

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES

Ground-water-quality data were collected in Buncombe County during April 2003 for the ongoing Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for sites listed in the following table are shown in figure 8.

Date	Time	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., mg/L as CaCO3 (00419)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)													
APR 2003 21...	1130	6.0	5.3	10	11.8	4	0.76	0.538	0.28	1.06	6	E.01	0.61
352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)													
APR 2003 21...	1030	6.9	5.4	10	12.6	4	0.72	0.510	0.25	1.06	6	E.01	0.57
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 40N LONG 082 38 11W)													
APR 2003 21...	1100	0.1	7.0	69	13.7	24	7.49	1.31	0.85	5.18	25	0.05	2.11
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)													
APR 2003 21...	1445	5.0	5.3	21	12.4	9	1.69	1.08	0.34	0.89	8	0.02	1.22
352854082380503 BU-073 BENT CREEK RS MW-2D (BEDROCK WELL) (LAT 35 28 53N LONG 082 38 06W)													
APR 2003 21...	1530	0.1	8.7	314	14.3	89	34.2	0.813	2.01	23.9	32	0.14	15.3
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 56N LONG 082 38 12W)													
APR 2003 22...	1100	6.3	5.1	12	12.0	4	0.62	0.555	0.61	1.54	5	E.01	0.76
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 11W)													
APR 2003 22...	1030	7.8	5.7	13	12.6	6	1.38	0.575	1.08	1.18	7	E.01	0.90
352856082381203 BU-076 BENT CREEK RS MW-3D (BEDROCK WELL) (LAT 35 28 56N LONG 082 38 12W)													
APR 2003 22...	1045	0.1	8.5	135	14.4	46	16.0	1.41	5.68	5.85	53	E.01	1.25
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 26W)													
APR 2003 22...	1430	7.5	4.8	8	11.6	3	0.43	0.435	0.50	0.62	4	<0.02	0.33
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)													
APR 2003 22...	1445	9.0	5.5	6	13.2	3	0.66	0.420	0.73	0.81	4	<0.02	0.34
352808082382603 BU-079 BENT CREEK RS MW-4D (BEDROCK WELL) (LAT 35 28 07N LONG 082 38 25W)													
APR 2003 22...	1500	0.1	8.3	127	13.5	49	17.6	1.18	4.63	3.64	46	E.01	0.43
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 34W)													
APR 2003 23...	1645	3.8	6.7	20	10.7	7	1.10	0.928	1.17	1.51	8	E.01	1.00
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 10N LONG 082 38 35W)													
APR 2003 23...	1630	4.6	5.0	16	12.6	4	0.70	0.474	0.63	1.64	8	<0.02	0.56

MISCELLANEOUS STATION ANALYSES—Continued

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)													
APR 2003 21...	8.97	0.6	13	<0.10	<0.04	<0.06	<0.008	<0.02	2	<0.30	<2	3	<0.06
352840082381002 BU-069 BENT CREEK RS MW-II (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)													
APR 2003 21...	8.90	0.7	12	<0.10	<0.04	<0.06	<0.008	<0.02	E1	<0.30	<2	2	<0.06
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 40N LONG 082 38 11W)													
APR 2003 21...	23.3	7.6	60	<0.10	<0.04	<0.06	<0.008	<0.02	<2	<0.30	<2	1	<0.06
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)													
APR 2003 21...	7.02	1.7	15	<0.10	<0.04	0.09	<0.008	<0.02	13	<0.30	<2	7	<0.06
352854082380503 BU-073 BENT CREEK RS MW-2D (BEDROCK WELL) (LAT 35 28 53N LONG 082 38 06W)													
APR 2003 21...	16.5	79.0	201	0.13	<0.04	<0.06	<0.008	<0.02	12	<0.30	<2	2	<0.06
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 56N LONG 082 38 12W)													
APR 2003 22...	9.60	0.9	13	<0.10	<0.04	<0.06	<0.008	<0.02	3	<0.30	<2	8	<0.06
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 11W)													
APR 2003 22...	9.10	0.9	16	<0.10	<0.04	E.05	<0.008	E.01	E2	<0.30	<2	10	<0.06
352856082381203 BU-076 BENT CREEK RS MW-3D (BEDROCK WELL) (LAT 35 28 56N LONG 082 38 12W)													
APR 2003 22...	14.7	11.4	83	<0.10	<0.04	<0.06	<0.008	<0.02	7	<0.30	<2	5	<0.06
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 26W)													
APR 2003 22...	6.64	E.2	<10	<0.10	<0.04	<0.06	<0.008	<0.02	5	<0.30	<2	13	E.05
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)													
APR 2003 22...	7.42	0.3	14	<0.10	<0.04	<0.06	<0.008	<0.02	4	<0.30	<2	12	<0.06
352808082382603 BU-079 BENT CREEK RS MW-4D (BEDROCK WELL) (LAT 35 28 07N LONG 082 38 25W)													
APR 2003 22...	12.2	13.3	81	<0.10	<0.04	<0.06	<0.008	<0.02	10	E.20	<2	11	<0.06
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 34W)													
APR 2003 23...	9.92	1.2	30	<0.10	<0.04	0.25	<0.008	<0.02	4	<0.30	<2	22	<0.06
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 10N LONG 082 38 35W)													
APR 2003 23...	11.2	0.4	18	<0.10	<0.04	<0.06	<0.008	<0.02	4	<0.30	<2	11	<0.06

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Boron, water, flt'd, ug/L (01020)	Cadmium, water, flt'd, ug/L (01025)	Chrom- ium, water, flt'd, ug/L (01030)	Cobalt water, flt'd, ug/L (01035)	Copper, water, flt'd, ug/L (01040)	Iron, water, flt'd, ug/L (01046)	Lead, water, flt'd, ug/L (01049)	Mangan- ese, water, flt'd, ug/L (01056)	Molyb- denum, water, flt'd, ug/L (01060)	Nickel, water, flt'd, ug/L (01065)	Selen- ium, water, flt'd, ug/L (01145)	Silver, water, flt'd, ug/L (01075)	Zinc, water, flt'd, ug/L (01090)
	352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)												
APR 2003 21...	<13	<0.04	<0.8	0.258	0.6	<10	0.09	14.7	<0.3	0.28	<3	<0.2	17
	352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)												
APR 2003 21...	<13	<0.04	<0.8	E.010	<0.2	<10	<0.08	1.2	<0.3	0.13	<3	<0.2	M
	352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 40N LONG 082 38 11W)												
APR 2003 21...	<13	<0.04	<0.8	0.978	<0.2	407	<0.08	19.8	<0.3	3.36	<3	<0.2	117
	352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)												
APR 2003 21...	<13	<0.04	<0.8	0.570	0.4	<10	<0.08	9.7	<0.3	1.07	<3	<0.2	2
	352854082380503 BU-073 BENT CREEK RS MW-2D (BEDROCK WELL) (LAT 35 28 53N LONG 082 38 06W)												
APR 2003 21...	<13	<0.04	<0.8	0.070	0.3	<10	<0.08	3.8	1.3	1.23	<3	<0.2	M
	352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 56N LONG 082 38 12W)												
APR 2003 22...	<13	<0.04	<0.8	0.851	<0.2	<10	0.11	16.7	<0.3	0.32	<3	<0.2	M
	352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 11W)												
APR 2003 22...	<13	<0.04	<0.8	0.143	<0.2	<10	<0.08	8.5	<0.3	0.77	<3	<0.2	<1
	352856082381203 BU-076 BENT CREEK RS MW-3D (BEDROCK WELL) (LAT 35 28 56N LONG 082 38 12W)												
APR 2003 22...	<13	<0.04	<0.8	0.049	<0.2	34	E.04	28.2	2.8	0.73	<3	<0.2	199
	352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 26W)												
APR 2003 22...	<13	<0.04	<0.8	0.078	1.2	<10	E.04	19.9	<0.3	0.24	<3	<0.2	5
	352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)												
APR 2003 22...	<13	<0.04	<0.8	0.033	<0.2	<10	<0.08	1.4	<0.3	0.28	<3	<0.2	M
	352808082382603 BU-079 BENT CREEK RS MW-4D (BEDROCK WELL) (LAT 35 28 07N LONG 082 38 25W)												
APR 2003 22...	<13	<0.04	<0.8	0.269	<0.2	E9	<0.08	39.3	6.5	1.70	<3	<0.2	35
	352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 34W)												
APR 2003 23...	<13	<0.04	<0.8	0.099	0.4	<10	E.05	42.8	<0.3	0.46	<3	<0.2	1
	352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 10N LONG 082 38 35W)												
APR 2003 23...	<13	<0.04	<0.8	0.041	0.7	<10	E.08	3.7	<0.3	0.14	<3	<0.2	3

WATER QUALITY DATA

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MISCELLANEOUS STATION ANALYSES—Continued

Date	Alpha radio-activity water, fltrd, Th-230, pCi/L (04126)	Gross beta radioac water, fltrd, Cs-137, pCi/L (03515)	Rn-222, water, unfltrd pCi/L (82303)	Uranium natural water, fltrd, ug/L (22703)
352840082381001 BU-068 BENT CREEK RS MW-1S (REGOLITH WELL) (LAT 35 28 39N LONG 082 38 10W)				
APR 2003 21...	0.1	1.1	4,090	<0.02
352840082381002 BU-069 BENT CREEK RS MW-1I (TRANSITION ZONE WELL) (LAT 35 28 40N LONG 082 38 10W)				
APR 2003 21...	0.2	1.1	5,310	<0.02
352840082381003 BU-070 BENT CREEK RS MW-1D (BEDROCK WELL) (LAT 35 28 40N LONG 082 38 11W)				
APR 2003 21...	1.2	1.9	2,730	0.26
352854082380502 BU-072 BENT CREEK RS MW-2I (TRANSITION ZONE WELL) (LAT 35 28 54N LONG 082 38 05W)				
APR 2003 21...	0.6	1.1	2,910	<0.02
352854082380503 BU-073 BENT CREEK RS MW-2D (BEDROCK WELL) (LAT 35 28 53N LONG 082 38 06W)				
APR 2003 21...	0.1	2.9	130	0.15
352856082381201 BU-074 BENT CREEK RS MW-3S (REGOLITH WELL) (LAT 35 28 56N LONG 082 38 12W)				
APR 2003 22...	0.2	0.6	900	<0.02
352856082381202 BU-075 BENT CREEK RS MW-3I (TRANSITION ZONE WELL) (LAT 35 28 57N LONG 082 38 11W)				
APR 2003 22...	0.1	1.1	2,360	0.03
352856082381203 BU-076 BENT CREEK RS MW-3D (BEDROCK WELL) (LAT 35 28 56N LONG 082 38 12W)				
APR 2003 22...	0.4	7.5	200	0.07
352808082382601 BU-077 BENT CREEK RS MW-4S (REGOLITH WELL) (LAT 35 28 08N LONG 082 38 26W)				
APR 2003 22...	0.6	1.2	1,650	<0.02
352808082382602 BU-078 BENT CREEK RS MW-4I (TRANSITION ZONE WELL) (LAT 35 28 08N LONG 082 38 26W)				
APR 2003 22...	0.2	0.7	1,260	<0.02
352808082382603 BU-079 BENT CREEK RS MW-4D (BEDROCK WELL) (LAT 35 28 07N LONG 082 38 25W)				
APR 2003 22...	6.1	10.2	1,300	4.99
352810082383501 BU-080 BENT CREEK RS MW-5S (REGOLITH WELL) (LAT 35 28 10N LONG 082 38 34W)				
APR 2003 23...	0.1	1.7	950	<0.02
352810082383502 BU-081 BENT CREEK RS MW-5I (TRANSITION ZONE WELL) (LAT 35 28 10N LONG 082 38 35W)				
APR 2003 23...	0.6	0.8	2,760	<0.02

