-14BK (65-12)	5/13/1998	211	--	0
FSW 566-M02-15W (65-12)	5/13/1998	244	1	0
FSW 566-M01-01PT	6/10/1999	183	--	0
FSW 566-M01-02GNT	6/10/1999	151	--	0
FSW 566-M01-03RT	6/10/1999	138	--	0
FSW 566-M01-04BUT	6/10/1999	103	--	0
FSW 566-M01-05BKT	6/10/1999	--	--	--
FSW 566-M01-06WT	6/10/1999	96	--	0
FSW 566-M01-06WT-D	6/10/1999	71	--	0
FSW 566-M01-07O	6/10/1999	61	--	0
FSW 566-M01-08GY	6/10/1999	78	--	0
FSW 566-M01-09Y	6/10/1999	55	--	0
FSW 566-M01-10P	6/10/1999	21	--	0
FSW 566-M01-11GN	6/10/1999	--	--	--
FSW 566-M01-12R	6/10/1999	27	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M01-13BU	6/10/1999	23	--	0
FSW 566-M01-14BK	6/10/1999	22	--	0
FSW 566-M01-15W	6/10/1999	24	--	0
FSW 566-M01-15W-D	6/10/1999	25	--	0
FSW 566-M02-01PT (65-12)	6/10/1999	17	--	0
FSW 566-M02-02GNT (65-12)	6/10/1999	24	--	0
FSW 566-M02-03RT (65-12)	6/10/1999	36	--	0
FSW 566-M02-04BUT (65-12)	6/10/1999	72	--	0
FSW 566-M02-05BKT (65-12)	6/10/1999	128	--	0
FSW 566-M02-06WT (65-12)	6/10/1999	208	--	0
FSW 566-M02-07O (65-12)	6/10/1999	196	--	0
FSW 566-M02-08GY (65-12)	6/10/1999	196	--	0
FSW 566-M02-09Y (65-12)	6/10/1999	166	--	0
FSW 566-M02-10P (65-12)	6/10/1999	148	--	0
FSW 566-M02-11GN (65-12)	6/10/1999	134	--	0
FSW 566-M02-12R (65-12)	6/10/1999	133	--	0
FSW 566-M02-13BU (65-12)	6/10/1999	143	--	0
FSW 566-M02-14BK (65-12)	6/10/1999	158	--	0
FSW 566-M02-15W (65-12)	6/10/1999	172	--	0
FSW 566-M01-01PT	6/1/2000	103	--	0
FSW 566-M01-02GNT	6/1/2000	87	--	0
FSW 566-M01-03RT	6/1/2000	68	--	0
FSW 566-M01-04BUT	6/1/2000	71	--	0
FSW 566-M01-05BKT	6/1/2000	59	--	0
FSW 566-M01-06WT	6/1/2000	54	--	0
FSW 566-M01-07O	6/1/2000	33	--	0
FSW 566-M01-08GY	6/1/2000	31	--	0
FSW 566-M01-09Y	6/1/2000	54	--	0
FSW 566-M01-10P	6/1/2000	24	--	0
FSW 566-M01-11GN	6/1/2000	21	--	0
FSW 566-M01-12R	6/1/2000	21	--	0
FSW 566-M01-13BU	6/1/2000	19	--	0
FSW 566-M01-14BK	6/1/2000	22	--	0
FSW 566-M01-15W	6/1/2000	20	--	0
FSW 566-M02-01PT (65-12)	6/1/2000	15	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M02-02GNT (65-12)	6/1/2000	17	--	0
FSW 566-M02-03RT (65-12)	6/1/2000	23	--	0
FSW 566-M02-04BUT (65-12)	6/1/2000	49	--	0
FSW 566-M02-05BKT (65-12)	6/1/2000	97	--	0
FSW 566-M02-06WT (65-12)	6/1/2000	174	--	0
FSW 566-M02-07O (65-12)	6/1/2000	166	--	0
FSW 566-M02-08GY (65-12)	6/1/2000	130	--	0
FSW 566-M02-09Y (65-12)	6/1/2000	108	--	0
FSW 566-M02-10P (65-12)	6/1/2000	106	--	0
FSW 566-M02-11GN (65-12)	6/1/2000	98	--	0
FSW 566-M02-12R (65-12)	6/1/2000	100	--	0
FSW 566-M02-13BU (65-12)	6/1/2000	105	--	0
FSW 566-M02-14BK (65-12)	6/1/2000	108	--	0
FSW 566-M02-15W (65-12)	6/1/2000	121	--	0
FSW 566-M01-01PT	7/15/2002	93	--	0
FSW 566-M01-02GNT	7/15/2002	69	--	0
FSW 566-M01-03RT	7/15/2002	52	--	0
FSW 566-M01-04BUT	7/15/2002	63	--	0
FSW 566-M01-05BKT	7/15/2002	33	--	0
FSW 566-M01-06WT	7/15/2002	70	--	0
FSW 566-M01-07O	7/15/2002	22	--	0
FSW 566-M01-08GY	7/15/2002	21	--	0
FSW 566-M01-09Y	7/15/2002	18	--	0
FSW 566-M01-10P	7/15/2002	16	--	0
FSW 566-M01-11GN	7/15/2002	17	--	0
FSW 566-M01-12R	7/15/2002	14	--	0
FSW 566-M01-13BU	7/15/2002	12	--	0
FSW 566-M01-14BK	7/15/2002	60	--	0
FSW 566-M01-15W	7/15/2002	12	--	0
FSW 566-M02-01PT (65-12)	7/15/2002	15	--	0
FSW 566-M02-02GNT (65-12)	7/15/2002	13	--	0
FSW 566-M02-03RT (65-12)	7/15/2002	19	--	0
FSW 566-M02-04BUT (65-12)	7/15/2002	41	--	0
FSW 566-M02-05BKT (65-12)	7/15/2002	76	--	0
FSW 566-M02-06WT (65-12)	7/15/2002	136	--	0
FSW 566-M02-07O (65-12)	7/15/2002	167	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M02-08GY (65-12)	7/15/2002	148	--	0
FSW 566-M02-09Y (65-12)	7/15/2002	126	--	0
FSW 566-M02-10P (65-12)	7/15/2002	144	--	0
FSW 566-M02-11GN (65-12)	7/15/2002	161	--	0
FSW 566-M02-12R (65-12)	7/15/2002	213	--	0
FSW 566-M02-13BU (65-12)	7/15/2002	189	--	0
FSW 566-M02-14BK (65-12)	7/15/2002	202	--	0
FSW 566-M02-15W (65-12)	7/15/2002	200	--	0
FSW 566-M01-01PT	8/17/2004	84	--	--
FSW 566-M01-02GNT	8/17/2004	95	--	--
FSW 566-M01-03RT	8/17/2004	57	--	--
FSW 566-M01-04BUT	8/17/2004	54	--	--
FSW 566-M01-05BKT	8/17/2004	50	--	--
FSW 566-M01-06WT	8/17/2004	35	--	--
FSW 566-M01-07O	8/17/2004	32	--	--
FSW 566-M01-08GY	8/17/2004	28	--	--
FSW 566-M01-09Y	8/17/2004	28	--	--
FSW 566-M01-10P	8/17/2004	27	--	--
FSW 566-M01-11GN	8/17/2004	28	--	--
FSW 566-M01-12R	8/17/2004	29	--	--
FSW 566-M01-13BU	8/17/2004	28	--	--
FSW 566-M01-14BK	8/17/2004	27	--	--
FSW 566-M01-15W	8/17/2004	27	--	--
FSW 566-M02-01PT	8/17/2004	58	--	--
FSW 566-M02-02GNT	8/17/2004	29	--	--
FSW 566-M02-03RT	8/17/2004	44	--	--
FSW 566-M02-04BUT	8/17/2004	62	--	--
FSW 566-M02-05BKT	8/17/2004	112	--	--
FSW 566-M02-06WT	8/17/2004	159	--	--
FSW 566-M02-07O	8/17/2004	163	--	--
FSW 566-M02-08GY	8/17/2004	143	--	--
FSW 566-M02-09Y	8/17/2004	120	--	--
FSW 566-M02-10P	8/17/2004	103	--	--
FSW 566-M02-11GN	8/17/2004	103	--	--
FSW 566-M02-12R	8/17/2004	105	--	--
FSW 566-M02-13BU	8/17/2004	123	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 566-M02-14BK	8/17/2004	123	--	--
FSW 566-M02-15W	8/17/2004	121	--	--
FSW 575-M01-01PT	7/10/1996	223	1	--
FSW 575-M01-02GNT	7/10/1996	227	1	--
FSW 575-M01-03RT	7/10/1996	252	1	--
FSW 575-M01-04BUT	7/10/1996	209	1	--
FSW 575-M01-05BKT	7/10/1996	213	1	--
FSW 575-M01-06WT	7/10/1996	198	1	--
FSW 575-M01-07O	7/10/1996	155	1	--
FSW 575-M01-08GY	7/10/1996	113	1	--
FSW 575-M01-09Y	7/10/1996	88	1	--
FSW 575-M01-10P	7/10/1996	66	0	--
FSW 575-M01-11GN	7/10/1996	12	0	--
FSW 575-M01-12R	7/10/1996	11	0	--
FSW 575-M01-13BU	7/10/1996	14	0	--
FSW 575-M01-14BK	7/10/1996	6	0	--
FSW 575-M01-14BK-D	7/10/1996	--	--	--
FSW 575-M01-15W	7/10/1996	5	0	--
FSW 575-M02-01PT (44-19)	7/10/1996	15	0	--
FSW 575-M02-02GNT (44-19)	7/10/1996	9	0	--
FSW 575-M02-03RT (44-19)	7/10/1996	29	0	--
FSW 575-M02-04BUT (44-19)	7/10/1996	93	0	--
FSW 575-M02-05BKT (44-19)	7/10/1996	132	0	--
FSW 575-M02-06WT (44-19)	7/10/1996	189	0	--
FSW 575-M02-07O (44-19)	7/10/1996	194	0	--
FSW 575-M02-08GY (44-19)	7/10/1996	199	0	--
FSW 575-M02-09Y (44-19)	7/10/1996	187	0	--
FSW 575-M02-10P (44-19)	7/10/1996	179	1	--
FSW 575-M02-11GN (44-19)	7/10/1996	183	1	--
FSW 575-M02-12R (44-19)	7/10/1996	184	1	--
FSW 575-M02-13BU (44-19)	7/10/1996	191	1	--
FSW 575-M02-14BK (44-19)	7/10/1996	183	1	--
FSW 575-M02-15W (44-19)	7/10/1996	193	1	--
FSW 575-M01-01PT	6/18/1997	252	2	0
FSW 575-M01-02GNT	6/18/1997	221	2	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 575-M01-03RT	6/18/1997	179	2	0
FSW 575-M01-04BUT	6/18/1997	173	2	1
FSW 575-M01-05BKT	6/18/1997	198	2	0
FSW 575-M01-06WT	6/18/1997	166	2	0
FSW 575-M01-07O	6/18/1997	208	2	0
FSW 575-M01-08GY	6/18/1997	191	2	0
FSW 575-M01-09Y	6/18/1997	223	2	0
FSW 575-M01-10P	6/18/1997	123	1	0
FSW 575-M01-11GN	6/18/1997	55	1	0
FSW 575-M01-12R	6/18/1997	34	0	0
FSW 575-M01-13BU	6/18/1997	28	0	0
FSW 575-M01-14BK	6/18/1997	23	0	0
FSW 575-M01-15W	6/18/1997	25	0	0
FSW 575-M02-01PT (44-19)	6/18/1997	29	0	0
FSW 575-M02-02GNT (44-19)	6/18/1997	36	0	0
FSW 575-M02-03RT (44-19)	6/18/1997	56	0	0
FSW 575-M02-04BUT (44-19)	6/18/1997	124	1	0
FSW 575-M02-05BKT (44-19)	6/18/1997	182	1	0