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)	
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 34W)														
APR 2003	23...	1730	2.4	6.6	15	14.1	24	7.20	1.38	3.25	2.75	34	E.01	0.93
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 28 27N LONG 082 38 39W)														
APR 2003	23...	1000	5.7	4.7	21	12.2	5	0.80	0.703	1.62	0.89	10	<0.02	0.81
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 38W)														
APR 2003	23...	1130	6.9	5.2	12	13.7	4	0.60	0.722	0.74	0.63	6	E.01	0.62
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 28 27N LONG 082 38 38W)														
APR 2003	23...	1200	0.2	8.6	213	15.3	54	17.4	2.59	9.26	14.1	57	E.01	1.00
Date		Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 34W)														
APR 2003	23...	14.7	3.0	53	<0.10	<0.04	<0.06	<0.008	<0.02	<2	<0.30	<2	23	<0.06
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 28 27N LONG 082 38 39W)														
APR 2003	23...	6.44	0.2	14	<0.10	<0.04	<0.06	<0.008	<0.02	10	<0.30	<2	19	<0.06
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 38W)														
APR 2003	23...	7.47	0.2	<10	<0.10	<0.04	<0.06	<0.008	<0.02	E1	<0.30	<2	6	<0.06
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 28 27N LONG 082 38 38W)														
APR 2003	23...	11.8	41.6	123	<0.10	<0.04	<0.06	<0.008	<0.02	19	0.36	<2	16	<0.06
Date		Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 34W)														
APR 2003	23...	<13	<0.04	<0.8	0.755	E.2	31	0.26	206	0.9	1.64	<3	<0.2	2,420
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 28 27N LONG 082 38 39W)														
APR 2003	23...	E11	<0.04	<0.8	0.273	2.0	<10	0.08	12.7	<0.3	0.54	<3	<0.2	9
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 38W)														
APR 2003	23...	<13	E.02	<0.8	0.347	E.2	<10	<0.08	16.2	<0.3	2.71	<3	<0.2	2
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 28 27N LONG 082 38 38W)														
APR 2003	23...	E9.7	<0.04	<0.8	0.120	0.3	<10	0.09	22.4	4.7	0.21	<3	<0.2	227

WATER QUALITY DATA

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MISCELLANEOUS STATION ANALYSES—Continued

Date	Alpha radio- activity water, fltrd, Th-230, pCi/L (04126)	Gross beta radioac water, fltrd, Cs-137, pCi/L (03515)	Rn-222, water, unfltrd pCi/L (82303)	Uranium natural water, fltrd, ug/L (22703)
352810082383503 BU-082 BENT CREEK RS MW-5D (BEDROCK WELL) (LAT 35 28 10N LONG 082 38 34W)				
APR 2003 23...	1.2	4.0	3,030	0.05
352827082383901 BU-083 BENT CREEK RS MW-7S (REGOLITH WELL) (LAT 35 28 27N LONG 082 38 39W)				
APR 2003 23...	0.2	1.9	810	<0.02
352827082383902 BU-084 BENT CREEK RS MW-7I (TRANSITION ZONE WELL) (LAT 35 28 27N LONG 082 38 38W)				
APR 2003 23...	0.2	1.3	750	<0.02
352827082383903 BU-085 BENT CREEK RS MW-7D (BEDROCK WELL) (LAT 35 28 27N LONG 082 38 38W)				
APR 2003 23...	2.5	10.8	90	1.60

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

MISCELLANEOUS STATION ANALYSES

Ground-water-quality data were collected for the Albemarle-Pamlico Drainage Basin study unit for the National Water Quality Assessment Program during the 2003 water year. Objectives of the study are to provide data primarily for characterizing water quality of shallow aquifers in the Coastal Plain of North Carolina and for evaluating trends in ground-water quality. Well locations for sites listed in the following tables are shown in figure 9.

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Water level, depth below MP, feet (61055)	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfiltered, uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)														
APR 2003	28...	1200	16.00	3.37	76.96	5.63	0.20	763	3.3	34	4.5	175	16.4	27
353122077334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)														
APR 2003	29...	0900	10.00	6.72	64.39	9.29	0.10	763	2.3	22	4.6	481	14.7	150
353111077334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)														
FEB 2003	13...	1345	7.0	0.52	73.38	--	--	775	2.8	24	4.3	777	8.9	170
APR 2003	11...	1425	7.0	0.04	73.38	--	--	756	0.8	8	3.5	705	12.6	160
	22...	1000	7.0	0.64	73.38	3.60	0.10	756	0.9	9	4.2	743	16.9	160
JUN 2003	05...	1405	7.0	0.31	73.38	--	--	763	0.6	5	4.4	822	13.4	150
AUG 2003	20...	1410	7.0	-0.22	73.38	--	--	772	0.7	8	4.3	671	23.2	120
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)														
APR 2003	28...	1330	40.70	3.43	76.96	6.39	0.30	763	0.2	2	5.3	83	18.7	8
353111077334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)														
APR 2003	22...	0900	18.00	0.02	73.37	1.95	0.30	756	0.2	2	4.4	90	15.5	9
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)														
APR 2003	22...	1300	22.80	15.40	61.81	16.86	0.20	756	7.3	76	4.3	160	17.7	40
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)														
APR 2003	22...	1230	36.70	17.36	62.03	19.81	0.30	756	3.7	40	4.8	184	19.0	62
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)														
APR 2003	23...	1000	46.30	4.50	47.13	6.99	0.50	763	0.1	2	6.2	224	17.5	85
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)														
APR 2003	22...	1500	8.50	4.45	47.86	5.94	0.10	756	5.8	58	4.9	275	15.5	90
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)														
APR 2003	23...	0900	23.00	4.47	47.55	5.94	0.30	763	4.5	46	4.5	212	16.7	60
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)														
APR 2003	21...	1000	56.60	24.21	73.07	26.65	0.05	760	0.7	7	7.6	305	18.8	140

MISCELLANEOUS STATION ANALYSES—Continued

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)													
APR 2003 28...	4.63	3.70	1.22	15.5	--	--	0.07	20.8	5.43	25.3	--	91	E.09
3531220773334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)													
APR 2003 29...	42.2	10.5	7.90	11.9	--	--	0.04	39.6	5.52	43.1	--	288	0.19
3531110773334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)													
FEB 2003 13...	43.2	15.9	12.7	48.7	--	--	--	110	--	21.4	--	--	0.38
APR 11...	38.9	14.6	14.1	46.0	--	--	--	96.8	--	19.8	--	--	0.90
22...	39.7	14.9	13.0	44.8	--	--	0.04	98.9	9.02	20.7	--	405	0.42
JUN 05...	36.6	13.2	12.5	42.3	--	--	--	98.4	--	18.6	--	--	0.40
AUG 20...	28.6	12.0	9.75	35.1	--	--	--	85.7	--	15.0	--	--	0.47
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)													
APR 2003 28...	2.41	0.468	2.21	4.85	5	6	0.09	11.6	17.5	9.1	57	56	<0.10
3531110773334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)													
APR 2003 22...	2.35	0.681	1.79	7.34	--	--	0.13	9.64	13.4	18.5	--	56	<0.10
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	7.26	5.39	4.04	2.18	--	--	0.03	14.8	6.50	6.1	--	81	E.07
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	13.9	6.54	4.83	2.37	--	--	0.03	16.7	6.56	16.1	--	114	0.11
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	31.7	1.44	1.69	4.71	38	47	0.04	13.2	12.0	37.4	128	145	<0.10
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 22...	27.2	5.32	6.90	4.79	1	1	0.04	22.8	3.70	8.8	167	167	E.08
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	14.6	5.79	7.17	3.44	--	--	0.06	22.5	3.55	16.0	--	116	<0.10
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	54.4	2.19	1.10	3.96	119	145	0.05	8.91	15.0	18.6	177	188	E.06

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitro- gen, water, fltrd, mg/L (00607)	Ortho- phos- phate, water, fltrd, mg/L (00660)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Total nitro- gen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)													
APR 2003 28...	--	<0.04	--	--	3.40	--	<0.008	--	--	<0.02	--	--	1.1
3531220773334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)													
APR 2003 29...	--	<0.04	--	--	<0.60	--	<0.008	--	--	<0.02	--	--	1.3
3531110773334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)													
FEB 2003 13...	--	<0.04	--	--	41.9	--	<0.008	--	0.058	0.02	0.022	42	2.3
APR 11...	0.73	0.56	164	37.0	37.0	0.056	0.017	0.34	0.058	0.02	0.024	38	--
22...	0.22	0.17	--	--	45.1	--	E.004	0.26	--	E.01	--	46	2.2
JUN 05...	0.10	0.08	169	38.2	38.2	0.046	0.014	0.32	--	--	0.025	39	2.0
AUG 20...	0.15	0.12	143	32.4	32.4	0.043	0.013	0.35	--	<0.18	0.030	33	--
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)													
APR 2003 28...	--	<0.04	--	--	0.07	--	<0.008	--	--	<0.02	--	--	E.3
3531110773334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)													
APR 2003 22...	--	<0.04	--	--	0.06	--	<0.008	--	--	<0.02	--	--	0.4
3531420773332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	--	<0.04	--	--	9.35	--	<0.008	--	0.138	0.04	--	--	0.4
3531420773332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	--	<0.04	--	--	9.26	--	<0.008	--	1.84	0.60	--	9.4	0.4
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	--	<0.04	--	--	<0.06	--	<0.008	--	0.825	0.27	--	--	0.6
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 22...	--	<0.04	--	--	19.6	--	<0.008	--	--	<0.02	--	--	0.7
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	--	<0.04	--	--	9.32	--	<0.008	--	0.110	0.04	--	--	0.5
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	--	<0.04	--	--	0.12	--	<0.008	--	--	<0.02	--	--	0.4

MISCELLANEOUS STATION ANALYSES—Continued

Date	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto- chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala- chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)													
APR 2003 28...	13	4.0	<0.006	E.004	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.007	<0.050
3531220773334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)													
APR 2003 29...	<10	160	<0.006	E.087	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.296	<0.050
3531110773334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)													
FEB 2003 13...	E5	--	--	--	--	--	--	--	--	--	--	--	--
APR 11...	20	--	--	--	--	--	--	--	--	--	--	--	--
22...	38	172	<0.006	E.004	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.033	<0.050
JUN 05...	39	--	--	--	--	--	--	--	--	--	--	--	--
AUG 20...	37	--	--	--	--	--	--	--	--	--	--	--	--
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)													
APR 2003 28...	5,690	10.9	<0.006	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	E.004	<0.050
3531110773334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)													
APR 2003 22...	1,050	22.4	<0.006	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.011	<0.050
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	18	21.0	<0.006	E.007	<0.05	<0.05	<0.006	0.21	0.13	0.141	<0.005	<0.007	<0.050
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	E6	46.6	<0.006	E.018	<0.05	<0.05	<0.006	<0.05	<0.05	0.006	<0.005	E.006	<0.050
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	853	55.7	<0.006	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	<0.007	<0.050
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 22...	<10	71.2	<0.006	E.009	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.008	<0.050
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<10	34.6	<0.006	E.005	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	E.004	<0.050
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	352	64.3	<0.006	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	<0.007	<0.050

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- enamid ESA, water, fltrd, ug/L (61951)	Dimeth- enamid OA, water, fltrd, ug/L (62482)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)													
APR 2003 28...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353122077334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)													
APR 2003 29...	<0.010	<0.002	E.005	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353111077334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)													
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
22...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 20...	--	--	--	--	--	--	--	--	--	--	--	--	--
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)													
APR 2003 28...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353111077334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)													
APR 2003 22...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 22...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05

MISCELLANEOUS STATION ANALYSES—Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide, water, fltrd, ug/L (62167)	Fipronil sulfone, water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Fonofos, water, fltrd, ug/L (04095)	Lindane, water, fltrd, ug/L (39341)	Linuron, water, fltrd 0.7u GF ug/L (82666)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)													
APR 2003 28...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353122077334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)													
APR 2003 29...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353111077334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)													
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 11... 22...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
JUN 05... AUG 20...	--	--	--	--	--	--	--	--	--	--	--	--	--
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)													
APR 2003 28...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353111077334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)													
APR 2003 22...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 22...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola- chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p-' DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)													
APR 2003 28...	<0.027	<0.006	0.14	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353122077334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)													
APR 2003 29...	<0.027	<0.006	9.15	<0.05	1.16	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353111077334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)													
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
22...	<0.027	<0.006	1.03	0.05	E.007	<0.006	<0.002	<0.007	0.004	<0.010	<0.004	<0.022	<0.011
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 20...	--	--	--	--	--	--	--	--	--	--	--	--	--
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)													
APR 2003 28...	<0.027	<0.006	<0.05	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353111077334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)													
APR 2003 22...	<0.027	<0.006	<0.05	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	<0.027	<0.006	1.36	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)													
APR 2003 22...	<0.027	<0.006	0.83	<0.05	E.004	<0.006	<0.002	<0.020	<0.003	<0.010	<0.004	<0.022	<0.011
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<0.027	<0.006	<0.05	<0.05	<0.013	<0.006	<0.002	<0.015	<0.003	<0.010	<0.004	<0.022	<0.011
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 22...	<0.027	<0.006	2.69	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)													
APR 2003 23...	<0.027	<0.006	<0.05	<0.05	E.003	<0.006	<0.002	<0.020	<0.003	<0.010	<0.004	<0.022	<0.011
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	<0.027	<0.006	<0.05	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011

MISCELLANEOUS STATION ANALYSES—Continued

Date	Prometon, water, fltrd, ug/L (04037)	Pronamide, water, fltrd, ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd, ug/L (82679)	Propargite, water, fltrd, ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd, ug/L (82670)	Terbacil, water, fltrd, ug/L (82665)	Terbufos, water, fltrd, ug/L (82675)	Thio-bencarb water fltrd, ug/L (82681)	Tri-allate, water, fltrd, ug/L (82678)	Tri-fluralin, water, fltrd, ug/L (82661)
353103077333401 GR-082 L2 LIZZIE N26q2 (SURFICIAL) (LAT 35 31 03N LONG 077 33 33W)												
APR 2003 28...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
3531220773334901 GR-083 L4 LIZZIE N26q4 (LAT 35 31 21N LONG 077 33 49W)												
APR 2003 29...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
3531110773334402 GR-085 L6 LIZZIE N26q6 (LAT 35 31 11N LONG 077 33 44W)												
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--
APR 11...	--	--	--	--	--	--	--	--	--	--	--	--
APR 22...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 20...	--	--	--	--	--	--	--	--	--	--	--	--
353103077333403 GR-090 L3 (LAT 35 31 02N LONG 077 33 33W)												
APR 2003 28...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
3531110773334404 GR-094 L6D (LAT 35 31 11N LONG 077 33 44W)												
APR 2003 22...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353142077332702 GR-097 L8S (LAT 35 31 42N LONG 077 33 26W)												
APR 2003 22...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353142077332703 GR-098 L8D (LAT 35 31 42N LONG 077 33 26W)												
APR 2003 22...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353148077332101 GR-100 L10 (LAT 35 31 48N LONG 077 33 21W)												
APR 2003 23...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353148077332103 GR-102 L11S (LAT 35 31 48N LONG 077 33 21W)												
APR 2003 22...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353148077332102 GR-103 L11D (LAT 35 31 48N LONG 077 33 21W)												
APR 2003 23...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353127077333701 GR-106 L14 (LAT 35 31 26N LONG 077 33 36W)												
APR 2003 21...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Water level, depth below MP, feet (61055)	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfiltered 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)														
APR 2003	21...	1130	21.50	3.55	72.95	5.95	0.10	760	1.2	12	4.1	380	15.3	120
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)														
FEB 2003	13...	1845	23	3.99	73.59	--	--	775	2.3	23	5.2	228	16.2	76
APR	10...	1235	23	2.10	73.59	--	--	759	1.1	11	6.0	244	15.3	81
	21...	1400	23	4.10	73.59	5.46	0.10	760	0.6	6	5.2	222	15.9	77
JUN	05...	1305	23	3.73	73.59	--	--	763	0.6	6	5.7	246	11.2	70
AUG	21...	1520	23	3.47	73.59	--	--	769	1.8	19	5.5	250	17.8	80
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)														
APR 2003	29...	1130	26.50	9.42	72.69	10.85	0.05	763	2.6	27	5.4	165	17.8	45
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)														
APR 2003	09...	1820	7.8	0.51	79.00	--	--	766	11.0	102	4.5	1,320	12.5	380
	30...	0830	7.8	2.81	79.00	4.68	0.10	763	6.7	67	4.2	1,210	15.8	360
JUN	05...	0945	7.8	1.98	79.00	--	--	763	7.0	75	4.3	1,200	18.5	300
AUG	21...	1825	7.8	1.58	79.00	--	--	757	3.8	45	4.2	1,180	23.9	320
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)														
APR 2003	09...	1740	14.6	0.13	78.97	--	--	766	0.8	8	4.6	361	12.7	92
	29...	1330	14.6	2.76	78.97	4.83	0.30	763	0.6	6	4.3	363	16.4	94
JUN	05...	1040	14.6	1.97	78.97	--	--	763	0.5	6	4.6	388	16.4	98
AUG	21...	1755	14.6	1.61	78.97	--	--	757	0.8	9	4.5	432	18.0	100
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)														
APR 2003	10...	0930	14.2	1.46	73.31	--	--	760	4.8	46	4.3	179	13.2	35
	30...	1100	14.2	3.40	73.31	5.87	0.05	762	5.0	54	4.5	138	17.6	30
JUN	03...	1230	14.2	3.03	73.31	--	--	765	0.9	10	4.8	154	16.6	27
AUG	21...	1950	14.2	2.90	73.31	--	--	768	0.5	6	5.0	131	20.2	23
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)														
APR 2003	17...	1330	3.50	--	45	--	0.10	762	0.1	1	5.8	140	14.8	33

MISCELLANEOUS STATION ANALYSES—Continued

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	27.9	12.3	5.39	5.20	--	--	0.05	33.9	6.12	13.1	--	214	0.19
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)													
FEB 2003 13...	21.2	5.62	1.70	4.86	--	--	--	25.3	--	43.0	119	--	E.08
APR 10...	22.0	6.21	1.81	5.25	--	--	--	28.5	--	43.3	127	--	0.10
21...	21.4	5.80	1.73	5.07	5	7	0.07	24.7	10.6	47.7	136	126	E.06
JUN 05...	19.8	5.00	1.74	4.64	--	--	--	23.4	--	48.7	112	--	<0.10
AUG 21...	22.7	5.67	2.09	5.66	--	--	--	31.6	--	42.5	127	--	E.05
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)													
APR 2003 29...	15.8	1.34	2.26	8.16	7	9	0.05	12.6	8.81	36.0	97	101	E.07
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09...	105	27.8	26.1	55.3	--	--	--	125	--	64.7	--	--	0.45
30...	99.5	27.0	20.1	51.1	--	--	0.10	122	7.20	60.6	--	746	0.38
JUN 05...	83.9	23.1	23.5	46.6	--	--	--	127	--	57.2	--	--	0.41
AUG 21...	90.2	22.8	19.8	40.6	--	--	--	119	--	53.3	--	--	0.52
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09...	26.4	6.46	2.50	16.4	--	--	--	50.0	--	9.4	--	--	0.11
29...	26.7	6.68	2.52	17.3	--	--	0.11	53.2	14.7	9.7	--	218	0.12
JUN 05...	27.6	6.94	2.78	17.2	--	--	--	53.4	--	10.2	--	--	0.15
AUG 21...	28.3	7.51	3.32	18.0	--	--	--	56.1	--	12.2	--	--	0.13
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)													
APR 2003 10...	6.90	4.28	2.28	9.51	--	--	--	24.9	--	8.5	--	--	E.07
30...	6.14	3.59	2.12	7.89	--	--	0.08	21.9	12.8	8.9	--	85	<0.10
JUN 03...	5.82	3.14	2.17	7.48	--	--	--	21.5	--	11.0	--	--	<0.10
AUG 21...	5.23	2.48	2.17	7.43	--	--	--	21.1	--	10.9	--	--	<0.10
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)													
APR 2003 17...	10.3	1.75	2.09	4.86	33	40	0.31	20.6	4.94	1.7	78	110	2.9