FSW 575-M02-06WT (44-19)	6/18/1997	258	1	0
FSW 575-M02-07O (44-19)	6/18/1997	266	2	0
FSW 575-M02-08GY (44-19)	6/18/1997	260	2	0
FSW 575-M02-09Y (44-19)	6/18/1997	261	2	0
FSW 575-M02-10P (44-19)	6/18/1997	245	2	0
FSW 575-M02-11GN (44-19)	6/18/1997	243	2	0
FSW 575-M02-12R (44-19)	6/18/1997	241	2	0
FSW 575-M02-13BU (44-19)	6/18/1997	258	2	0
FSW 575-M02-14BK (44-19)	6/18/1997	262	2	0
FSW 575-M02-15W (44-19)	6/18/1997	259	2	0
FSW 575-M01-01PT	6/3/1998	215	1	0
FSW 575-M01-02GNT	6/3/1998	227	1	0
FSW 575-M01-03RT	6/3/1998	211	1	0
FSW 575-M01-04BUT	6/3/1998	149	1	0
FSW 575-M01-05BKT	6/3/1998	153	1	1
FSW 575-M01-06WT	6/3/1998	137	1	0
FSW 575-M01-07O	6/3/1998	111	1	0
FSW 575-M01-08GY	6/3/1998	84	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 575-M01-09Y	6/3/1998	81	0	0
FSW 575-M01-10P	6/3/1998	41	0	0
FSW 575-M01-11GN	6/3/1998	21	0	0
FSW 575-M01-12R	6/3/1998	19	0	0
FSW 575-M01-13BU	6/3/1998	22	0	0
FSW 575-M01-14BK	6/3/1998	17	0	0
FSW 575-M01-15W	6/3/1998	19	0	0
FSW 575-M02-01PT (44-19)	6/3/1998	24	0	0
FSW 575-M02-02GNT (44-19)	6/3/1998	30	0	0
FSW 575-M02-03RT (44-19)	6/3/1998	67	0	0
FSW 575-M02-04BUT (44-19)	6/3/1998	197	1	0
FSW 575-M02-05BKT (44-19)	6/3/1998	248	1	0
FSW 575-M02-06WT (44-19)	6/3/1998	263	1	0
FSW 575-M02-07O (44-19)	6/3/1998	264	1	0
FSW 575-M02-08GY (44-19)	6/3/1998	239	1	0
FSW 575-M02-09Y (44-19)	6/3/1998	184	1	0
FSW 575-M02-10P (44-19)	6/3/1998	170	2	0
FSW 575-M02-11GN (44-19)	6/3/1998	156	2	0
FSW 575-M02-12R (44-19)	6/3/1998	166	2	0
FSW 575-M02-13BU (44-19)	6/3/1998	171	1	0
FSW 575-M02-14BK (44-19)	6/3/1998	172	1	0
FSW 575-M02-15W (44-19)	6/3/1998	204	1	0
FSW 575-M01-01PT	6/7/1999	113	--	0
FSW 575-M01-02GNT	6/7/1999	153	--	0
FSW 575-M01-03RT	6/7/1999	80	--	0
FSW 575-M01-04BUT	6/7/1999	41	--	0
FSW 575-M01-05BKT	6/7/1999	46	--	0
FSW 575-M01-06WT	6/7/1999	66	--	0
FSW 575-M01-07O	6/7/1999	88	--	0
FSW 575-M01-08GY	6/7/1999	42	--	0
FSW 575-M01-09Y	6/7/1999	31	--	0
FSW 575-M01-10P	6/7/1999	21	--	0
FSW 575-M01-11GN	6/7/1999	19	--	0
FSW 575-M01-12R	6/7/1999	15	--	0
FSW 575-M01-13BU	6/7/1999	15	--	0
FSW 575-M01-14BK	6/7/1999	16	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 575-M01-15W	6/7/1999	18	--	0
FSW 575-M02-01PT (44-19)	6/7/1999	19	--	0
FSW 575-M02-02GNT (44-19)	6/7/1999	44	--	0
FSW 575-M02-03RT (44-19)	6/7/1999	173	--	0
FSW 575-M02-04BUT (44-19)	6/7/1999	191	--	0
FSW 575-M02-05BKT (44-19)	6/7/1999	210	--	0
FSW 575-M02-06WT (44-19)	6/7/1999	186	--	0
FSW 575-M02-07O (44-19)	6/7/1999	178	--	0
FSW 575-M02-08GY (44-19)	6/7/1999	154	--	0
FSW 575-M02-09Y (44-19)	6/7/1999	138	--	0
FSW 575-M02-10P (44-19)	6/7/1999	118	--	0
FSW 575-M02-11GN (44-19)	6/7/1999	109	--	0
FSW 575-M02-12R (44-19)	6/7/1999	106	--	0
FSW 575-M02-13BU (44-19)	6/7/1999	118	--	0
FSW 575-M02-14BK (44-19)	6/7/1999	158	--	0
FSW 575-M02-15W (44-19)	6/7/1999	141	--	0
FSW 575-M01-01PT	5/31/2000	66	--	0
FSW 575-M01-02GNT	5/31/2000	57	--	0
FSW 575-M01-03RT	5/31/2000	53	--	0
FSW 575-M01-04BUT	5/31/2000	66	--	0
FSW 575-M01-05BKT	5/31/2000	59	--	0
FSW 575-M01-06WT	5/31/2000	46	--	0
FSW 575-M01-07O	5/31/2000	26	--	0
FSW 575-M01-08GY	5/31/2000	67	--	0
FSW 575-M01-09Y	5/31/2000	35	--	0
FSW 575-M01-10P	5/31/2000	23	--	0
FSW 575-M01-11GN	5/31/2000	41	--	0
FSW 575-M01-12R	5/31/2000	18	--	0
FSW 575-M01-13BU	5/31/2000	19	--	0
FSW 575-M01-14BK	5/31/2000	17	--	0
FSW 575-M01-15W	5/31/2000	17	--	0
FSW 575-M02-01PT (44-19)	5/31/2000	19	--	0
FSW 575-M02-02GNT (44-19)	5/31/2000	28	--	0
FSW 575-M02-03RT (44-19)	5/31/2000	72	--	0
FSW 575-M02-04BUT (44-19)	5/31/2000	137	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 575-M02-05BKT (44-19)	5/31/2000	189	--	0
FSW 575-M02-06WT (44-19)	5/31/2000	167	--	0
FSW 575-M02-07O (44-19)	5/31/2000	143	--	0
FSW 575-M02-08GY (44-19)	5/31/2000	133	--	0
FSW 575-M02-09Y (44-19)	5/31/2000	123	--	0
FSW 575-M02-10P (44-19)	5/31/2000	115	--	0
FSW 575-M02-11GN (44-19)	5/31/2000	110	--	0
FSW 575-M02-12R (44-19)	5/31/2000	141	--	0
FSW 575-M02-13BU (44-19)	5/31/2000	117	--	0
FSW 575-M02-14BK (44-19)	5/31/2000	103	--	0
FSW 575-M02-15W (44-19)	5/31/2000	89	--	0
FSW 575-M01-01PT	7/11/2002	143	--	0
FSW 575-M01-02GNT	7/11/2002	113	--	0
FSW 575-M01-03RT	7/11/2002	148	--	0
FSW 575-M01-04BUT	7/11/2002	182	--	0
FSW 575-M01-05BKT	7/11/2002	257	--	0
FSW 575-M01-06WT	7/11/2002	173	--	0
FSW 575-M01-07O	7/11/2002	--	--	--
FSW 575-M01-08GY	7/11/2002	123	--	0
FSW 575-M01-09Y	7/11/2002	24	--	0
FSW 575-M01-10P	7/11/2002	28	--	0
FSW 575-M01-11GN	7/11/2002	16	--	0
FSW 575-M01-12R	7/11/2002	14	--	0
FSW 575-M01-13BU	7/11/2002	12	--	0
FSW 575-M01-14BK	7/11/2002	12	--	0
FSW 575-M01-15W	7/11/2002	13	--	0
FSW 575-M02-01PT (44-19)	7/11/2002	16	--	0
FSW 575-M02-02GNT (44-19)	7/11/2002	31	--	0
FSW 575-M02-03RT (44-19)	7/11/2002	82	--	0
FSW 575-M02-04BUT (44-19)	7/11/2002	153	--	0
FSW 575-M02-05BKT (44-19)	7/11/2002	188	--	0
FSW 575-M02-06WT (44-19)	7/11/2002	148	--	0
FSW 575-M02-07O (44-19)	7/11/2002	190	--	0
FSW 575-M02-08GY (44-19)	7/11/2002	121	--	0
FSW 575-M02-09Y (44-19)	7/11/2002	132	--	0
FSW 575-M02-10P (44-19)	7/11/2002	125	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 575-M02-11GN (44-19)	7/11/2002	132	--	0
FSW 575-M02-12R (44-19)	7/11/2002	169	--	0
FSW 575-M02-13BU (44-19)	7/11/2002	166	--	0
FSW 575-M02-14BK (44-19)	7/11/2002	158	--	0
FSW 575-M02-15W (44-19)	7/11/2002	169	--	0
FSW 575-M01-01PT	8/30/2004	78	--	--
FSW 575-M01-02GNT	8/30/2004	62	--	--
FSW 575-M01-03RT	8/30/2004	54	--	--
FSW 575-M01-04BUT	8/30/2004	50	--	--
FSW 575-M01-05BKT	8/30/2004	53	--	--
FSW 575-M01-06WT	8/30/2004	41	--	--
FSW 575-M01-07O	8/30/2004	31	--	--
FSW 575-M01-08GY	8/30/2004	33	--	--
FSW 575-M01-09Y	8/30/2004	30	--	--
FSW 575-M01-10P	8/30/2004	31	--	--
FSW 575-M01-11GN	8/30/2004	29	--	--
FSW 575-M01-12R	8/30/2004	24	--	--
FSW 575-M01-13BU	8/30/2004	29	--	--
FSW 575-M01-14BK	8/30/2004	26	--	--
FSW 575-M01-15W	8/30/2004	31	--	--
FSW 575-M02-01PT (44-19)	8/30/2004	39	--	--
FSW 575-M02-02GNT (44-19)	8/30/2004	51	--	--
FSW 575-M02-03RT (44-19)	8/30/2004	76	--	--
FSW 575-M02-04BUT (44-19)	8/30/2004	162	--	--
FSW 575-M02-05BKT (44-19)	8/30/2004	248	--	--
FSW 575-M02-06WT (44-19)	8/30/2004	229	--	--
FSW 575-M02-07O (44-19)	8/30/2004	191	--	--
FSW 575-M02-08GY (44-19)	8/30/2004	111	--	--
FSW 575-M02-09Y (44-19)	8/30/2004	106	--	--
FSW 575-M02-10P (44-19)	8/30/2004	102	--	--
FSW 575-M02-11GN (44-19)	8/30/2004	92	--	--
FSW 575-M02-12R (44-19)	8/30/2004	80	--	--
FSW 575-M02-13BU (44-19)	8/30/2004	90	--	--
FSW 575-M02-14BK (44-19)	8/30/2004	88	--	--
FSW 575-M02-15W (44-19)	8/30/2004	86	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 577-0051	9/13/1995	--	--	--
FSW 577-0061	9/13/1995	252	1	--
FSW 577-0071	9/13/1995	351	1	--
FSW 577-0081	9/13/1995	336	1	--
FSW 577-0097	9/13/1995	207	1	--
FSW 577-0111	9/13/1995	81	1	--
FSW 577-0126	9/13/1995	36	0	--
FSW 577-0142	9/13/1995	30	0	--
FSW 577-0051	12/6/1995	253	1	--
FSW 577-0061	12/6/1995	268	1	--
FSW 577-0071	12/6/1995	291	1	--
FSW 577-0081	12/6/1995	341	1	--
FSW 577-0097	12/6/1995	390	2	--
FSW 577-0111	12/6/1995	206	1	--