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitro- gen, water, fltrd, mg/L (00607)	Ortho- phos- phate, water, fltrd, mg/L (00660)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Total nitro- gen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	--	<0.04	--	--	26.6	--	<0.008	--	--	<0.02	--	27	1.5
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)													
FEB 2003 13...	--	<0.04	--	--	3.45	--	E.007	--	--	<0.02	0.006	--	0.4
APR 10...	--	<0.04	18.4	4.17	4.17	0.030	0.009	--	--	<0.04	0.010	4.3	--
21...	--	<0.04	--	--	3.26	--	E.006	--	0.172	0.06	--	--	0.5
JUN 05...	--	<0.04	--	--	1.49	--	E.005	--	--	--	0.009	--	E.3
AUG 21...	--	<0.04	--	--	3.30	--	E.006	--	--	<0.18	0.007	--	--
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)													
APR 2003 29...	--	<0.04	--	--	1.49	--	<0.008	--	0.371	0.12	--	--	0.6
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09...	0.08	0.06	394	89.1	89.1	0.026	0.008	0.39	--	<0.04	0.007	90	2.6
30...	--	<0.04	--	--	90.5	--	<0.008	--	--	<0.02	--	91	2.5
JUN 05...	--	E.02	--	--	96.3	--	<0.008	--	--	--	E.003	97	2.6
AUG 21...	--	<0.04	--	--	80.5	--	<0.008	--	--	<0.18	0.004	81	--
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09...	0.05	0.04	--	--	16.2	--	E.007	0.07	--	<0.04	E.003	16	0.7
29...	--	E.04	--	--	19.8	--	<0.008	--	--	<0.02	--	20	0.7
JUN 05...	--	E.02	--	--	19.1	--	E.005	--	--	--	<0.004	19	0.7
AUG 21...	--	<0.04	--	--	19.9	--	<0.008	--	--	<0.18	<0.004	20	--
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)													
APR 2003 10...	--	<0.04	--	--	7.18	--	E.006	--	--	<0.04	<0.004	--	0.4
30...	--	<0.04	22.1	4.99	5.01	0.066	0.020	--	--	<0.02	--	--	0.5
JUN 03...	--	<0.04	--	--	3.65	--	E.004	--	--	--	<0.004	--	E.3
AUG 21...	--	<0.04	--	--	2.60	--	<0.008	--	--	<0.18	<0.004	--	--
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)													
APR 2003 17...	2.80	2.17	--	--	<0.06	--	<0.008	0.73	1.73	0.56	--	--	17.3

MISCELLANEOUS STATION ANALYSES—Continued

Date	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto- chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala- chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	21	39.4	E.001	E.022	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.049	<0.050
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)													
FEB 2003 13...	63	--	--	--	--	--	--	--	--	--	--	--	--
APR 10...	43	--	--	--	--	--	--	--	--	--	--	--	--
21...	21	135	<0.006	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	<0.007	<0.050
JUN 05...	28	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	19	--	--	--	--	--	--	--	--	--	--	--	--
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)													
APR 2003 29...	E7	102	<0.006	E.008	<0.05	<0.05	<0.006	0.18	<0.05	<0.004	<0.005	E.004	<0.050
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09...	100	--	--	--	--	--	--	--	--	--	--	--	--
30...	52	73.5	<0.006	E.023	<0.05	<0.05	<0.006	0.14	<0.05	<0.004	<0.005	0.166	<0.050
JUN 05...	40	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	41	--	--	--	--	--	--	--	--	--	--	--	--
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09...	112	--	--	--	--	--	--	--	--	--	--	--	--
29...	102	76.8	<0.006	E.004	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	0.025	<0.050
JUN 05...	119	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	211	--	--	--	--	--	--	--	--	--	--	--	--
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)													
APR 2003 10...	93	--	--	--	--	--	--	--	--	--	--	--	--
30...	169	44.7	<0.006	E.003	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.005	<0.007	<0.050
JUN 03...	225	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	217	--	--	--	--	--	--	--	--	--	--	--	--
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)													
APR 2003 17...	7,170	48.2	<0.006	<0.006	<0.05	<0.05	<0.006	0.07	<0.05	<0.004	<0.005	E.003	<0.050

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ben- flur- alin, water, fltrd 0.7u GF (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF (82680)	Carbo- furan, water, fltrd 0.7u GF (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- enamid ESA, water, fltrd, ug/L (61951)	Dimeth- enamid OA, water, fltrd, ug/L (62482)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)													
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 10... 21...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)													
APR 2003 29...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09... 30...	-- <0.010	-- <0.002	-- <0.041	-- <0.020	-- <0.005	-- <0.006	-- <0.018	-- <0.003	-- <0.004	-- <0.005	-- <0.005	-- <0.05	-- <0.05
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09... 29...	-- <0.010	-- <0.002	-- <0.041	-- <0.020	-- <0.005	-- <0.006	-- <0.018	-- <0.003	-- <0.004	-- <0.005	-- <0.005	-- <0.05	-- <0.05
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)													
APR 2003 10... 30...	-- <0.010	-- <0.002	-- <0.041	-- <0.020	-- <0.005	-- <0.006	-- <0.018	-- <0.003	-- <0.004	-- <0.005	-- <0.005	-- <0.05	-- <0.05
JUN 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)													
APR 2003 17...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05

MISCELLANEOUS STATION ANALYSES—Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)													
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 10... 21...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)													
APR 2003 29...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09... 30...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09... 29...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)													
APR 2003 10... 30...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035
JUN 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)													
APR 2003 17...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd, 0.7u GF ug/L (82667)	Metolachlor ESA, water, fltrd, 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd, 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd, 0.7u GF ug/L (82671)	Napropamide, water, fltrd, 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd, 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd, 0.7u GF ug/L (82683)	Phorate water fltrd, 0.7u GF ug/L (82664)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)													
APR 2003 21...	<0.027	<0.006	2.35	0.24	E.006	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)													
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 10... 21...	<0.027	<0.006	<0.05	<0.05	<0.013	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)													
APR 2003 29...	<0.027	<0.006	<0.05	<0.05	E.002	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09... 30...	-- <0.027	-- <0.006	-- 17.2	-- 4.52	-- 0.019	-- <0.006	-- <0.002	-- <0.007	-- <0.010	-- <0.010	-- <0.004	-- <0.022	-- <0.011
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)													
APR 2003 09... 29...	-- <0.027	-- <0.006	-- 0.68	-- 0.06	-- E.011	-- <0.006	-- <0.002	-- <0.007	-- <0.003	-- <0.010	-- <0.004	-- <0.022	-- <0.011
JUN 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)													
APR 2003 10... 30...	-- <0.027	-- <0.006	-- <0.05	-- <0.05	-- E.008	-- <0.006	-- <0.002	-- <0.007	-- <0.003	-- <0.010	-- <0.004	-- <0.022	-- <0.011
JUN 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)													
APR 2003 17...	<0.027	<0.006	1.93	0.32	E.003	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011

MISCELLANEOUS STATION ANALYSES—Continued

Date	Prometon, water, fltrd, ug/L (04037)	Pronamide, water, fltrd, ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd, ug/L (82679)	Propargite, water, fltrd, ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd, ug/L (82670)	Terbacil, water, fltrd, ug/L (82665)	Terbufos, water, fltrd, ug/L (82675)	Thio-bencarb water fltrd, ug/L (82681)	Tri-allate, water, fltrd, ug/L (82678)	Tri-fluralin, water, fltrd, ug/L (82661)
353127077333702 GR-107 L15 LIZZIE (LAT 35 31 26N LONG 077 33 36W)												
APR 2003 21...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
353127077333704 GR-109 L15D (LAT 35 31 26N LONG 077 33 36W)												
FEB 2003 13...	--	--	--	--	--	--	--	--	--	--	--	--
APR 2003 10... 21...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
JUN 2003 05...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 2003 21...	--	--	--	--	--	--	--	--	--	--	--	--
353135077332704 GR-113 L18D (LAT 35 31 35N LONG 077 33 27W)												
APR 2003 29...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	E.006	<0.02	<0.005	<0.002	<0.009
353114077333101 GR-168 LWQ70S (LAT 35 31 13N LONG 077 33 31W)												
APR 2003 09... 30...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
JUN 2003 05...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 2003 21...	--	--	--	--	--	--	--	--	--	--	--	--
353114077333102 GR-169 LWQ70D (LAT 35 31 13N LONG 077 33 31W)												
APR 2003 09... 29...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
JUN 2003 05...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 2003 21...	--	--	--	--	--	--	--	--	--	--	--	--
353126077332102 GR-171 LWQ71D (LAT 35 31 25N LONG 077 33 21W)												
APR 2003 10... 30...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009
JUN 2003 03...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 2003 21...	--	--	--	--	--	--	--	--	--	--	--	--
353153077333206 GR-153 BW-SR-BANK 3.5 PIEZOMETER NR SANDY RUN (LAT 35 31 53N LONG 077 33 32W)												
APR 2003 17...	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Depth of well, feet below LSD (72008)	Flow rate, instantaneous gal/min (00059)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	1030	3.00	0.10	762	0.7	6	5.4	242	14.7	50	14.7	3.16	5.04
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	1145	5.50	0.10	762	2.8	29	4.5	212	16.4	53	9.96	6.85	3.75
Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Bromide, water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	10.2	21	26	0.04	39.0	9.19	23.3	131	132	1.5	1.59	1.23	0.17
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	8.30	--	--	0.04	25.7	6.20	12.5	--	116	0.20	--	<0.04	8.94
Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	2,6-Diethyl-aniline water, fltrd, 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto-chlor ESA, water, fltrd, 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd, 0.7u GF ug/L (61030)	Aceto-chlor, water, fltrd, ug/L (49260)	
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	E.004	0.26	0.080	0.03	1.7	5.2	10,800	39.4	<0.006	<0.006	<0.05	<0.05	<0.006
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	<0.008	--	--	<0.02	9.1	1.8	<10	47.6	<0.006	E.005	<0.05	<0.05	<0.006
Date	Ala-chlor ESA, water, fltrd, 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd, 0.7u GF ug/L (61031)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl, water, fltrd, 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd, 0.7u GF ug/L (82673)	Butyl-ate, water, fltrd, ug/L (04028)	Car-baryl, water, fltrd, 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd, 0.7u GF ug/L (82674)	Chlor-pyri-fos water, fltrd, ug/L (38933)	cis-Per-methrin water, fltrd, 0.7u GF ug/L (82687)	Cyana-zine, water, fltrd, ug/L (04041)	
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	--	<0.05	<0.004	<0.005	0.042	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)														
APR 2003	17...	<0.05	<0.05	<0.004	<0.005	0.011	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018

MISCELLANEOUS STATION ANALYSES—Continued

Date	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dieldrin, water, fltrd, ug/L (39381)	Dimeth- enamid ESA, water, fltrd, ug/L (61951)	Dimeth- enamid OA, water, fltrd, ug/L (62482)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipronil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...	<0.003	<0.004	<0.005	<0.005	<0.05	<0.05	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005
Date	Fipro- nil, water, fltrd, ug/L (62166)	Flufen- acet ESA, water, fltrd, ug/L (61952)	Flufe- nacet OA, water, fltrd, ug/L (62483)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035	<0.027	<0.006	E.007	<0.006	<0.002	<0.007	<0.003
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...	<0.007	<0.05	<0.05	<0.003	<0.004	<0.035	<0.027	<0.006	E.007	<0.006	<0.002	<0.007	<0.003
Date	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Pron- amide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005	<0.02	<0.034	<0.02
Date						Thio- bencarb water fltrd 0.7u GF ug/L (82681)		Tri- allate, water, fltrd 0.7u GF ug/L (82678)			Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)		
353104077334307 GR-155 STREAMBED UT 3.0 AT LIZZIE (PIEZOMETER) (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...				<0.005				<0.002		<0.009			
353104077334309 GR-157 SANDY R FIELD PIEZOMETER NR WELL GR-085 (LAT 35 31 04N LONG 077 33 43W)													
APR 2003 17...				<0.005				<0.002		<0.009			

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES

Ground-water-quality data were collected in Iredell County during the 2003 water year for the ongoing Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for sites listed in the following table are shown in figure 8.