FSW 577-0126	12/6/1995	31	0	--
FSW 577-0142	12/6/1995	17	0	--
FSW 577-0051	6/21/1996	217	0	--
FSW 577-0061	6/21/1996	224	0	--
FSW 577-0071	6/21/1996	286	0	--
FSW 577-0081	6/21/1996	320	1	--
FSW 577-0097	6/21/1996	310	1	--
FSW 577-0111	6/21/1996	164	1	--
FSW 577-0126	6/21/1996	19	0	--
FSW 577-0142	6/21/1996	7	0	--
FSW 577-0051	11/19/1996	281	0	0
FSW 577-0061	11/19/1996	313	1	0
FSW 577-0071	11/19/1996	314	1	0
FSW 577-0081	11/19/1996	302	1	0
FSW 577-0097	11/19/1996	167	1	0
FSW 577-0111	11/19/1996	63	0	0
FSW 577-0126	11/19/1996	33	0	0
FSW 577-0142	11/19/1996	33	0	0
FSW 577-0051	2/28/1997	--	--	--
FSW 577-0061	2/28/1997	288	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 577-0071	2/28/1997	148	--	0
FSW 577-0081	2/28/1997	--	--	--
FSW 577-0097	2/28/1997	169	--	0
FSW 577-0111	2/28/1997	97	--	0
FSW 577-0126	2/28/1997	--	--	--
FSW 577-0142	2/28/1997	152	--	0
FSW 577-0051	5/29/1997	333	--	0
FSW 577-0061	5/29/1997	253	--	0
FSW 577-0071	5/29/1997	141	--	0
FSW 577-0081	5/29/1997	163	--	0
FSW 577-0097	5/29/1997	85	--	0
FSW 577-0111	5/29/1997	46	--	0
FSW 577-0126	5/29/1997	24	--	0
FSW 577-0142	5/29/1997	19	--	0
FSW 577-0051	8/25/1997	339	--	0
FSW 577-0061	8/25/1997	155	--	0
FSW 577-0071	8/25/1997	148	--	0
FSW 577-0081	8/25/1997	127	--	0
FSW 577-0097	8/25/1997	83	--	0
FSW 577-0111	8/25/1997	40	--	0
FSW 577-0126	8/25/1997	23	--	0
FSW 577-0142	8/25/1997	23	--	0
FSW 577-0051	11/13/1997	292	--	0
FSW 577-0061	11/13/1997	152	--	0
FSW 577-0071	11/13/1997	143	--	0
FSW 577-0081	11/13/1997	105	--	0
FSW 577-0097	11/13/1997	78	--	0
FSW 577-0111	11/13/1997	38	--	0
FSW 577-0126	11/13/1997	30	--	0
FSW 577-0142	11/13/1997	26	--	0
FSW 577-0051	6/18/1998	273	0	0
FSW 577-0061	6/18/1998	156	1	0
FSW 577-0071	6/18/1998	114	2	0
FSW 577-0081	6/18/1998	88	1	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 577-0097	6/18/1998	83	1	0
FSW 577-0111	6/18/1998	40	0	0
FSW 577-0126	6/18/1998	17	0	0
FSW 577-0142	6/18/1998	22	0	0
FSW 577-0051	11/17/1998	241	--	0
FSW 577-0061	11/17/1998	124	--	0
FSW 577-0071	11/17/1998	120	--	0
FSW 577-0081	11/17/1998	110	--	0
FSW 577-0097	11/17/1998	49	--	0
FSW 577-0111	11/17/1998	30	--	0
FSW 577-0126	11/17/1998	22	--	0
FSW 577-0142	11/17/1998	15	--	0
FSW 577-0051	6/30/1999	263	--	0
FSW 577-0061	6/30/1999	153	--	0
FSW 577-0071	6/30/1999	124	--	0
FSW 577-0081	6/30/1999	107	--	0
FSW 577-0097	6/30/1999	49	--	0
FSW 577-0111	6/30/1999	25	--	0
FSW 577-0126	6/30/1999	18	--	0
FSW 577-0142	6/30/1999	15	--	0
FSW 577-0051	6/23/2000	278	--	0
FSW 577-0061	6/23/2000	170	--	0
FSW 577-0071	6/23/2000	234	--	0
FSW 577-0081	6/23/2000	213	--	0
FSW 577-0097	6/23/2000	178	--	0
FSW 577-0111	6/23/2000	29	--	0
FSW 577-0126	6/23/2000	20	--	0
FSW 577-0142	6/23/2000	18	--	0
FSW 577-0051	8/15/2002	260	--	0
FSW 577-0061	8/15/2002	119	--	0
FSW 577-0071	8/15/2002	100	--	0
FSW 577-0081	8/15/2002	53	--	0
FSW 577-0097	8/15/2002	37	--	0
FSW 577-0111	8/15/2002	21	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 577-0126	8/15/2002	15	--	0
FSW 577-0142	8/15/2002	13	--	0
FSW 577-0051	8/2/2004	217	--	--
FSW 577-0051-D	8/2/2004	220	--	--
FSW 577-0061	8/2/2004	128	--	--
FSW 577-0071	8/2/2004	91	--	--
FSW 577-0081	8/2/2004	80	--	--
FSW 577-0097	8/2/2004	69	--	--
FSW 577-0111	8/2/2004	40	--	--
FSW 577-0126	8/2/2004	31	--	--
FSW 577-0142	8/2/2004	31	--	--
FSW 586-0058	6/15/1996	271	0	--
FSW 586-0068	6/15/1996	267	1	--
FSW 586-0078	6/15/1996	308	1	--
FSW 586-0088	6/15/1996	266	1	--
FSW 586-0098	6/15/1996	241	1	--
FSW 586-0113	6/15/1996	207	0	--
FSW 586-0128	6/15/1996	32	0	--
FSW 586-0143	6/15/1996	4	0	--
FSW 586-0058	11/22/1996	239	0	0
FSW 586-0068	11/22/1996	351	0	0
FSW 586-0078	11/22/1996	297	1	0
FSW 586-0088	11/22/1996	307	1	0
FSW 586-0098	11/22/1996	271	1	0
FSW 586-0113	11/22/1996	137	1	0
FSW 586-0128	11/22/1996	37	0	0
FSW 586-0143	11/22/1996	28	0	0
FSW 586-0058	3/6/1997	--	--	--
FSW 586-0068	3/6/1997	--	--	--
FSW 586-0078	3/6/1997	--	--	--
FSW 586-0088	3/6/1997	--	--	--
FSW 586-0098	3/6/1997	--	--	--
FSW 586-0098-D	3/6/1997	--	--	--
FSW 586-0113	3/6/1997	--	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 586-0128	3/6/1997	--	--	--
FSW 586-0143	3/6/1997	--	--	--
FSW 586-0058	6/10/1997	264	--	0
FSW 586-0068	6/10/1997	273	--	0
FSW 586-0078	6/10/1997	188	--	0
FSW 586-0088	6/10/1997	278	--	0
FSW 586-0098	6/10/1997	98	--	0
FSW 586-0113	6/10/1997	78	--	0
FSW 586-0128	6/10/1997	22	--	0
FSW 586-0143	6/10/1997	18	--	0
FSW 586-0058	8/26/1997	313	--	0
FSW 586-0068	8/26/1997	237	--	0
FSW 586-0078	8/26/1997	130	--	0
FSW 586-0088	8/26/1997	201	--	0
FSW 586-0098	8/26/1997	134	--	0
FSW 586-0113	8/26/1997	83	--	0
FSW 586-0128	8/26/1997	28	--	0
FSW 586-0143	8/26/1997	24	--	0
FSW 586-0058	11/6/1997	288	--	0
FSW 586-0068	11/6/1997	191	--	0
FSW 586-0078	11/6/1997	163	--	0
FSW 586-0088	11/6/1997	443	--	0
FSW 586-0098	11/7/1997	92	--	0
FSW 586-0113	11/7/1997	85	--	0
FSW 586-0128	11/7/1997	28	--	0
FSW 586-0143	11/7/1997	21	--	0
FSW 586-0058	7/9/1998	305	0	0
FSW 586-0068	7/9/1998	151	2	0
FSW 586-0078	7/9/1998	142	1	0
FSW 586-0088	7/9/1998	111	1	0
FSW 586-0098	7/9/1998	81	0	0
FSW 586-0113	7/9/1998	57	0	0
FSW 586-0128	7/9/1998	18	0	0
FSW 586-0143	7/9/1998	14	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 586-0058	11/19/1998	265	--	0
FSW 586-0068	11/19/1998	150	--	0
FSW 586-0078	11/19/1998	98	--	0
FSW 586-0088	11/19/1998	96	--	0
FSW 586-0098	11/19/1998	64	--	0
FSW 586-0113	11/19/1998	43	--	0
FSW 586-0128	11/19/1998	23	--	0
FSW 586-0143	11/19/1998	14	--	0
FSW 586-0058	7/12/1999	276	--	--
FSW 586-0068	7/12/1999	198	--	--
FSW 586-0078	7/12/1999	178	--	--
FSW 586-0088	7/12/1999	108	--	--
FSW 586-0098	7/12/1999	110	--	--
FSW 586-0113	7/12/1999	49	--	--
FSW 586-0128	7/12/1999	18	--	--
FSW 586-0143	7/12/1999	15	--	--
FSW 586-0058	6/21/2000	258	--	0
FSW 586-0068	6/21/2000	176	--	0
FSW 586-0078	6/21/2000	156	--	0
FSW 586-0088	6/21/2000	254	--	0
FSW 586-0098	6/21/2000	65	--	0
FSW 586-0113	6/21/2000	35	--	0
FSW 586-0128	6/21/2000	23	--	0
FSW 586-0143	6/21/2000	16	--	0
FSW 586-0058	7/31/2002	277	--	0
FSW 586-0068	7/31/2002	118	--	0
FSW 586-0078	7/31/2002	98	--	0
FSW 586-0088	7/31/2002	57	--	0
FSW 586-0098	7/31/2002	33	--	0
FSW 586-0113	7/31/2002	23	--	0
FSW 586-0128	7/31/2002	16	--	0
FSW 586-0143	7/31/2002	11	--	0
FSW 586-0058	8/2/2004	246	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
FSW 586-0068	8/2/2004	116	--	--
FSW 586-0078	8/2/2004	76	--	--
FSW 586-0088	8/2/2004	73	--	--
FSW 586-0098	8/2/2004	57	--	--
FSW 586-0113	8/2/2004	37	--	--
FSW 586-0128	8/2/2004	29	--	--
FSW 586-0143	8/2/2004	30	--	--
FSW 586-0143-D	8/2/2004	31	--	--
SDW 436-M01-02GNT	7/12/2002	158	--	0
SDW 436-M01-03RT	7/12/2002	96	--	0
SDW 436-M01-04BUT	7/12/2002	113	--	0
SDW 436-M01-05BKT	7/12/2002	77	--	0
SDW 436-M01-06WT	7/12/2002	66	--	0
SDW 436-M01-07O	7/12/2002	70	--	0
SDW 436-M01-07O-D	7/12/2002	71	--	0
SDW 436-M01-08GY	7/12/2002		--	
SDW 436-M01-09Y	7/12/2002	106	--	0
SDW 436-M01-10P	7/12/2002	62	--	0
SDW 436-M01-11GN	7/12/2002	31	--	0
SDW 436-M01-12R	7/12/2002	27	--	0