Date	Time	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., mg/L as CaCO3 (00419)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)
353141080524702 IR-146 LANGTREE RS MW-1I (TRANSITION ZONE WELL) (LAT 35 31 40N LONG 080 52 46W)													
MAR 2003 04...	0945	5.0	6.8	84	15.5	28	5.27	3.58	1.51	3.53	27	0.02	0.90
353141080524703 IR-147 LANGTREE RS MW-1D (BEDROCK WELL) (LAT 35 31 40N LONG 080 52 46W)													
MAR 2003 03...	1200	2.0	7.5	168	17.4	68	23.1	2.57	2.43	6.42	64	0.02	1.70
353157080525301 IR-148 LANGTREE RS MW-3 (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)													
MAR 2003 05...	1100	6.3	6.0	85	17.8	4	0.94	0.478	0.70	15.7	26	E.02	3.12
353157080525302 IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)													
MAR 2003 04...	1530	10.8	6.2	76	16.6	33	6.77	3.89	0.93	2.39	38	E.01	2.57
353145080524703 IR-153 LANGTREE RS MW-4D (BEDROCK WELL) (LAT 35 31 45N LONG 080 52 47W)													
MAR 2003 03...	1430	7.8	7.0	199	16.5	91	33.5	1.65	1.79	8.18	40	0.02	2.81
353148080524702 IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 46W)													
MAR 2003 03...	1530	6.3	7.1	274	16.1	26	7.17	1.94	2.41	2.79	29	E.01	2.31
353151080524601 IR-157 LANGTREE RS MW-6S (REGOLITH WELL) (LAT 35 31 51N LONG 080 52 45W)													
MAR 2003 05...	0945	4.5	6.0	30	14.6	8	1.83	0.868	0.60	1.23	6	E.01	1.99
353151080524604 IR-160 LANGTREE RS MW-6I B (TRANSITION ZONE WELL) (LAT 35 31 51N LONG 080 52 45W)													
MAR 2003 05...	1115	6.9	6.2	44	15.9	15	3.76	1.48	0.60	1.84	16	0.02	1.68

MISCELLANEOUS STATION ANALYSES—Continued

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)
	353141080524702 IR-146 LANGTREE RS MW-1I (TRANSITION ZONE WELL) (LAT 35 31 40N LONG 080 52 46W)												
MAR 2003 04...	28.7	1.0	66	<0.10	<0.04	1.09	<0.008	0.02	<2	<0.30	<2	6	<0.06
	353141080524703 IR-147 LANGTREE RS MW-1D (BEDROCK WELL) (LAT 35 31 40N LONG 080 52 46W)												
MAR 2003 03...	33.1	22.8	127	<0.10	<0.04	0.24	<0.008	0.03	4	<0.30	E1	9	<0.06
	353157080525301 IR-148 LANGTREE RS MW-3 (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)												
MAR 2003 05...	7.92	8.5	59	<0.10	<0.04	<0.06	<0.008	<0.02	12	E.20	<2	6	<0.06
	353157080525302 IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)												
MAR 2003 04...	25.0	1.3	67	<0.10	<0.04	0.14	<0.008	E.01	<2	<0.30	<2	24	<0.06
	353145080524703 IR-153 LANGTREE RS MW-4D (BEDROCK WELL) (LAT 35 31 45N LONG 080 52 47W)												
MAR 2003 03...	26.6	65.5	170	<0.10	<0.04	0.71	<0.008	E.01	E1	<0.30	<2	13	<0.06
	353148080524702 IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 46W)												
MAR 2003 03...	22.8	1.4	71	<0.10	<0.04	1.17	<0.008	<0.02	5	<0.30	<2	8	<0.06
	353151080524601 IR-157 LANGTREE RS MW-6S (REGOLITH WELL) (LAT 35 31 51N LONG 080 52 45W)												
MAR 2003 05...	8.40	0.7	26	<0.10	<0.04	0.13	<0.008	<0.02	5	<0.30	<2	6	<0.06
	353151080524604 IR-160 LANGTREE RS MW-6I B (TRANSITION ZONE WELL) (LAT 35 31 51N LONG 080 52 45W)												
MAR 2003 05...	16.4	0.6	42	<0.10	<0.04	0.52	<0.008	<0.02	M	<0.30	<2	3	<0.06

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Boron, water, flt'd, ug/L (01020)	Cadmium water, flt'd, ug/L (01025)	Chrom- ium, water, flt'd, ug/L (01030)	Cobalt water, flt'd, ug/L (01035)	Copper, water, flt'd, ug/L (01040)	Iron, water, flt'd, ug/L (01046)	Lead, water, flt'd, ug/L (01049)	Mangan- ese, water, flt'd, ug/L (01056)	Molyb- denum, water, flt'd, ug/L (01060)	Nickel, water, flt'd, ug/L (01065)	Selen- ium, water, flt'd, ug/L (01145)	Silver, water, flt'd, ug/L (01075)	Zinc, water, flt'd, ug/L (01090)
	353141080524702 IR-146 LANGTREE RS MW-1I (TRANSITION ZONE WELL) (LAT 35 31 40N LONG 080 52 46W)												
MAR 2003 04...	<13	E.03	1.4	0.025	1.0	<10	0.71	1.4	E.2	0.42	<3	<0.2	7
	353141080524703 IR-147 LANGTREE RS MW-1D (BEDROCK WELL) (LAT 35 31 40N LONG 080 52 46W)												
MAR 2003 03...	15	0.06	<0.8	0.081	0.5	<10	<0.08	0.8	18.4	1.03	4	<0.2	1
	353157080525301 IR-148 LANGTREE RS MW-3 (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)												
MAR 2003 05...	<13	E.02	<0.8	0.118	0.6	<10	<0.08	6.6	E.3	0.38	<3	<0.2	2
	353157080525302 IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)												
MAR 2003 04...	<13	<0.04	3.5	0.058	E.2	<10	<0.08	4.6	E.2	1.44	<3	<0.2	3
	353145080524703 IR-153 LANGTREE RS MW-4D (BEDROCK WELL) (LAT 35 31 45N LONG 080 52 47W)												
MAR 2003 03...	25	0.05	<0.8	0.132	1.4	<10	0.21	5.5	8.4	1.91	4	<0.2	2
	353148080524702 IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 46W)												
MAR 2003 03...	<13	<0.04	<0.8	0.071	0.6	E8	<0.08	16.8	0.5	0.45	<3	<0.2	<1
	353151080524601 IR-157 LANGTREE RS MW-6S (REGOLITH WELL) (LAT 35 31 51N LONG 080 52 45W)												
MAR 2003 05...	<13	0.10	<0.8	0.088	<0.2	<10	<0.08	10.4	<0.3	0.26	<3	<0.2	2
	353151080524604 IR-160 LANGTREE RS MW-6I B (TRANSITION ZONE WELL) (LAT 35 31 51N LONG 080 52 45W)												
MAR 2003 05...	<13	<0.04	<0.8	0.049	1.0	<10	<0.08	4.5	0.9	0.25	<3	<0.2	<1

MISCELLANEOUS STATION ANALYSES—Continued

Date	Alpha radio- activity water, fltrd, Th-230, pCi/L (04126)	Gross beta radioac water, fltrd, Cs-137, pCi/L (03515)	Rn-222, water, unfltrd pCi/L (82303)	Uranium natural water, fltrd, ug/L (22703)
353141080524702	IR-146 LANGTREE RS MW-1I (TRANSITION ZONE WELL) (LAT 35 31 40N LONG 080 52 46W)			
MAR 2003 04...	0.1	1.9	260	<0.02
353141080524703	IR-147 LANGTREE RS MW-1D (BEDROCK WELL) (LAT 35 31 40N LONG 080 52 46W)			
MAR 2003 03...	3.8	4.9	220	5.05
353157080525301	IR-148 LANGTREE RS MW-3 (REGOLITH WELL) (LAT 35 31 57N LONG 080 52 53W)			
MAR 2003 05...	0.1	0.4	80	0.04
353157080525302	IR-149 LANGTREE RS MW-3I (TRANSITION ZONE WELL) (LAT 35 31 57N LONG 080 52 53W)			
MAR 2003 04...	-0.1	1.2	180	E.01
353145080524703	IR-153 LANGTREE RS MW-4D (BEDROCK WELL) (LAT 35 31 45N LONG 080 52 47W)			
MAR 2003 03...	0.6	3.0	70	1.93
353148080524702	IR-155 LANGTREE RS MW-5I (TRANSITION ZONE WELL) (LAT 35 31 48N LONG 080 52 46W)			
MAR 2003 03...	M	2.1	20	0.03
353151080524601	IR-157 LANGTREE RS MW-6S (REGOLITH WELL) (LAT 35 31 51N LONG 080 52 45W)			
MAR 2003 05...	M	0.9	330	<0.02
353151080524604	IR-160 LANGTREE RS MW-6I B (TRANSITION ZONE WELL) (LAT 35 31 51N LONG 080 52 45W)			
MAR 2003 05...	0.1	0.4	270	<0.02

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES

Ground-water-quality data were collected in Rockingham County during December 2003 for the ongoing Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for sites listed in the following table are shown in figure 9.