SDW 436-M01-13BU	7/12/2002	35	--	0
SDW 436-M01-14BK	7/12/2002		--	
SDW 436-M01-15W	7/12/2002	35	--	0
SDW 436-M01-01PT	5/27/2003	274	--	0
SDW 436-M01-02GNT	5/27/2003	397	--	0
SDW 436-M01-02GNT-D	5/27/2003	400	--	0
SDW 436-M01-03RT	5/27/2003	136	--	0
SDW 436-M01-04BUT	5/27/2003	114	--	0
SDW 436-M01-05BKT	5/27/2003	79	--	0
SDW 436-M01-06WT	5/27/2003	51	--	0
SDW 436-M01-07O	5/27/2003	65	--	0
SDW 436-M01-08GY	5/27/2003	68	--	0
SDW 436-M01-09Y	5/27/2003	60	--	0
SDW 436-M01-10P	5/27/2003	52	--	0
SDW 436-M01-11GN	5/27/2003	30	--	0
SDW 436-M01-12R	5/27/2003	18	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 436-M01-13BU	5/27/2003	18	--	0
SDW 436-M01-13BU-D	5/27/2003	16	--	0
SDW 436-M01-14BK	5/27/2003	18	--	0
SDW 436-M01-15W	5/27/2003	19	--	0
SDW 436-M01-01PT	8/26/2004	--	--	--
SDW 436-M01-02GNT	8/26/2004	--	--	--
SDW 436-M01-03RT	8/26/2004	--	--	--
SDW 436-M01-04BUT	8/26/2004	--	--	--
SDW 436-M01-05BKT	8/26/2004	--	--	--
SDW 436-M01-06WT	8/26/2004	--	--	--
SDW 436-M01-06WT-D	8/26/2004	--	--	--
SDW 436-M01-07O	8/26/2004	--	--	--
SDW 436-M01-08GY	8/26/2004	--	--	--
SDW 436-M01-09Y	8/26/2004	--	--	--
SDW 436-M01-10P	8/26/2004	--	--	--
SDW 436-M01-11GN	8/26/2004	--	--	--
SDW 436-M01-12R	8/26/2004	--	--	--
SDW 436-M01-13BU	8/26/2004	--	--	--
SDW 436-M01-14BK	8/26/2004	--	--	--
SDW 436-M01-15W	8/26/2004	--	--	--
SDW 469-M01-01PT	9/27/1995	--	--	--
SDW 469-M01-02GNT	9/27/1995	314	0	--
SDW 469-M01-03RT	9/27/1995	296	0	--
SDW 469-M01-04BUT	9/27/1995	269	1	--
SDW 469-M01-05BKT	9/27/1995	340	0	--
SDW 469-M01-06WT	9/27/1995	255	0	--
SDW 469-M01-07O	9/27/1995	283	1	--
SDW 469-M01-08GY	9/27/1995	335	1	--
SDW 469-M01-09Y	9/27/1995	481	1	--
SDW 469-M01-10P	9/27/1995	475	1	--
SDW 469-M01-11GN	9/27/1995	297	1	--
SDW 469-M01-12R	9/27/1995	301	0	--
SDW 469-M01-13BU	9/27/1995	64	0	--
SDW 469-M01-14BK	9/27/1995	59	0	--
SDW 469-M01-15W	9/27/1995	207	0	--

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-01PT	11/28/1995	--	--	--
SDW 469-M01-02GNT	11/28/1995	270	0	--
SDW 469-M01-03RT	11/28/1995	250	0	--
SDW 469-M01-04BUT	11/28/1995	309	1	--
SDW 469-M01-05BKT	11/28/1995	334	1	--
SDW 469-M01-06WT	11/28/1995	392	1	--
SDW 469-M01-07O	11/28/1995	425	1	--
SDW 469-M01-08GY	11/28/1995	460	1	--
SDW 469-M01-09Y	11/28/1995	336	1	--
SDW 469-M01-10P	11/28/1995	361	1	--
SDW 469-M01-11GN	11/28/1995	345	1	--
SDW 469-M01-12R	11/28/1995	295	0	--
SDW 469-M01-13BU	11/28/1995	168	0	--
SDW 469-M01-14BK	11/28/1995	40	0	--
SDW 469-M01-15W	11/28/1995	38	0	--
SDW 469-M01-01PT	1/25/1996	--	--	--
SDW 469-M01-02GNT	1/25/1996	190	1	--
SDW 469-M01-03RT	1/25/1996	295	1	--
SDW 469-M01-04BUT	1/25/1996	323	1	--
SDW 469-M01-05BKT	1/25/1996	295	1	--
SDW 469-M01-06WT	1/25/1996	292	1	--
SDW 469-M01-07O	1/25/1996	359	1	--
SDW 469-M01-08GY	1/25/1996	446	1	--
SDW 469-M01-09Y	1/25/1996	381	2	--
SDW 469-M01-10P	1/25/1996	382	2	--
SDW 469-M01-11GN	1/25/1996	361	2	--
SDW 469-M01-12R	1/25/1996	326	1	--
SDW 469-M01-13BU	1/25/1996	103	1	--
SDW 469-M01-14BK	1/25/1996	70	1	--
SDW 469-M01-15W	1/25/1996	30	0	--
SDW 469-M01-01PT	3/21/1996	--	--	--
SDW 469-M01-02GNT	3/21/1996	248	0	--
SDW 469-M01-03RT	3/21/1996	245	0	--
SDW 469-M01-04BUT	3/21/1996	213	0	--
SDW 469-M01-05BKT	3/21/1996	256	0	--
SDW 469-M01-06WT	3/21/1996	286	0	--

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-07O	3/21/1996	373	0	--
SDW 469-M01-08GY	3/21/1996	400	1	--
SDW 469-M01-09Y	3/21/1996	365	1	--
SDW 469-M01-10P	3/21/1996	295	1	--
SDW 469-M01-11GN	3/21/1996	307	1	--
SDW 469-M01-12R	3/21/1996	121	0	--
SDW 469-M01-13BU	3/21/1996	96	0	--
SDW 469-M01-14BK	3/21/1996	34	0	--
SDW 469-M01-15W	3/21/1996	23	0	--
SDW 469-M01-01PT	5/15/1996	455	0	--
SDW 469-M01-02GNT	5/15/1996	224	1	--
SDW 469-M01-03RT	5/15/1996	196	1	--
SDW 469-M01-04BUT	5/15/1996	238	1	--
SDW 469-M01-05BKT	5/15/1996	256	1	--
SDW 469-M01-06WT	5/15/1996	344	1	--
SDW 469-M01-07O	5/15/1996	403	1	--
SDW 469-M01-08GY	5/15/1996	335	1	--
SDW 469-M01-09Y	5/15/1996	264	1	--
SDW 469-M01-10P	5/15/1996	175	1	--
SDW 469-M01-11GN	5/15/1996	151	1	--
SDW 469-M01-12R	5/15/1996	128	1	--
SDW 469-M01-13BU	5/15/1996	89	1	--
SDW 469-M01-14BK	5/15/1996	37	0	--
SDW 469-M01-15W	5/15/1996	28	0	--
SDW 469-M01-01PT	7/25/1996	236	0	--
SDW 469-M01-02GNT	7/25/1996	236	0	--
SDW 469-M01-03RT	7/25/1996	198	0	--
SDW 469-M01-04BUT	7/25/1996	156	0	--
SDW 469-M01-05BKT	7/25/1996	185	0	--
SDW 469-M01-06WT	7/25/1996	229	1	--
SDW 469-M01-07O	7/25/1996	162	1	--
SDW 469-M01-08GY	7/25/1996	239	1	--
SDW 469-M01-09Y	7/25/1996	174	1	--
SDW 469-M01-10P	7/25/1996	81	0	--
SDW 469-M01-11GN	7/25/1996	103	1	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-12R	7/25/1996	68	0	--
SDW 469-M01-13BU	7/25/1996	27	0	--
SDW 469-M01-14BK	7/25/1996	12	0	--
SDW 469-M01-15W	7/25/1996	10	0	--
SDW 469-M01-01PT	11/6/1996	--	--	--
SDW 469-M01-01PT-D	11/6/1996	--	--	--
SDW 469-M01-02GNT	11/6/1996	--	--	--
SDW 469-M01-03RT	11/6/1996	--	--	--
SDW 469-M01-04BUT	11/6/1996	--	--	--
SDW 469-M01-05BKT	11/6/1996	--	--	--
SDW 469-M01-06WT	11/6/1996	--	--	--
SDW 469-M01-07O	11/6/1996	--	--	--
SDW 469-M01-08GY	11/6/1996	--	--	--
SDW 469-M01-09Y	11/6/1996	--	--	--
SDW 469-M01-10P	11/6/1996	--	--	--
SDW 469-M01-10P-D	11/6/1996	--	--	--
SDW 469-M01-11GN	11/6/1996	--	--	--
SDW 469-M01-12R	11/6/1996	--	--	--
SDW 469-M01-13BU	11/6/1996	--	--	--
SDW 469-M01-14BK	11/6/1996	--	--	--
SDW 469-M01-15W	11/6/1996	--	--	--
SDW 469-M01-01PT	2/3/1997	577	0	0
SDW 469-M01-02GNT	2/3/1997	318	0	0
SDW 469-M01-03RT	2/3/1997	223	0	0
SDW 469-M01-04BUT	2/3/1997	188	0	0
SDW 469-M01-05BKT	2/3/1997	155	1	0
SDW 469-M01-06WT	2/3/1997	138	1	0
SDW 469-M01-07O	2/3/1997	145	1	0
SDW 469-M01-08GY	2/3/1997	113	1	0
SDW 469-M01-09Y	2/3/1997	120	1	0
SDW 469-M01-10P	2/3/1997	148	1	0
SDW 469-M01-11GN	2/3/1997	66	0	0
SDW 469-M01-12R	2/3/1997	37	0	0
SDW 469-M01-13BU	2/3/1997	36	0	0
SDW 469-M01-14BK	2/3/1997	31	0	0
SDW 469-M01-15W	2/3/1997	23	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-01PT	5/12/1997	434	1	0
SDW 469-M01-02GNT	5/12/1997	286	1	0
SDW 469-M01-03RT	5/12/1997	289	1	0
SDW 469-M01-04BUT	5/12/1997	125	1	0
SDW 469-M01-05BKT	5/12/1997	100	2	0
SDW 469-M01-06WT	5/12/1997	67	2	0
SDW 469-M01-07O	5/12/1997	88	2	0
SDW 469-M01-08GY	5/12/1997	88	2	0
SDW 469-M01-09Y	5/12/1997	122	2	0
SDW 469-M01-10P	5/12/1997	81	1	0
SDW 469-M01-11GN	5/12/1997	74	1	0
SDW 469-M01-12R	5/12/1997	25	0	0
SDW 469-M01-13BU	5/12/1997	25	0	0
SDW 469-M01-14BK	5/12/1997	21	0	0
SDW 469-M01-15W	5/12/1997	13	0	0
SDW 469-M01-01PT	8/5/1997	293	--	0
SDW 469-M01-02GNT	8/5/1997	160	--	0
SDW 469-M01-03RT	8/5/1997	223	--	0
SDW 469-M01-04BUT	8/5/1997	148	--	0
SDW 469-M01-05BKT	8/5/1997	130	--	0
SDW 469-M01-06WT	8/5/1997	118	--	0
SDW 469-M01-07O	8/5/1997	135	--	0
SDW 469-M01-08GY	8/5/1997	107	--	0
SDW 469-M01-09Y	8/5/1997	108	--	0
SDW 469-M01-10P	8/5/1997	117	--	0
SDW 469-M01-11GN	8/5/1997	101	--	0
SDW 469-M01-12R	8/5/1997	93	--	0
SDW 469-M01-13BU	8/5/1997	36	--	0
SDW 469-M01-14BK	8/5/1997	26	--	0
SDW 469-M01-15W	8/5/1997	22	--	0
SDW 469-M01-01PT	10/27/1997	342	0	0