Date	Time	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, unfltrd mg/L (00915)	Magnes- ium, water, unfltrd, mg/L (00925)	Potas- sium, water, unfltrd, mg/L (00935)	Sodium, water, unfltrd, mg/L (00930)	Bromide water, unfltrd, mg/L (71870)	Chlor- ide, water, unfltrd, mg/L (00940)	Silica, water, unfltrd, mg/L (00955)	
362334079421601 RK-227 UPPER PIEDMONT RS MW-NIS (LAT 36 23 34N LONG 079 42 17W)														
DEC 2002	11...	1500	4.0	5.9	150	15.1	55	12.2	6.10	1.45	4.39	E.01	2.73	34.9
362334079421602 RK-228 UPPER PIEDMONT RS MW-N1I (LAT 36 23 34N LONG 079 42 16W)														
DEC 2002	12...	1230	2.2	6.7	416	14.8	69	14.7	7.88	1.67	65.9	0.04	8.38	21.2
362334079421603 RK-229 UPPER PIEDMONT RS MW-N1D (LAT 36 23 34N LONG 079 42 16W)														
DEC 2002	11...	1445	0.2	7.8	238	15.4	85	26.0	4.86	0.72	18.5	0.02	3.09	18.7
362331079421601 RK-230 UPPER PIEDMONT RS MW-N2S (LAT 36 23 31N LONG 079 42 16W)														
DEC 2002	12...	1115	6.2	5.5	120	11.0	29	6.70	2.87	3.70	6.32	0.07	6.12	23.7
362331079421602 RK-231 UPPER PIEDMONT RS MW-N2I (LAT 36 23 32N LONG 079 42 16W)														
DEC 2002	12...	1030	0.3	6.3	192	13.9	81	20.4	7.30	1.75	6.76	0.02	5.35	29.1
362331079421603 RK-232 UPPER PIEDMONT RS MW-N2D (LAT 36 23 31N LONG 079 42 16W)														
DEC 2002	11...	1615	0.2	7.1	281	14.8	110	32.0	7.15	2.23	9.31	0.02	3.86	26.6
362328079421702 RK-234 UPPER PIEDMONT RS MW-N3D (LAT 36 23 28N LONG 079 42 17W)														
DEC 2002	12...	1515	0.2	7.7	192	14.9	75	21.0	5.52	2.19	9.50	0.03	4.18	25.9
362323079421201 RK-235 UPPER PIEDMONT RS MW-N4I (LAT 36 23 23N LONG 079 42 12W)														
DEC 2002	09...	1115	2.2	6.4	183	15.6	48	13.4	3.59	3.94	11.4	0.06	11.4	33.8
362323079421202 RK-236 UPPER PIEDMONT RS MW-N4D (LAT 36 23 23N LONG 079 42 12W)														
DEC 2002	09...	1100	3.4	6.4	194	14.6	41	7.11	5.64	0.84	13.9	0.08	10.8	41.0
362240079411801 RK-237 UPPER PIEDMONT RS MW-S1I (LAT 36 22 40N LONG 079 41 18W)														
DEC 2002	10...	0900	6.6	6.9	191	9.8	45	10.2	4.64	1.68	14.5	0.03	9.46	32.1
362240079411802 RK-238 UPPER PIEDMONT RS MW-S1D (LAT 36 22 40N LONG 079 41 18W)														
DEC 2002	09...	1545	0.1	7.8	299	15.7	110	31.2	7.84	6.11	14.3	0.06	21.9	28.5
362231079410801 RK-239 UPPER PIEDMONT RS MW-S3S (LAT 36 22 31N LONG 079 41 08W)														
DEC 2002	10...	1345	7.2	6.0	124	15.2	18	4.68	1.64	1.93	14.4	0.02	5.94	37.8
362231079410802 RK-240 UPPER PIEDMONT RS MW-S3UI (LAT 36 22 31N LONG 079 41 08W)														
DEC 2002	10...	1245	--	6.4	142	13.5	27	6.93	2.29	1.65	15.0	0.03	6.09	41.0

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES—Continued

Date	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Alpha radio- activity water, fltrd, Th-230, pCi/L (04126)
	362334079421601 RK-227 UPPER PIEDMONT RS MW-NIS (LAT 36 23 34N LONG 079 42 17W)												
DEC 2002 11...	<0.04	1.0	1.34	0.4	<10	<0.08	87.5	<0.3	1.67	<3	<0.2	3	M
	362334079421602 RK-228 UPPER PIEDMONT RS MW-N1I (LAT 36 23 34N LONG 079 42 16W)												
DEC 2002 12...	0.06	<0.8	0.082	0.5	<10	0.10	49.8	4.3	1.34	<3	<0.2	18	1.1
	362334079421603 RK-229 UPPER PIEDMONT RS MW-N1D (LAT 36 23 34N LONG 079 42 16W)												
DEC 2002 11...	<0.04	<0.8	0.056	E.2	<10	<0.08	8.9	3.0	0.62	<3	<0.2	14	10.0
	362331079421601 RK-230 UPPER PIEDMONT RS MW-N2S (LAT 36 23 31N LONG 079 42 16W)												
DEC 2002 12...	0.10	<0.8	2.54	E.2	4,970	<0.08	631	0.4	2.86	<3	<0.2	8	1.1
	362331079421602 RK-231 UPPER PIEDMONT RS MW-N2I (LAT 36 23 32N LONG 079 42 16W)												
DEC 2002 12...	<0.04	<0.8	0.044	<0.2	<10	<0.08	2.1	0.8	1.13	<3	<0.2	M	0.3
	362331079421603 RK-232 UPPER PIEDMONT RS MW-N2D (LAT 36 23 31N LONG 079 42 16W)												
DEC 2002 11...	<0.04	<0.8	0.353	0.3	65	0.11	360	1.9	1.17	<3	<0.2	7,490	-0.3
	362328079421702 RK-234 UPPER PIEDMONT RS MW-N3D (LAT 36 23 28N LONG 079 42 17W)												
DEC 2002 12...	E.03	<0.8	0.114	E.1	<10	E.05	153	10.2	1.25	<3	<0.2	M	10.2
	362323079421201 RK-235 UPPER PIEDMONT RS MW-N4I (LAT 36 23 23N LONG 079 42 12W)												
DEC 2002 09...	E.03	<1.6	2.19	0.4	667	0.11	2,480	7.7	7.77	<3	<0.2	6	1.4
	362323079421202 RK-236 UPPER PIEDMONT RS MW-N4D (LAT 36 23 23N LONG 079 42 12W)												
DEC 2002 09...	0.04	<0.8	0.098	0.8	<10	0.71	16.2	1.0	1.03	<3	<0.2	12,900	0.8
	362240079411801 RK-237 UPPER PIEDMONT RS MW-S1I (LAT 36 22 40N LONG 079 41 18W)												
DEC 2002 10...	0.18	0.9	0.376	E.2	46	<0.08	128	1.7	6.57	<3	<0.2	33	1.3
	362240079411802 RK-238 UPPER PIEDMONT RS MW-S1D (LAT 36 22 40N LONG 079 41 18W)												
DEC 2002 09...	E.03	<0.8	0.105	0.2	E8	E.07	117	7.7	1.23	<3	<0.2	843	5.8
	362231079410801 RK-239 UPPER PIEDMONT RS MW-S3S (LAT 36 22 31N LONG 079 41 08W)												
DEC 2002 10...	0.04	1.5	0.028	<0.2	<10	<0.08	33.2	<0.3	1.14	<3	<0.2	4	0.3
	362231079410802 RK-240 UPPER PIEDMONT RS MW-S3UI (LAT 36 22 31N LONG 079 41 08W)												
DEC 2002 10...	<0.04	3.5	0.075	<0.2	<10	<0.08	14.9	<0.3	1.31	<3	<0.2	2	0.9

WATER QUALITY DATA

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MISCELLANEOUS STATION ANALYSES—Continued

Date	Gross beta radioac water, fltrd, Cs-137, pCi/L (03515)	Rn-222, water, unfltrd pCi/L (82303)	Uranium natural water, fltrd, ug/L (22703)
362334079421601 RK-227 UPPER PIEDMONT RS MW-NIS (LAT 36 23 34N LONG 079 42 17W)			
DEC 2002 11...	1.8	170	<0.02
362334079421602 RK-228 UPPER PIEDMONT RS MW-N1I (LAT 36 23 34N LONG 079 42 16W)			
DEC 2002 12...	2.2	260	0.82
362334079421603 RK-229 UPPER PIEDMONT RS MW-N1D (LAT 36 23 34N LONG 079 42 16W)			
DEC 2002 11...	4.2	3,390	3.73
362331079421601 RK-230 UPPER PIEDMONT RS MW-N2S (LAT 36 23 31N LONG 079 42 16W)			
DEC 2002 12...	5.2	760	0.03
362331079421602 RK-231 UPPER PIEDMONT RS MW-N2I (LAT 36 23 32N LONG 079 42 16W)			
DEC 2002 12...	3.5	3,120	0.35
362331079421603 RK-232 UPPER PIEDMONT RS MW-N2D (LAT 36 23 31N LONG 079 42 16W)			
DEC 2002 11...	3.2	970	0.38
362328079421702 RK-234 UPPER PIEDMONT RS MW-N3D (LAT 36 23 28N LONG 079 42 17W)			
DEC 2002 12...	7.8	--	4.29
362323079421201 RK-235 UPPER PIEDMONT RS MW-N4I (LAT 36 23 23N LONG 079 42 12W)			
DEC 2002 09...	5.8	2,530	0.61
362323079421202 RK-236 UPPER PIEDMONT RS MW-N4D (LAT 36 23 23N LONG 079 42 12W)			
DEC 2002 09...	7.0	18,600	0.14
362240079411801 RK-237 UPPER PIEDMONT RS MW-S1I (LAT 36 22 40N LONG 079 41 18W)			
DEC 2002 10...	6.1	5,290	0.03
362240079411802 RK-238 UPPER PIEDMONT RS MW-S1D (LAT 36 22 40N LONG 079 41 18W)			
DEC 2002 09...	14.0	480	6.64
362231079410801 RK-239 UPPER PIEDMONT RS MW-S3S (LAT 36 22 31N LONG 079 41 08W)			
DEC 2002 10...	3.1	1,620	0.02
362231079410802 RK-240 UPPER PIEDMONT RS MW-S3UI (LAT 36 22 31N LONG 079 41 08W)			
DEC 2002 10...	3.0	3,780	E.01

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unfltrd uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Hard-ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	
362231079310803 RK-241 UPPER PIEDMONT RS MW-S3LI (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...	1215	8.0	5.7	119	15.5	24	6.21	2.13	1.14	12.4	0.03	5.19	43.5
362231079310804 RK-242 UPPER PIEDMONT RS MW-S3D (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...	1145	5.2	6.3	164	15.6	43	10.3	4.27	0.88	11.5	0.03	4.91	41.3
Date	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	
362231079310803 RK-241 UPPER PIEDMONT RS MW-S3LI (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...	0.2	124	<0.10	<0.04	6.59	<0.008	0.03	<2	<0.30	<2	17	0.11	<13
362231079310804 RK-242 UPPER PIEDMONT RS MW-S3D (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...	1.9	149	<0.10	<0.04	7.67	0.042	0.03	<2	<0.30	<2	2	<0.06	<13
Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denium, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Alpha radio-activity water, fltrd, Th-230, pCi/L (04126)	
362231079310803 RK-241 UPPER PIEDMONT RS MW-S3LI (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...	<0.04	1.1	0.127	<0.2	E6	<0.08	40.6	E.3	2.03	<3	<0.2	M	0.6
362231079310804 RK-242 UPPER PIEDMONT RS MW-S3D (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...	<0.04	<0.8	0.737	0.4	<10	0.34	1.5	0.8	0.90	<3	<0.2	4,400	M
Date				Grossbeta radioac water,fltrd, Cs-137, pCi/L (03515)				Rn-222, water, unfltrd pCi/L (82303)				Uranium natural water,fltrd, ug/L (22703)		
362231079310803 RK-241 UPPER PIEDMONT RS MW-S3LI (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...			3.1			5,270			E.01				
362231079310804 RK-242 UPPER PIEDMONT RS MW-S3D (LAT 36 22 31N LONG 079 31 08W)														
DEC 2002	10...			3.7			5,510			0.11				

Remark codes used in this table:
 < -- Less than
 E -- Estimated value
 M-- Presence verified, not quantified

MISCELLANEOUS STATION ANALYSES

Ground-water-quality data were collected in Wake County during the 2003 water year for the ongoing Piedmont/Mountains ground-water study in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section. Well locations for sites listed in the following tables are shown in figure 9.

Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Hard-ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	
354359078403101 WK-280 LAKE WHEELER MW-2S (REGOLITH WELL) (LAT 35 43 59N LONG 078 40 31W)														
NOV 2002	14...	1000	5.2	5.2	248	18.1	62	16.8	4.90	3.48	17.0	7	0.04	17.0
354359078403102 WK-281 LAKE WHEELER RS MW-2I (INTERMEDIATE WELL) (LAT 35 43 59N LONG 078 40 31W)														
NOV 2002	13...	1600	5.6	5.6	215	17.0	56	15.4	4.14	3.46	13.2	16	0.03	13.2
354359078403103 WK-282 LAKE WHEELER RS MW-2T (TRANSITION ZONE WELL) (LAT 35 43 59N LONG 078 40 31W)														
NOV 2002	14...	1015	7.2	5.7	223	17.4	61	17.9	4.04	3.43	13.7	34	0.04	11.6
354404078403101 WK-284 LAKE WHEELER RS MW-3S (REGOLITH WELL) (LAT 35 44 04N LONG 078 40 30W)														
NOV 2002	13...	1015	8.7	5.1	81	17.1	15	1.65	2.50	1.89	8.05	3	0.04	7.04
354404078403102 WK-285 LAKE WHEELER RS MW-3I (TRANSITION ZONE WELL) (LAT 35 44 04N LONG 078 40 30W)														
NOV 2002	13...	1145	7.0	5.8	82	17.5	19	4.89	1.56	2.14	7.51	18	0.03	3.55
354401078403401 WK-287 LAKE WHEELER RS PW-1 (LAT 35 44 00N LONG 078 40 33W)														
NOV 2002	14...	1100	0.1	7.8	195	17.4	75	24.6	3.32	2.65	9.80	75	E.02	3.09
Date		Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)
354359078403101 WK-280 LAKE WHEELER MW-2S (REGOLITH WELL) (LAT 35 43 59N LONG 078 40 31W)														
NOV 2002	14...	20.5	E.1	185	<0.10	<0.04	21.1	<0.008	<0.02	2	<0.30	<2	210	0.33
354359078403102 WK-281 LAKE WHEELER RS MW-2I (INTERMEDIATE WELL) (LAT 35 43 59N LONG 078 40 31W)														
NOV 2002	13...	26.5	0.2	165	<0.10	<0.04	15.9	E.004	E.01	<2	<0.30	<2	126	E.06
354359078403103 WK-282 LAKE WHEELER RS MW-2T (TRANSITION ZONE WELL) (LAT 35 43 59N LONG 078 40 31W)														
NOV 2002	14...	30.1	0.6	170	<0.10	<0.04	15.3	<0.008	0.04	4	<0.30	<2	158	E.05
354404078403101 WK-284 LAKE WHEELER RS MW-3S (REGOLITH WELL) (LAT 35 44 04N LONG 078 40 30W)														
NOV 2002	13...	9.93	E.1	60	<0.10	<0.04	5.90	<0.008	<0.02	18	<0.30	<2	124	0.20
354404078403102 WK-285 LAKE WHEELER RS MW-3I (TRANSITION ZONE WELL) (LAT 35 44 04N LONG 078 40 30W)														
NOV 2002	13...	27.5	2.4	74	<0.10	<0.04	2.69	0.008	E.02	<2	<0.30	<2	42	0.07
354401078403401 WK-287 LAKE WHEELER RS PW-1 (LAT 35 44 00N LONG 078 40 33W)														
NOV 2002	14...	27.4	6.8	126	<0.10	<0.04	<0.06	<0.008	<0.02	3	<0.30	<2	16	<0.06

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Boron, water, fltrd, ug/L (01020)	Cadmium, water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)
354359078403101 WK-280 LAKE WHEELER MW-2S (REGOLITH WELL) (LAT 35 43 59N LONG 078 40 31W)													
NOV 2002 14...	<13	0.15	E.6	0.761	0.9	13	0.13	157	0.5	5.72	<3	<0.2	6
354359078403102 WK-281 LAKE WHEELER RS MW-2I (INTERMEDIATE WELL) (LAT 35 43 59N LONG 078 40 31W)													
NOV 2002 13...	E6.0	E.03	<0.8	0.438	0.3	<10	<0.08	40.6	<0.3	2.21	<3	<0.2	3
354359078403103 WK-282 LAKE WHEELER RS MW-2T (TRANSITION ZONE WELL) (LAT 35 43 59N LONG 078 40 31W)													
NOV 2002 14...	<13	E.03	E.6	0.101	0.4	<10	<0.08	10.8	0.6	1.49	<3	<0.2	1
354404078403101 WK-284 LAKE WHEELER RS MW-3S (REGOLITH WELL) (LAT 35 44 04N LONG 078 40 30W)													
NOV 2002 13...	<13	E.03	E.4	2.19	0.6	E8	E.06	34.6	<0.3	1.99	<3	<0.2	6
354404078403102 WK-285 LAKE WHEELER RS MW-3I (TRANSITION ZONE WELL) (LAT 35 44 04N LONG 078 40 30W)													
NOV 2002 13...	<13	E.03	2.2	0.279	2.0	<10	<0.08	48.0	<0.3	8.68	<3	<0.2	5
354401078403401 WK-287 LAKE WHEELER RS PW-1 (LAT 35 44 00N LONG 078 40 33W)													
NOV 2002 14...	E10	0.05	<0.8	0.046	0.2	19	0.34	83.6	20.2	0.57	<3	<0.2	39

Date	Alpha radio- activity water, fltrd, Th-230, pCi/L (04126)	Gross beta radioac water, fltrd, Cs-137, pCi/L (03515)	Rn-222, water, unfltrd pCi/L (82303)	Uranium natural water, fltrd, ug/L (22703)
354359078403101 WK-280 LAKE WHEELER MW-2S (REGOLITH WELL) (LAT 35 43 59N LONG 078 40 31W)				
NOV 2002 14...	1.4	5.4	1,490	E.01
354359078403102 WK-281 LAKE WHEELER RS MW-2I (INTERMEDIATE WELL) (LAT 35 43 59N LONG 078 40 31W)				
NOV 2002 13...	1.0	5.9	4,220	E.01
354359078403103 WK-282 LAKE WHEELER RS MW-2T (TRANSITION ZONE WELL) (LAT 35 43 59N LONG 078 40 31W)				
NOV 2002 14...	0.2	5.2	1,820	0.02
354404078403101 WK-284 LAKE WHEELER RS MW-3S (REGOLITH WELL) (LAT 35 44 04N LONG 078 40 30W)				
NOV 2002 13...	1.2	2.8	680	0.03
354404078403102 WK-285 LAKE WHEELER RS MW-3I (TRANSITION ZONE WELL) (LAT 35 44 04N LONG 078 40 30W)				
NOV 2002 13...	0.4	2.5	1,360	E.01
354401078403401 WK-287 LAKE WHEELER RS PW-1 (LAT 35 44 00N LONG 078 40 33W)				
NOV 2002 14...	6.7	10.8	980	2.03

MISCELLANEOUS STATION ANALYSES

Ground-water-quality data were collected for the Albemarle-Pamlico Drainage Basin study unit for the National Water Quality Assessment Program during the 2003 water year. Objectives of the study are to provide data primarily for characterizing water-quality of the Castle Hayne aquifer in the Coastal Plain of North Carolina and for evaluating trends in ground-water quality. Well locations for sites listed in the following tables are shown in figure 9.

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Water level, depth below MP, feet (61055)	Flow rate, instantaneous gal/min (00059)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm (00095)	Temperature, water, deg C (00010)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	1030	73.38	8.19	42.5	8.19	1.0	0.6	766	0.5	5	7.5	310	18.1
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	1100	45.80	7.00	37.5	6.70	1.0	0.2	763	0.1	2	7.2	416	18.8
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	1000	21.75	9.29	37.5	12.04	0.10	87	770	0.4	4	7.0	720	17.7
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	1000	59.00	26.64	36.0	27.49	1.2	7.9	763	0.1	1	8.2	139	18.9
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	1300	90.00	17.66	45	18.45	5.1	3.2	755	0.1	1	7.5	308	21.9
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	1115	90.00	16.93	25	17.95	3.0	0.9	773	0.1	0.0	8.1	238	18.5
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	1500	105.00	9.00	44	10.25	6.0	5.6	755	0.2	2	7.3	354	20.3
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	1100	80.00	--	12.5	--	3.0	0.5	771	0.1	1	7.4	368	17.7
FEB 05...	0930	80.00	5.18	12.5	6.96	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	1500	--	--	--	--	--	0.4	761	1.5	16	7.5	370	19.1
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	1100	110.60	8.38	22.5	9.48	0.50	20	756	0.2	2	8.2	721	17.3
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	1500	182.00	--	--	--	--	0.2	763	0.2	2	7.3	363	17.8
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	1430	240.00	--	--	--	0.30	--	762	3.3	37	7.3	421	20.7

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Hardness, water, unfltrd mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, water, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
	341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)												
FEB 2003 12...	160	62.9	1.49	0.54	4.93	136	166	0.03	5.52	7.24	0.6	166	187
	342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)												
OCT 2002 29...	230	89.0	1.99	0.82	7.12	200	244	0.04	22.3	11.3	4.8	261	269
	342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)												
MAR 2003 12...	380	145	4.18	2.16	6.75	252	307	0.06	10.5	7.53	118	449	466
	343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)												
OCT 2002 30...	74	29.0	0.475	2.01	2.24	90	110	E.01	2.70	1.25	3.1	96	84
	342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)												
SEP 2002 11...	150	57.7	1.73	0.68	6.04	136	166	--	10.0	8.32	0.5	169	186
	342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)												
FEB 2003 06...	110	40.0	1.71	0.90	7.21	68	83	0.06	11.9	9.87	27.2	141	146
	342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)												
SEP 2002 11...	180	70.4	1.54	0.73	5.32	174	212	--	8.47	12.4	0.2	205	216
	342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)												
JAN 2003 15...	190	73.2	1.87	0.94	7.34	185	226	0.05	8.74	22.9	<0.2	--	242
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
	343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)												
SEP 2002 18...	190	68.3	3.57	4.77	7.21	192	234	--	6.38	41.3	<0.1	--	271
	344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)												
JAN 2003 09...	62	17.6	4.47	11.7	144	312	381	0.18	50.8	35.9	4.4	459	466
	350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)												
SEP 2002 12...	190	71.2	2.06	2.04	6.07	131	160	0.05	9.19	13.8	11.9	196	220
	344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)												
OCT 2002 02...	220	83.4	1.90	1.30	7.60	215	262	0.04	7.53	19.9	0.4	253	261