SDW 469-M01-02GNT	10/27/1997	256	0	0
SDW 469-M01-03RT	10/27/1997	259	0	0
SDW 469-M01-04BUT	10/27/1997	139	0	0
SDW 469-M01-05BKT	10/27/1997	115	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-06WT	10/27/1997	100	0	0
SDW 469-M01-07O	10/27/1997	121	0	0
SDW 469-M01-08GY	10/27/1997	241	0	0
SDW 469-M01-09Y	10/27/1997	126	0	0
SDW 469-M01-10P	10/27/1997	93	0	0
SDW 469-M01-11GN	10/27/1997	47	0	0
SDW 469-M01-12R	10/27/1997	59	0	0
SDW 469-M01-13BU	10/27/1997	32	0	0
SDW 469-M01-14BK	10/27/1997	22	0	0
SDW 469-M01-15W	10/27/1997	20	0	0
SDW 469-M01-01PT	5/7/1998	423	--	0
SDW 469-M01-02GNT	5/7/1998	298	0	0
SDW 469-M01-03RT	5/7/1998	202	0	0
SDW 469-M01-04BUT	5/7/1998	127	0	0
SDW 469-M01-05BKT	5/7/1998	104	1	0
SDW 469-M01-06WT	5/7/1998	101	1	0
SDW 469-M01-07O	5/7/1998	93	1	0
SDW 469-M01-08GY	5/7/1998	120	1	0
SDW 469-M01-09Y	5/7/1998	116	1	0
SDW 469-M01-10P	5/7/1998	123	1	0
SDW 469-M01-11GN	5/7/1998	100	1	0
SDW 469-M01-12R	5/7/1998	39	0	0
SDW 469-M01-13BU	5/7/1998	38	--	0
SDW 469-M01-14BK	5/7/1998	21	--	0
SDW 469-M01-15W	5/7/1998	16	--	0
SDW 469-M01-01PT	10/29/1998	255	--	0
SDW 469-M01-02GNT	10/29/1998	205	--	0
SDW 469-M01-03RT	10/29/1998	259	--	0
SDW 469-M01-04BUT	10/29/1998	122	--	0
SDW 469-M01-05BKT	10/29/1998	125	--	0
SDW 469-M01-06WT	10/29/1998	98	--	0
SDW 469-M01-07O	10/29/1998	91	--	0
SDW 469-M01-08GY	10/29/1998	75	--	0
SDW 469-M01-09Y	10/29/1998	106	--	0
SDW 469-M01-10P	10/29/1998	114	--	0
SDW 469-M01-11GN	10/29/1998	48	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-12R	10/29/1998	34	--	0
SDW 469-M01-13BU	10/29/1998	27	--	0
SDW 469-M01-14BK	10/29/1998	25	--	0
SDW 469-M01-15W	10/29/1998	22	--	0
SDW 469-M01-01PT	7/1/1999	407	--	0
SDW 469-M01-02GN	7/1/1999	248	--	0
SDW 469-M01-03RT	7/1/1999	140	--	0
SDW 469-M01-04BUT	7/1/1999	95	--	0
SDW 469-M01-05BKT	7/1/1999	107	--	0
SDW 469-M01-06WT	7/1/1999	105	--	0
SDW 469-M01-07O	7/1/1999	103	--	0
SDW 469-M01-08GY	7/1/1999	101	--	0
SDW 469-M01-09Y	7/1/1999	79	--	0
SDW 469-M01-10P	7/1/1999	54	--	0
SDW 469-M01-11GN	7/1/1999	49	--	0
SDW 469-M01-12R	7/1/1999	30	--	0
SDW 469-M01-13BU	7/1/1999	19	--	0
SDW 469-M01-14BK	7/1/1999	16	--	0
SDW 469-M01-15W	7/1/1999	18	--	0
SDW 469-M01-01PT	5/24/2000	850	--	0
SDW 469-M01-02GN	5/24/2000	358	--	0
SDW 469-M01-03RT	5/24/2000	211	--	0
SDW 469-M01-04BUT	5/24/2000	98	--	0
SDW 469-M01-05BKT	5/24/2000	96	--	0
SDW 469-M01-06WT	5/24/2000	108	--	0
SDW 469-M01-07O	5/24/2000	95	--	0
SDW 469-M01-08GY	5/24/2000	48	--	0
SDW 469-M01-09Y	5/24/2000	48	--	0
SDW 469-M01-10P	5/24/2000	46	--	0
SDW 469-M01-11GN	5/24/2000	34	--	0
SDW 469-M01-12R	5/24/2000	39	--	0
SDW 469-M01-13BU	5/24/2000	41	--	0
SDW 469-M01-14BK	5/24/2000	20	--	0
SDW 469-M01-15W	5/24/2000	23	--	0
SDW 469-M01-01PT	8/29/2001	553	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-02GNT	8/29/2001	290	--	0
SDW 469-M01-03RT	8/29/2001	211	--	0
SDW 469-M01-04BUT	8/29/2001	449	--	0
SDW 469-M01-05BKT	8/29/2001	113	--	0
SDW 469-M01-06WT	8/29/2001	96	--	0
SDW 469-M01-07O	8/29/2001	96	--	0
SDW 469-M01-07O-D	8/29/2001	103	--	0
SDW 469-M01-08GY	8/29/2001	134	--	0
SDW 469-M01-09Y	8/29/2001	71	--	0
SDW 469-M01-10P	8/29/2001	40	--	0
SDW 469-M01-11GN	8/29/2001	30	--	0
SDW 469-M01-12R	8/29/2001	32	--	0
SDW 469-M01-13BU	8/29/2001	24	--	0
SDW 469-M01-14BK	8/29/2001	25	--	0
SDW 469-M01-15W	8/29/2001	21	--	0
SDW 469-M01-01PT	6/20/2002	--	--	--
SDW 469-M01-02GN	6/20/2002	426	--	0
SDW 469-M01-03RT	6/20/2002	188	--	0
SDW 469-M01-04BUT	6/20/2002	155	--	0
SDW 469-M01-05BKT	6/20/2002	88	--	0
SDW 469-M01-06WT	6/20/2002	77	--	0
SDW 469-M01-07O	6/20/2002	71	--	0
SDW 469-M01-08GY	6/20/2002	74	--	0
SDW 469-M01-09Y	6/20/2002	52	--	0
SDW 469-M01-10P	6/20/2002	71	--	0
SDW 469-M01-11GN	6/20/2002	38	--	0
SDW 469-M01-12R	6/20/2002	35	--	0
SDW 469-M01-13BU	6/20/2002	19	--	0
SDW 469-M01-14BK	6/20/2002	16	--	0
SDW 469-M01-15W	6/20/2002	17	--	0
SDW 469-M01-01PT	6/3/2003	438	--	0
SDW 469-M01-02GN	6/3/2003	380	--	0
SDW 469-M01-03RT	6/3/2003	268	--	0
SDW 469-M01-04BUT	6/3/2003	155	--	0
SDW 469-M01-05BKT	6/3/2003	87	--	0
SDW 469-M01-06WT	6/3/2003	65	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 469-M01-07O	6/3/2003	72	--	0
SDW 469-M01-08GY	6/3/2003	69	--	0
SDW 469-M01-09Y	6/3/2003	56	--	0
SDW 469-M01-10P	6/3/2003	52	--	0
SDW 469-M01-11GN	6/3/2003	48	--	0
SDW 469-M01-12R	6/3/2003	43	--	0
SDW 469-M01-13BU	6/3/2003	20	--	0
SDW 469-M01-14BK	6/3/2003	19	--	0
SDW 469-M01-15W	6/3/2003	17	--	0
SDW 469-M01-01PT	7/30/2004	370	--	--
SDW 469-M01-02GN	7/30/2004	274	--	--
SDW 469-M01-03RT	7/30/2004	224	--	--
SDW 469-M01-04BUT	7/30/2004	121	--	--
SDW 469-M01-05BKT	7/30/2004	88	--	--
SDW 469-M01-06WT	7/30/2004	89	--	--
SDW 469-M01-07O	7/30/2004	79	--	--
SDW 469-M01-07O-D	7/30/2004	80	--	--
SDW 469-M01-08GY	7/30/2004	87	--	--
SDW 469-M01-09Y	7/30/2004	80	--	--
SDW 469-M01-10P	7/30/2004	66	--	--
SDW 469-M01-11GN	7/30/2004	59	--	--
SDW 469-M01-12R	7/30/2004	51	--	--
SDW 469-M01-13BU	7/30/2004	32	--	--
SDW 469-M01-14BK	7/30/2004	31	--	--
SDW 469-M01-15W	7/30/2004	30	--	--
SDW 473-M01-01PT	9/28/1995	--	--	--
SDW 473-M01-02GNT	9/28/1995	73	0	--
SDW 473-M01-03RT	9/28/1995	75	1	--
SDW 473-M01-04BUT	9/28/1995	65	1	--
SDW 473-M01-05BKT	9/28/1995	90	1	--
SDW 473-M01-06WT	9/28/1995	61	1	--
SDW 473-M01-07O	9/28/1995	89	1	--
SDW 473-M01-08GY	9/28/1995	111	1	--
SDW 473-M01-09Y	9/28/1995	71	1	--
SDW 473-M01-10P	9/28/1995	37	0	--
SDW 473-M01-11GN	9/28/1995	17	0	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-12R	9/28/1995	12	0	--
SDW 473-M01-13BU	9/28/1995	11	0	--
SDW 473-M01-14BK	9/28/1995	10	0	--
SDW 473-M01-15W	9/28/1995	12	0	--
SDW 473-M01-01PT	11/30/1995	--	--	--
SDW 473-M01-02GNT	11/30/1995	87	1	--
SDW 473-M01-03RT	11/30/1995	84	1	--
SDW 473-M01-04BUT	11/30/1995	72	1	--
SDW 473-M01-05BKT	11/30/1995	98	1	--
SDW 473-M01-06WT	11/30/1995	107	1	--
SDW 473-M01-07O	11/30/1995	79	1	--
SDW 473-M01-08GY	11/30/1995	92	1	--
SDW 473-M01-09Y	11/30/1995	60	0	--
SDW 473-M01-10P	11/30/1995	29	0	--
SDW 473-M01-11GN	11/30/1995	20	0	--
SDW 473-M01-12R	11/30/1995	21	0	--
SDW 473-M01-13BU	11/30/1995	21	0	--
SDW 473-M01-14BK	11/30/1995	19	0	--
SDW 473-M01-15W	11/30/1995	26	0	--
SDW 473-M01-01PT	1/24/1996	--	--	--
SDW 473-M01-02GNT	1/24/1996	106	0	--
SDW 473-M01-03RT	1/24/1996	113	1	--
SDW 473-M01-04BUT	1/24/1996	116	0	--
SDW 473-M01-05BKT	1/24/1996	102	0	--
SDW 473-M01-06WT	1/24/1996	74	0	--
SDW 473-M01-07O	1/24/1996	126	1	--
SDW 473-M01-08GY	1/24/1996	121	1	--
SDW 473-M01-09Y	1/24/1996	43	0	--
SDW 473-M01-10P	1/24/1996	30	0	--
SDW 473-M01-11GN	1/24/1996	22	0	--
SDW 473-M01-12R	1/24/1996	42	0	--
SDW 473-M01-13BU	1/24/1996	24	0	--
SDW 473-M01-14BK	1/24/1996	44	0	--
SDW 473-M01-15W	1/24/1996	41	0	--
SDW 473-M01-01PT	3/20/1996	190	0	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-02GNT	3/20/1996	74	0	--
SDW 473-M01-03RT	3/20/1996	101	1	--
SDW 473-M01-04BUT	3/20/1996	105	1	--
SDW 473-M01-05BKT	3/20/1996	94	1	--
SDW 473-M01-06WT	3/20/1996	61	0	--
SDW 473-M01-07O	3/20/1996	85	1	--
SDW 473-M01-08GY	3/20/1996	124	1	--
SDW 473-M01-09Y	3/20/1996	27	0	--
SDW 473-M01-10P	3/20/1996	14	0	--
SDW 473-M01-11GN	3/20/1996	11	0	--
SDW 473-M01-12R	3/20/1996	13	0	--
SDW 473-M01-13BU	3/20/1996	9	0	--
SDW 473-M01-14BK	3/20/1996	9	0	--
SDW 473-M01-15W	3/20/1996	12	0	--
SDW 473-M01-01PT	5/16/1996	60	0	--
SDW 473-M01-02GNT	5/16/1996	79	0	--
SDW 473-M01-03RT	5/16/1996	69	0	--
SDW 473-M01-04BUT	5/16/1996	65	0	--
SDW 473-M01-05BKT	5/16/1996	63	0	--
SDW 473-M01-06WT	5/16/1996	49	0	--
SDW 473-M01-07O	5/16/1996	87	0	--
SDW 473-M01-08GY	5/16/1996	69	0	--
SDW 473-M01-09Y	5/16/1996	31	0	--
SDW 473-M01-10P	5/16/1996	9	0	--
SDW 473-M01-11GN	5/16/1996	10	0	--
SDW 473-M01-12R	5/16/1996	7	0	--
SDW 473-M01-13BU	5/16/1996	3	0	--
SDW 473-M01-14BK	5/16/1996	11	0	--
SDW 473-M01-15W	5/16/1996	10	0	--
SDW 473-M01-01PT	7/26/1996	75	0	--
SDW 473-M01-02GNT	7/26/1996	82	0	--
SDW 473-M01-03RT	7/26/1996	60	0	--
SDW 473-M01-04BUT	7/26/1996	49	0	--
SDW 473-M01-05BKT	7/26/1996	40	0	--
SDW 473-M01-06WT	7/26/1996	46	0	--
SDW 473-M01-07O	7/26/1996	147	1	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-08GY	7/26/1996	112	0	--
SDW 473-M01-09Y	7/26/1996	73	0	--
SDW 473-M01-10P	7/26/1996	14	0	--
SDW 473-M01-11GN	7/26/1996	11	0	--
SDW 473-M01-12R	7/26/1996	10	0	--
SDW 473-M01-13BU	7/26/1996	10	0	--
SDW 473-M01-14BK	7/26/1996	8	0	--
SDW 473-M01-15W	7/26/1996	12	0	--
SDW 473-M01-01PT	11/5/1996	--	--	0
SDW 473-M01-02GNT	11/5/1996	--	--	0
SDW 473-M01-03RT	11/5/1996	259	0	0
SDW 473-M01-04BUT	11/5/1996	--	--	0
SDW 473-M01-04BUT-D	11/5/1996	--	--	--
SDW 473-M01-05BKT	11/5/1996	--	--	0
SDW 473-M01-06WT	11/5/1996	--	--	0
SDW 473-M01-07O	11/5/1996	78	0	0
SDW 473-M01-08GY	11/5/1996	129	1	0
SDW 473-M01-09Y	11/7/1996	99	0	0
SDW 473-M01-10P	11/7/1996	26	0	0
SDW 473-M01-11GN	11/7/1996	14	0	0
SDW 473-M01-12R	11/7/1996	10	0	0
SDW 473-M01-13BU	11/7/1996	25	0	0
SDW 473-M01-14BK	11/7/1996	15	0	0
SDW 473-M01-15W	11/7/1996	12	0	0
SDW 473-M01-01PT	2/18/1997	--	--	--
SDW 473-M01-02GNT	2/18/1997	--	--	--
SDW 473-M01-03RT	2/18/1997	--	--	--
SDW 473-M01-04BUT	2/18/1997	--	--	--
SDW 473-M01-05BKT	2/18/1997	--	--	--
SDW 473-M01-06WT	2/18/1997	--	--	--
SDW 473-M01-07O	2/18/1997	--	--	--
SDW 473-M01-08GY	2/18/1997	--	--	--
SDW 473-M01-08GY-D	2/18/1997	--	--	--
SDW 473-M01-09Y	2/18/1997	--	--	--
SDW 473-M01-10P	2/18/1997	--	--	--
SDW 473-M01-11GN	2/18/1997	--	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-12R	2/18/1997	--	--	--
SDW 473-M01-13BU	2/18/1997	--	--	--
SDW 473-M01-14BK	2/18/1997	--	--	--
SDW 473-M01-15W	2/18/1997	--	--	--
SDW 473-M01-01PT	5/14/1997	100	1	0
SDW 473-M01-02GNT	5/14/1997	89	1	0
SDW 473-M01-03RT	5/14/1997	60	1	0
SDW 473-M01-04BUT	5/14/1997	55	1	0
SDW 473-M01-05BKT	5/14/1997	60	1	0
SDW 473-M01-06WT	5/14/1997	90	1	0
SDW 473-M01-07O	5/14/1997	120	1	0
SDW 473-M01-08GY	5/14/1997	75	1	0
SDW 473-M01-09Y	5/14/1997	65	1	0
SDW 473-M01-10P	5/14/1997	117	0	0
SDW 473-M01-11GN	5/14/1997	21	0	0
SDW 473-M01-12R	5/14/1997	17	0	0
SDW 473-M01-12R-D	5/14/1997	--	--	--
SDW 473-M01-13BU	5/14/1997	17	0	0
SDW 473-M01-14BK	5/14/1997	16	0	0
SDW 473-M01-15W	5/14/1997	14	0	0
SDW 473-M01-01PT	8/14/1997	101	--	0
SDW 473-M01-02GNT	8/14/1997	114	--	0
SDW 473-M01-03RT	8/14/1997	58	--	0
SDW 473-M01-04BUT	8/14/1997	57	--	0
SDW 473-M01-05BKT	8/14/1997	58	--	0
SDW 473-M01-06WT	8/14/1997	75	--	0
SDW 473-M01-07O	8/14/1997	80	--	0
SDW 473-M01-08GY	8/14/1997	97	--	0
SDW 473-M01-09Y	8/14/1997	62	--	0
SDW 473-M01-10P	8/14/1997	31	--	0
SDW 473-M01-11GN	8/14/1997	26	--	0
SDW 473-M01-12R	8/14/1997	25	--	0
SDW 473-M01-13BU	8/14/1997	22	--	0
SDW 473-M01-14BK	8/14/1997	19	--	0
SDW 473-M01-15W	8/14/1997	20	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-01PT	11/3/1997	95	--	0
SDW 473-M01-02GNT	11/3/1997	129	--	0
SDW 473-M01-03RT	11/3/1997	75	--	0
SDW 473-M01-04BUT	11/3/1997	58	--	0
SDW 473-M01-05BKT	11/3/1997	54	--	0
SDW 473-M01-06WT	11/3/1997	100	--	0
SDW 473-M01-07O	11/3/1997	82	--	0
SDW 473-M01-08GY	11/3/1997	75	--	0
SDW 473-M01-09Y	11/3/1997	96	--	0
SDW 473-M01-10P	11/3/1997	51	--	0
SDW 473-M01-11GN	11/3/1997	26	--	0
SDW 473-M01-12R	11/3/1997	31	--	0
SDW 473-M01-13BU	11/3/1997	25	--	0
SDW 473-M01-14BK	11/3/1997	20	--	0
SDW 473-M01-15W	11/3/1997	20	--	0
SDW 473-M01-01PT	5/12/1998	91	--	0
SDW 473-M01-02GNT	5/12/1998	97	0	0
SDW 473-M01-03RT	5/12/1998	96	1	0
SDW 473-M01-04BUT	5/12/1998	74	0	0
SDW 473-M01-05BKT	5/12/1998	49	0	0
SDW 473-M01-06WT	5/12/1998	64	1	0
SDW 473-M01-07O	5/12/1998	108	1	0
SDW 473-M01-08GY	5/12/1998	84	1	0
SDW 473-M01-09Y	5/12/1998	88	1	0
SDW 473-M01-10P	5/12/1998	36	0	0
SDW 473-M01-11GN	5/12/1998	18	0	0
SDW 473-M01-12R	5/12/1998	18	0	0
SDW 473-M01-13BU	5/12/1998	19	--	0
SDW 473-M01-14BK	5/12/1998	21	--	0
SDW 473-M01-15W	5/12/1998	23	--	0
SDW 473-M01-01PT	10/30/1998	78	--	0
SDW 473-M01-02GNT	10/30/1998	113	--	0
SDW 473-M01-03RT	10/30/1998	97	--	0
SDW 473-M01-04BUT	10/30/1998	80	--	0
SDW 473-M01-05BKT	10/30/1998	81	--	0
SDW 473-M01-06WT	10/30/1998	68	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-07O	10/30/1998	51	--	0
SDW 473-M01-08GY	10/30/1998	34	--	0
SDW 473-M01-09Y	10/30/1998	28	--	0
SDW 473-M01-10P	10/30/1998	24	--	0
SDW 473-M01-11GN	10/30/1998	18	--	0
SDW 473-M01-12R	10/30/1998	13	--	0
SDW 473-M01-13BU	10/30/1998	21	--	0
SDW 473-M01-14BK	10/30/1998	16	--	0
SDW 473-M01-15W	10/30/1998	15	--	0
SDW 473-M01-01PT	6/28/1999	105	--	0
SDW 473-M01-02GNT	6/28/1999	83	--	0
SDW 473-M01-03RT	6/28/1999	58	--	0
SDW 473-M01-04BUT	6/28/1999	67	--	0
SDW 473-M01-05BKT	6/28/1999	83	--	0
SDW 473-M01-06WT	6/28/1999	85	--	0
SDW 473-M01-07O	6/28/1999	34	--	0
SDW 473-M01-08GY	6/28/1999	43	--	0
SDW 473-M01-09Y	6/28/1999	26	--	0
SDW 473-M01-10P	6/28/1999	20	--	0
SDW 473-M01-11GN	6/28/1999	16	--	0
SDW 473-M01-12R	6/28/1999	15	--	--
SDW 473-M01-13BU	6/28/1999	16	--	0
SDW 473-M01-14BK	6/28/1999	17	--	0
SDW 473-M01-15W	6/28/1999	na	--	0
SDW 473-M01-01PT	6/13/2000	90	--	0
SDW 473-M01-02GNT	6/13/2000	83	--	0
SDW 473-M01-03RT	6/13/2000	44	--	0
SDW 473-M01-04BUT	6/13/2000	44	--	0
SDW 473-M01-05BKT	6/13/2000	83	--	0
SDW 473-M01-06WT	6/13/2000	56	--	0
SDW 473-M01-07O	6/13/2000	51	--	0
SDW 473-M01-08GY	6/13/2000	26	--	0
SDW 473-M01-09Y	6/13/2000	22	--	0
SDW 473-M01-10P	6/13/2000	19	--	0
SDW 473-M01-11GN	6/13/2000	17	--	0
SDW 473-M01-12R	6/13/2000	17	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-13BU	6/13/2000	17	--	0
SDW 473-M01-14BK	6/13/2000	16	--	0
SDW 473-M01-15W	6/13/2000	14	--	0
SDW 473-M01-01PT	8/13/2001	105	--	0
SDW 473-M01-02GNT	8/13/2001	133	--	0
SDW 473-M01-03RT	8/13/2001	86	--	0
SDW 473-M01-03RT-D	8/13/2001	78	--	0
SDW 473-M01-04BUT	8/13/2001	56	--	0
SDW 473-M01-05BKT	8/13/2001	53	--	0
SDW 473-M01-06WT	8/13/2001	49	--	0
SDW 473-M01-07O	8/13/2001	41	--	0
SDW 473-M01-08GY	8/13/2001	35	--	0
SDW 473-M01-09Y	8/13/2001	32	--	0
SDW 473-M01-10P	8/13/2001	24	--	0
SDW 473-M01-11GN	8/13/2001	17	--	0
SDW 473-M01-12R	8/13/2001	19	--	0
SDW 473-M01-13BU	8/13/2001	17	--	0
SDW 473-M01-14BK	8/13/2001	17	--	0
SDW 473-M01-15W	8/13/2001	38	--	0
SDW 473-M01-01PT	6/6/2002	--	--	--
SDW 473-M01-02GNT	6/6/2002	124	--	0
SDW 473-M01-03RT	6/6/2002	56	--	0
SDW 473-M01-04BUT	6/6/2002	44	--	0
SDW 473-M01-05BKT	6/6/2002	40	--	0
SDW 473-M01-06WT	6/6/2002	44	--	0
SDW 473-M01-07O	6/6/2002	47	--	0
SDW 473-M01-08GY	6/6/2002	27	--	0
SDW 473-M01-09Y	6/6/2002	24	--	0
SDW 473-M01-10P	6/6/2002	18	--	0
SDW 473-M01-11GN	6/6/2002	12	--	0
SDW 473-M01-12R	6/6/2002	15	--	0
SDW 473-M01-13BU	6/6/2002	13	--	0
SDW 473-M01-14BK	6/6/2002	14	--	0
SDW 473-M01-15W	6/6/2002	14	--	0
SDW 473-M01-01PT	5/16/2003	90	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 473-M01-02GNT	5/16/2003	136	--	0
SDW 473-M01-03RT	5/16/2003	142	--	0
SDW 473-M01-04BUT	5/16/2003	49	--	0
SDW 473-M01-05BKT	5/16/2003	42	--	0
SDW 473-M01-06WT	5/16/2003	45	--	0
SDW 473-M01-07O	5/16/2003	40	--	0
SDW 473-M01-08GY	5/16/2003	37	--	0
SDW 473-M01-09Y	5/16/2003	26	--	0
SDW 473-M01-10P	5/16/2003	21	--	0
SDW 473-M01-11GN	5/16/2003	19	--	0
SDW 473-M01-12R	5/16/2003	18	--	0
SDW 473-M01-13BU	5/16/2003	17	--	0
SDW 473-M01-14BK	5/16/2003	15	--	0
SDW 473-M01-15W	5/16/2003	16	--	0
SDW 473-M01-01PT	8/18/2004	95	--	--
SDW 473-M01-02GNT	8/18/2004	119	--	--
SDW 473-M01-03RT	8/18/2004	67	--	--
SDW 473-M01-04BUT	8/18/2004	54	--	--
SDW 473-M01-05BKT	8/18/2004	53	--	--
SDW 473-M01-06WT	8/18/2004	51	--	--
SDW 473-M01-07O	8/18/2004	41	--	--
SDW 473-M01-08GY	8/18/2004	40	--	--
SDW 473-M01-08GY-D	8/18/2004	39	--	--
SDW 473-M01-09Y	8/18/2004	38	--	--
SDW 473-M01-10P	8/18/2004	30	--	--
SDW 473-M01-11GN	8/18/2004	31	--	--
SDW 473-M01-12R	8/18/2004	33	--	--
SDW 473-M01-13BU	8/18/2004	31	--	--
SDW 473-M01-14BK	8/18/2004	28	--	--
SDW 473-M01-15W	8/18/2004	28	--	--
SDW 474-M01-01PT	9/22/1995	--	--	--
SDW 474-M01-02GNT	9/22/1995	70	0	--
SDW 474-M01-03RT	9/22/1995	52	0	--
SDW 474-M01-04BUT	9/22/1995	51	0	--
SDW 474-M01-05BKT	9/22/1995	68	0	--
SDW 474-M01-06WT	9/22/1995	69	0	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-07O	9/22/1995	42	0	--
SDW 474-M01-08GY	9/22/1995	36	0	--
SDW 474-M01-09Y	9/22/1995	36	0	--
SDW 474-M01-10P	9/22/1995	36	0	--
SDW 474-M01-11GN	9/22/1995	30	0	--
SDW 474-M01-12R	9/22/1995	29	0	--
SDW 474-M01-13BU	9/22/1995	31	0	--
SDW 474-M01-14BK	9/22/1995	31	0	--
SDW 474-M01-15W	9/22/1995	36	0	--
SDW 474-M01-01PT	11/30/1995	--	--	--
SDW 474-M01-02GNT	11/30/1995	116	0	--
SDW 474-M01-03RT	11/30/1995	75	0	--
SDW 474-M01-04BUT	11/30/1995	52	0	--
SDW 474-M01-05BKT	11/30/1995	69	0	--
SDW 474-M01-06WT	11/30/1995	80	0	--
SDW 474-M01-07O	11/30/1995	39	0	--
SDW 474-M01-08GY	11/30/1995	37	0	--
SDW 474-M01-09Y	11/30/1995	38	0	--
SDW 474-M01-10P	11/30/1995	39	0	--
SDW 474-M01-11GN	11/30/1995	30	0	--
SDW 474-M01-12R	11/30/1995	30	0	--
SDW 474-M01-13BU	11/30/1995	31	0	--
SDW 474-M01-14BK	11/30/1995	34	0	--
SDW 474-M01-15W	11/30/1995	35	0	--
SDW 474-M01-01PT	1/26/1996	--	--	--
SDW 474-M01-02GNT	1/26/1996	93	0	--
SDW 474-M01-03RT	1/26/1996	70	0	--
SDW 474-M01-04BUT	1/26/1996	59	0	--
SDW 474-M01-05BKT	1/26/1996	87	1	--
SDW 474-M01-06WT	1/26/1996	93	1	--
SDW 474-M01-07O	1/26/1996	95	1	--
SDW 474-M01-08GY	1/26/1996	31	0	--
SDW 474-M01-09Y	1/26/1996	23	0	--
SDW 474-M01-10P	1/26/1996	37	0	--
SDW 474-M01-11GN	1/26/1996	22	0	--
SDW 474-M01-12R	1/26/1996	24	0	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-13BU	1/26/1996	20	0	--
SDW 474-M01-14BK	1/26/1996	32	0	--
SDW 474-M01-15W	1/26/1996	31	0	--
SDW 474-M01-01PT	3/22/1996	93	0	--
SDW 474-M01-02GNT	3/22/1996	68	0	--
SDW 474-M01-03RT	3/22/1996	42	0	--
SDW 474-M01-04BUT	3/22/1996	34	0	--
SDW 474-M01-05BKT	3/22/1996	34	0	--
SDW 474-M01-06WT	3/22/1996	59	0	--
SDW 474-M01-07O	3/22/1996	27	0	--
SDW 474-M01-08GY	3/22/1996	15	0	--
SDW 474-M01-09Y	3/22/1996	18	0	--
SDW 474-M01-10P	3/22/1996	11	0	--
SDW 474-M01-11GN	3/22/1996	10	0	--
SDW 474-M01-12R	3/22/1996	5	0	--
SDW 474-M01-13BU	3/22/1996	5	0	--
SDW 474-M01-14BK	3/22/1996	4	0	--
SDW 474-M01-15W	3/22/1996	6	0	--
SDW 474-M01-01PT	5/16/1996	103	0	--
SDW 474-M01-02GNT	5/16/1996	75	0	--
SDW 474-M01-03RT	5/16/1996	48	0	--
SDW 474-M01-04BUT	5/16/1996	42	0	--
SDW 474-M01-05BKT	5/16/1996	42	0	--
SDW 474-M01-06WT	5/16/1996	60	0	--
SDW 474-M01-07O	5/16/1996	41	0	--
SDW 474-M01-08GY	5/16/1996	16	0	--
SDW 474-M01-09Y	5/16/1996	15	0	--
SDW 474-M01-10P	5/16/1996	11	0	--
SDW 474-M01-11GN	5/16/1996	12	0	--
SDW 474-M01-12R	5/16/1996	10	0	--
SDW 474-M01-13BU	5/16/1996	8	0	--
SDW 474-M01-14BK	5/16/1996	10	0	--
SDW 474-M01-15W	5/16/1996	8	0	--
SDW 474-M01-01PT	7/30/1996	63	0	--
SDW 474-M01-02GNT	7/30/1996	54	0	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-03RT	7/30/1996	39	0	--
SDW 474-M01-04BUT	7/30/1996	38	0	--
SDW 474-M01-05BKT	7/30/1996	55	0	--
SDW 474-M01-06WT	7/30/1996	52	0	--
SDW 474-M01-07O	7/30/1996	25	0	--
SDW 474-M01-08GY	7/30/1996	14	0	--
SDW 474-M01-09Y	7/30/1996	14	0	--
SDW 474-M01-10P	7/30/1996	12	0	--
SDW 474-M01-11GN	7/30/1996	8	0	--
SDW 474-M01-12R	7/30/1996	5	0	--
SDW 474-M01-13BU	7/30/1996	9	0	--
SDW 474-M01-14BK	7/30/1996	--	0	--
SDW 474-M01-15W	7/30/1996	--	0	--
SDW 474-M01-01PT	11/7/1996	88	0	0
SDW 474-M01-02GNT	11/7/1996	88	0	0
SDW 474-M01-03RT	11/7/1996	66	0	0
SDW 474-M01-04BUT	11/7/1996	42	0	0
SDW 474-M01-05BKT	11/7/1996	28	0	0
SDW 474-M01-06WT	11/7/1996	46	0	0
SDW 474-M01-07O	11/7/1996	68	0	--
SDW 474-M01-08GY	11/7/1996	11	0	--
SDW 474-M01-09Y	11/7/1996	11	0	--
SDW 474-M01-10P	11/7/1996	7	0	--
SDW 474-M01-11GN	11/7/1996	5	0	--
SDW 474-M01-12R	11/7/1996	37	0	--
SDW 474-M01-13BU	11/7/1996	6	0	--
SDW 474-M01-14BK	11/7/1996	22	0	--
SDW 474-M01-15W	11/7/1996	13	0	--
SDW 474-M01-01PT	5/8/1997	97	0	0
SDW 474-M01-02GNT	5/8/1997	68	1	0
SDW 474-M01-03RT	5/8/1997	49	1	0
SDW 474-M01-04BUT	5/8/1997	43	1	0
SDW 474-M01-05BKT	5/8/1997	47	1	0
SDW 474-M01-06WT	5/8/1997	57	1	0
SDW 474-M01-07O	5/8/1997	50	1	0
SDW 474-M01-08GY	5/8/1997	21	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-09Y	5/8/1997	20	0	0
SDW 474-M01-10P	5/8/1997	20	0	0
SDW 474-M01-11GN	5/8/1997	14	0	0
SDW 474-M01-12R	5/8/1997	14	0	0
SDW 474-M01-13BU	5/8/1997	13	0	0
SDW 474-M01-14BK	5/8/1997	15	0	0
SDW 474-M01-15W	5/8/1997	28	0	0
SDW 474-M01-01PT	8/14/1997	123	--	0
SDW 474-M01-02GNT	8/14/1997	62	--	0
SDW 474-M01-03RT	8/14/1997	56	--	0
SDW 474-M01-04BUT	8/14/1997	54	--	0
SDW 474-M01-05BKT	8/14/1997	51	--	0
SDW 474-M01-06WT	8/14/1997	46	--	0
SDW 474-M01-07O	8/14/1997	57	--	0
SDW 474-M01-08GY	8/14/1997	38	--	0
SDW 474-M01-09Y	8/14/1997	22	--	0
SDW 474-M01-10P	8/14/1997	23	--	0
SDW 474-M01-11GN	8/14/1997	17	--	0
SDW 474-M01-12R	8/14/1997	18	--	0
SDW 474-M01-13BU	8/14/1997	18	--	0
SDW 474-M01-14BK	8/14/1997	21	--	0
SDW 474-M01-15W	8/14/1997	20	--	0
SDW 474-M01-01PT	10/30/1997	68	0	0
SDW 474-M01-02GNT	10/30/1997	57	0	0
SDW 474-M01-03RT	10/30/1997	50	0	0
SDW 474-M01-04BUT	10/30/1997	51	0	0
SDW 474-M01-05BKT	10/30/1997	43	0	0
SDW 474-M01-06WT	10/30/1997	53	0	0
SDW 474-M01-07O	10/30/1997	55	0	0
SDW 474-M01-08GY	10/30/1997	47	0	0
SDW 474-M01-09Y	10/30/1997	19	0	0
SDW 474-M01-10P	10/30/1997	15	0	0
SDW 474-M01-11GN	10/30/1997	14	0	0
SDW 474-M01-12R	10/30/1997	13	0	0
SDW 474-M01-13BU	10/30/1997	15	0	0
SDW 474-M01-14BK	10/30/1997	17	0	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-15W	10/30/1997	18	0	0
SDW 474-M01-01PT	5/18/1998	173	0	0
SDW 474-M01-02GNT	5/18/1998	61	0	0
SDW 474-M01-03RT	5/18/1998	49	0	0
SDW 474-M01-04BUT	5/18/1998	48	0	0
SDW 474-M01-05BKT	5/18/1998	43	0	0
SDW 474-M01-06WT	5/18/1998	52	0	0
SDW 474-M01-07O	5/18/1998	55	0	0
SDW 474-M01-08GY	5/18/1998	26	0	0
SDW 474-M01-09Y	5/18/1998	23	0	0
SDW 474-M01-10P	5/18/1998	19	0	0
SDW 474-M01-11GN	5/18/1998	15	0	0
SDW 474-M01-12R	5/18/1998	17	0	0
SDW 474-M01-13BU	5/18/1998	15	0	0
SDW 474-M01-14BK	5/18/1998	17	0	0
SDW 474-M01-15W	5/18/1998	15	0	0
SDW 474-M01-01PT	11/4/1998	14	--	0
SDW 474-M01-02GNT	11/4/1998	73	--	0
SDW 474-M01-03RT	11/4/1998	71	--	0
SDW 474-M01-04BUT	11/4/1998	58	--	0
SDW 474-M01-05BKT	11/4/1998	54	--	0
SDW 474-M01-06WT	11/4/1998	61	--	0
SDW 474-M01-07O	11/4/1998	60	--	0
SDW 474-M01-08GY	11/4/1998	35	--	0
SDW 474-M01-09Y	11/4/1998	20	--	0
SDW 474-M01-10P	11/4/1998	18	--	0
SDW 474-M01-11GN	11/4/1998	17	--	0
SDW 474-M01-12R	11/4/1998	12	--	0
SDW 474-M01-13BU	11/4/1998	14	--	0
SDW 474-M01-14BK	11/4/1998	16	--	0
SDW 474-M01-15W	11/4/1998	13	--	0
SDW 474-M01-01PT	6/16/1999	88	--	0
SDW 474-M01-02GNT	6/16/1999	44	--	0
SDW 474-M01-03RT	6/16/1999	39	--	0
SDW 474-M01-04BUT	6/16/1999	46	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-05BKT	6/16/1999	64	--	0
SDW 474-M01-06WT	6/16/1999	88	--	0
SDW 474-M01-07O	6/16/1999	--	--	--
SDW 474-M01-08GY	6/16/1999	26	--	0
SDW 474-M01-09Y	6/16/1999	20	--	0
SDW 474-M01-10P	6/16/1999	24	--	0
SDW 474-M01-11GN	6/16/1999	18	--	0
SDW 474-M01-12R	6/16/1999	15	--	0
SDW 474-M01-13BU	6/16/1999	--	--	--
SDW 474-M01-14BK	6/16/1999	16	--	0
SDW 474-M01-15W	6/16/1999	15	--	0
SDW 474-M01-01PT	6/12/2000	193	--	0
SDW 474-M01-02GNT	6/12/2000	56	--	0
SDW 474-M01-03RT	6/12/2000	44	--	0
SDW 474-M01-04BUT	6/12/2000	56	--	0
SDW 474-M01-05BKT	6/12/2000	87	--	0
SDW 474-M01-06WT	6/12/2000	36	--	0
SDW 474-M01-07O	6/12/2000	21	--	0
SDW 474-M01-08GY	6/12/2000	21	--	0
SDW 474-M01-09Y	6/12/2000	19	--	0
SDW 474-M01-10P	6/12/2000	19	--	0
SDW 474-M01-11GN	6/12/2000	16	--	0
SDW 474-M01-12R	6/12/2000	12	--	0
SDW 474-M01-13BU	6/12/2000	14	--	0
SDW 474-M01-14BK	6/12/2000	15	--	0
SDW 474-M01-15W	6/12/2000	13	--	0
SDW 474-M01-01PT	6/17/2002	--	--	--
SDW 474-M01-02GNT	6/17/2002	111	--	0
SDW 474-M01-03RT	6/17/2002	41	--	0
SDW 474-M01-04BUT	6/17/2002	37	--	0
SDW 474-M01-05BKT	6/17/2002	34	--	0
SDW 474-M01-06WT	6/17/2002	42	--	0
SDW 474-M01-07O	6/17/2002	45	--	0
SDW 474-M01-08GY	6/17/2002	19	--	0
SDW 474-M01-09Y	6/17/2002	23	--	0
SDW 474-M01-10P	6/17/2002	13	--	0

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

[Source of data: Richard L. Smith, Larry B. Barber, and Deborah A. Repert, U.S. Geological Survey, National Research Program, Boulder, CO. Locations of wells and multilevel samplers are shown in figure 1. -D, duplicate; μM , micromoles per liter; mM, millimoles per liter; nm, nanometer; --, no data]

Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 474-M01-11GN	6/17/2002	20	--	0
SDW 474-M01-12R	6/17/2002	12	--	0
SDW 474-M01-13BU	6/17/2002	16	--	0
SDW 474-M01-14BK	6/17/2002	na	--	--
SDW 474-M01-15W	6/17/2002	16	--	0
SDW 474-M01-01PT	5/30/2003	131	--	0
SDW 474-M01-02GNT	5/30/2003	88	--	0
SDW 474-M01-03RT	5/30/2003	52	--	0
SDW 474-M01-04BUT	5/30/2003	48	--	0
SDW 474-M01-05BKT	5/30/2003	32	--	0
SDW 474-M01-06WT	5/30/2003	31	--	0
SDW 474-M01-07O	5/30/2003	27	--	0
SDW 474-M01-08GY	5/30/2003	24	--	0
SDW 474-M01-09Y	5/30/2003	19	--	0
SDW 474-M01-10P	5/30/2003	21	--	0
SDW 474-M01-11GN	5/30/2003	20	--	0
SDW 474-M01-12R	5/30/2003	17	--	0
SDW 474-M01-13BU	5/30/2003	15	--	0
SDW 474-M01-14BK	5/30/2003	14	--	0
SDW 474-M01-15W	5/30/2003	16	--	0
SDW 474-M01-01PT	8/26/2004	94	--	--
SDW 474-M01-02GNT	8/26/2004	71	--	--
SDW 474-M01-03RT	8/26/2004	41	--	--
SDW 474-M01-04BUT	8/26/2004	44	--	--
SDW 474-M01-05BKT	8/26/2004	42	--	--
SDW 474-M01-06WT	8/26/2004	38	--	--
SDW 474-M01-07O	8/26/2004	34	--	--
SDW 474-M01-08GY	8/26/2004	38	--	--
SDW 474-M01-09Y	8/26/2004	38	--	--
SDW 474-M01-09Y-D	8/26/2004	34	--	--
SDW 474-M01-10P	8/26/2004	34	--	--
SDW 474-M01-11GN	8/26/2004	24	--	--
SDW 474-M01-12R	8/26/2004	18	--	--
SDW 474-M01-13BU	8/26/2004	28	--	--
SDW 474-M01-14BK	8/26/2004	22	--	--
SDW 474-M01-15W	8/26/2004	17	--	--

Table 8. Concentrations of dissolved organic carbon, dissolved inorganic carbon, and ultraviolet/visible absorbance for water samples from wells and multilevel samplers in and near the treated-wastewater plume, Ashumet Valley, Massachusetts, 1994-2004.

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 521-M01-01PT	8/14/2001	148	--	0
SDW 521-M01-02GNT	8/14/2001	118	--	0
SDW 521-M01-03RT	8/14/2001	107	--	0
SDW 521-M01-04BUT	8/14/2001	58	--	0
SDW 521-M01-05BKT	8/14/2001	75	--	0
SDW 521-M01-06WT	8/14/2001	56	--	0
SDW 521-M01-07O	8/14/2001	65	--	0
SDW 521-M01-08GY	8/14/2001	41	--	0
SDW 521-M01-09Y	8/14/2001	50	--	0
SDW 521-M01-10P	8/14/2001	30	--	0
SDW 521-M01-11GN	8/14/2001	24	--	0
SDW 521-M01-12R	8/14/2001	25	--	0
SDW 521-M01-13BU	8/14/2001	39	--	0
SDW 521-M01-13BU-D	8/14/2001	22	--	0
SDW 521-M01-14BK	8/14/2001	19	--	0
SDW 521-M01-15W	8/14/2001	20	--	0
SDW 521-M01-02GNT	6/17/2002	106	--	0
SDW 521-M01-03RT	6/17/2002	89	--	0
SDW 521-M01-04BUT	6/17/2002	52	--	0
SDW 521-M01-05BKT	6/17/2002	52	--	0
SDW 521-M01-06WT	6/17/2002	118	--	0
SDW 521-M01-07O	6/17/2002	50	--	0
SDW 521-M01-08GY	6/17/2002	41	--	0
SDW 521-M01-08GY-D	6/17/2002	43	--	0
SDW 521-M01-09Y	6/17/2002	33	--	0
SDW 521-M01-10P	6/17/2002	56	--	0
SDW 521-M01-10P-D	6/17/2002	27	--	0
SDW 521-M01-11GN	6/17/2002	--	--	--
SDW 521-M01-12R	6/17/2002	16	--	0
SDW 521-M01-13BU	6/17/2002	17	--	0
SDW 521-M01-14BK	6/17/2002	38	--	0
SDW 521-M01-15W	6/17/2002	32	--	0
SDW 521-M01-01PT	6/3/2003	344	--	0
SDW 521-M01-02GNT	6/3/2003	98	--	0
SDW 521-M01-03RT	6/3/2003	141	--	0

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Well or multilevel-sampler port	Date	Carbon, organic, dissolved, total (μM)	Carbon, inorganic, dissolved, total (mM)	Absorbance, filtered sample, 254-nm wavelength
SDW 521-M01-04BUT	6/3/2003	69	--	0
SDW 521-M01-05BKT	6/3/2003	45	--	0
SDW 521-M01-06WT	6/3/2003	41	--	0
SDW 521-M01-07O	6/3/2003	58	--	0
SDW 521-M01-08GY	6/3/2003	55	--	0
SDW 521-M01-09Y	6/3/2003	33	--	0
SDW 521-M01-10P	6/3/2003	21	--	0
SDW 521-M01-11GN	6/3/2003	20	--	0
SDW 521-M01-12R	6/3/2003	20	--	0
SDW 521-M01-13BU	6/3/2003	17	--	0
SDW 521-M01-14BK	6/3/2003	22	--	0
SDW 521-M01-15W	6/3/2003	20	--	0
SDW 521-M01-01PT	7/26/2004	--	--	--
SDW 521-M01-02GNT	7/26/2004	--	--	--
SDW 521-M01-03RT	7/26/2004	--	--	--
SDW 521-M01-04BUT	7/26/2004	--	--	--
SDW 521-M01-05BKT	7/26/2004	--	--	--
SDW 521-M01-06WT	7/26/2004	--	--	--
SDW 521-M01-07O	7/26/2004	--	--	--
SDW 521-M01-08GY	7/26/2004	--	--	--
SDW 521-M01-09Y	7/26/2004	--	--	--
SDW 521-M01-10P	7/26/2004	--	--	--
SDW 521-M01-10P-D	7/26/2004	--	--	--
SDW 521-M01-11GN	7/26/2004	--	--	--
SDW 521-M01-12R	7/26/2004	--	--	--
SDW 521-M01-13BU	7/26/2004	--	--	--
SDW 521-M01-14BK	7/26/2004	--	--	--
SDW 521-M01-15W	7/26/2004	--	--	--