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Ortho-phosphate, water, fltrd, mg/L (00660)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Organic carbon, water, fltrd, mg/L (00681)	E coli, MI MF, water, col/100 mL (90901)	Total coliform, MI MF, water, col/100 mL (90900)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.10	--	E.03	<0.06	<0.008	--	0.123	0.04	1.0	--	--	E2	<0.30
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	E.06	--	<0.04	<0.06	E.005	--	0.175	0.06	0.9	--	--	M	<0.30
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	0.25	0.16	0.12	<0.06	<0.008	0.12	0.092	0.03	6.6	--	--	3	<0.30
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.10	--	<0.04	0.16	<0.008	--	--	<0.02	0.7	--	--	2	E.17
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	0.30	0.29	0.23	<0.05	<0.008	0.07	0.310	0.10	4.7	<1	<1	1	<0.05
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.10	--	<0.04	<0.06	<0.008	--	0.316	0.10	0.4	<1	24	<2	<0.30
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	0.26	0.23	0.18	<0.05	<0.008	0.08	0.337	0.11	4.8	<1	<1	1	<0.05
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	0.18	0.18	0.14	<0.06	<0.008	0.04	0.454	0.15	2.9	<1	K1	<2	<0.30
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	0.25	0.23	0.18	<0.05	<0.008	0.08	--	<0.02	5.5	<1	K3	<1	<0.05
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	0.22	0.22	0.17	<0.06	<0.008	0.05	0.064	0.02	1.6	--	--	<2	<0.30
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	E.05	--	<0.04	<0.05	<0.008	--	0.598	0.20	0.6	<1	<1	<1	E.04
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	0.30	0.11	0.09	<0.06	<0.008	0.22	0.071	0.02	2.5	<1	<1	<2	<0.30

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.3	16	<0.06	18	<0.04	<0.8	0.082	E.1	251	<0.08	0.7	17.3	<0.3
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	0.5	31	<0.06	12	<0.04	<0.8	0.191	E.2	3,030	<0.08	2.6	249	0.4
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.3	44	<0.06	19	<0.04	<0.8	0.415	1.8	2,950	0.70	2.3	135	0.8
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.3	14	<0.06	16	0.72	<0.8	0.072	0.4	<10	4.83	2.0	3.7	0.7
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.2	23	<0.06	18	<0.04	<0.8	0.112	E.1	1,210	E.05	1.5	20.4	<0.2
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.3	9	<0.06	29	<0.04	<0.8	0.062	0.3	288	<0.08	2.1	15.5	1.4
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.2	21	<0.06	11	<0.04	<0.8	0.137	E.1	958	<0.08	2.0	22.2	<0.2
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.3	13	<0.06	16	<0.04	<0.8	0.134	0.6	2,020	0.27	6.1	48.2	<0.3
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	E.1	<1	<0.06	20	<0.04	<0.8	0.125	E.2	236	0.30	19.9	14.3	E.1
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	E.2	M	<0.06	1,300	<0.04	<4.0	0.041	<0.2	<10	<0.08	12.2	0.2	0.8
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.2	<1	<0.06	20	<0.04	<0.8	0.130	E.2	376	<0.08	1.9	19.7	E.1
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.3	M	<0.06	11	<0.04	<0.8	0.171	E.2	1,230	E.04	4.0	37.4	<0.3

MISCELLANEOUS STATION ANALYSES—Continued

Date	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)	Thall- ium, water, fltrd, ug/L (01057)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)
	341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)												
FEB 2003 12...	3.17	<0.5	<0.2	144	<0.04	1.4	2	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)												
OCT 2002 29...	2.02	<0.5	<0.2	138	<0.04	0.3	6	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)												
MAR 2003 12...	7.71	<0.5	<0.2	208	<0.04	1.2	4	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)												
OCT 2002 30...	1.17	<0.5	<0.2	85.4	<0.04	E.1	661	<0.006	<0.006	<0.006	<0.004	<0.005	E.004
	342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)												
SEP 2002 11...	2.28	<0.3	<1.0	119	0.30	2.3	1	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)												
FEB 2003 06...	1.32	<0.5	<0.2	97.1	<0.04	0.3	3	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)												
SEP 2002 11...	2.43	<0.3	<1.0	97.2	E.03	2.3	2	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)												
JAN 2003 15...	2.31	0.5	<0.2	164	<0.04	0.3	3	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
	343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)												
SEP 2002 18...	2.15	<0.3	<1.0	218	<0.04	1.0	4	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)												
JAN 2003 09...	0.67	0.7	<0.2	81.1	<0.04	0.1	3	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)												
SEP 2002 12...	2.37	<0.3	<1.0	206	<0.04	0.8	3	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007
	344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)												
OCT 2002 02...	0.23	<0.5	<0.2	260	<0.04	0.7	67	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Butyl-ate, water, fltrd, ug/L (04028)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyri-fos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	Cyana-zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	Diel-drin, water, fltrd, ug/L (39381)	Disulf-oton, water, fltrd 0.7u GF ug/L (82677)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	--	<0.005	<0.005	<0.02
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	--	<0.005	<0.005	<0.02
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	--	<0.005	<0.005	<0.02
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	--	<0.005	<0.005	<0.02
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	--	<0.005	<0.005	<0.02

MISCELLANEOUS STATION ANALYSES—Continued

Date	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.002	<0.009	<0.005	--	--	--	--	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.002	<0.009	<0.005	--	--	--	--	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.002	<0.009	<0.005	--	--	--	--	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.002	<0.009	<0.005	--	--	--	--	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.002	<0.009	<0.005	--	--	--	--	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p-' DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Pron- amide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	1,1,1,2- Tetra- chloro- ethane, water, unfltrd ug/L (77562)	1,1,1- Tri- chloro- ethane, water, unfltrd ug/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri- chloro- ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	0.370	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo-chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	3.48	<0.5	<0.04	<0.03	<0.1
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	0.94	<0.5	<0.04	<0.03	<0.1
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	1.15	<0.5	<0.04	<0.03	<0.1
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	0.10	<0.5	<0.04	<0.03	<0.1
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	2.92	<0.5	<0.04	<0.03	<0.1
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.04	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	E.04	<0.5	<0.04	<0.03	<0.1

MISCELLANEOUS STATION ANALYSES—Continued

Date	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.03	<0.06	<0.07	<0.05	<0.07	<7	<1
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.03	<0.06	<0.07	<0.05	<0.07	<7	<1
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.03	<0.06	<0.07	<0.05	<0.07	<7	<1
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.03	<0.06	<0.07	<0.05	<0.07	<7	<1
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.03	<0.04	<0.03	<0.1	<0.05	<0.05	<0.03	<0.06	<0.07	<0.05	<0.07	<7	<1

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Benzene water unfltrd ug/L (34030)	Bromo- benzene water unfltrd ug/L (81555)	Bromo- chloro- methane water unfltrd ug/L (77297)	Bromo- di- chloro- methane water unfltrd ug/L (32101)	Bromo- ethene, water, unfltrd ug/L (50002)	Bromo- methane water unfltrd ug/L (34413)	Carbon di- sulfide water unfltrd ug/L (77041)	Chloro- benzene water unfltrd ug/L (34301)	Chloro- ethane, water, unfltrd ug/L (34311)	Chloro- methane water unfltrd ug/L (34418)	cis- 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093)	cis- 1,3-Di- chloro- propene water unfltrd ug/L (34704)	Di- bromo- chloro- methane water unfltrd ug/L (32105)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	0.14	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.04	<0.04	<0.07	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	0.92	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.04	<0.04	<0.07	<0.05	<0.1	<0.3	0.61	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	0.21	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.04	<0.04	<0.07	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.04	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.04	<0.04	<0.07	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.04	<0.04	<0.07	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2

MISCELLANEOUS STATION ANALYSES—Continued

Date	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unfltrd ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.05	<0.18	<0.2	<0.2	2.07	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.25	<0.4	<0.06
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	6.1	<0.03	<0.1	<0.2	<0.25	<0.4	<0.06
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.25	<0.4	<0.06
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.05	<0.18	M	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.25	<0.4	<0.06
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.05	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.25	<0.4	<0.06

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Methyl acrylonitrile water unfltrd ug/L (81593)	Methyl acrylate, water, unfltrd ug/L (49991)	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propylbenzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butylbenzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.6	<2.0	<0.3	<0.08	E.04	<0.5	<0.7	<0.2	<0.04	<0.07	<0.03	<0.04	<0.05
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.03	<0.04	<0.05
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.03	<0.04	<0.05
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.03	<0.04	<0.05
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.6	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.03	<0.04	<0.05

MISCELLANEOUS STATION ANALYSES—Continued

Date	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert- Butyl- benzene water unfltrd ug/L (77353)	Tetra- chloro- ethene, water, unfltrd ug/L (34475)	Tetra- chloro- methane water unfltrd ug/L (32102)	Tetra- hydro- furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	trans- 1,2-Di- chloro- ethene, water, unfltrd ug/L (34546)	trans- 1,3-Di- chloro- propene water unfltrd ug/L (34699)	trans- 1,4-Di- chloro- 2- butene, wat unfltrd ug/L (73547)	Tri- bromo- methane water unfltrd ug/L (32104)	Tri- chloro- ethene, water, unfltrd ug/L (39180)	Tri- chloro- fluoro- methane water unfltrd ug/L (34488)	Tri- chloro- methane water unfltrd ug/L (32106)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)													
FEB 2003 12...	<0.2	<0.10	<0.03	<0.06	M	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)													
OCT 2002 29...	<0.2	<0.10	<0.03	<0.06	14	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)													
MAR 2003 12...	<0.2	<0.10	<0.03	<0.06	E1	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)													
OCT 2002 30...	<0.2	<0.10	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)													
SEP 2002 11...	<0.2	<0.05	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.06	<0.04	<0.09	E.05
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)													
FEB 2003 06...	<0.2	<0.10	<0.03	<0.06	M	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)													
SEP 2002 11...	<0.2	<0.05	<0.03	<0.06	7	0.56	<0.03	<0.09	<0.7	<0.06	<0.04	<0.09	E.03
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)													
JAN 2003 15...	<0.2	<0.10	<0.03	<0.06	E2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.03
FEB 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)													
SEP 2002 18...	<0.2	<0.05	<0.03	<0.06	<2	E.01	<0.03	<0.09	<0.7	<0.06	<0.04	<0.09	<0.02
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)													
JAN 2003 09...	<0.2	<0.10	<0.03	<0.06	3	E.03	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)													
SEP 2002 12...	<0.2	<0.05	<0.03	<0.06	<2	E.01	<0.03	<0.09	<0.7	<0.06	<0.04	<0.09	<0.02
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)													
OCT 2002 02...	<0.2	<0.05	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.06	<0.04	<0.09	<0.02

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES—Continued

Date	Vinyl chlor- ide, water, unfltrd ug/L (39175)	Rn-222 2-sigma water unfltrd pCi/L (76002)	Rn-222, water, unfltrd pCi/L (82303)	Tritium 2-sigma water unfltrd pCi/L (75985)	Tritium water unfltrd pCi/L (07000)	Uranium natural water, fltrd, ug/L (22703)
341346077522601 NH-526 MAS 4 AT WILMINGTON, NC (LAT 34 13 46N LONG 077 52 26W)						
FEB 2003 12...	<0.1	17	60	--	--	<0.02
342302077534501 PE-096 MAS 5 NR CASTLE HAYNE AT ROCKY POINT, NC (LAT 34 23 02N LONG 077 53 45W)						
OCT 2002 29...	<0.1	18	170	1.0	14	0.20
342511077520701 PE-100 MAS 5B NR ROCKY POINT, NC (LAT 34 25 11N LONG 077 52 07W)						
MAR 2003 12...	<0.1	18	120	--	--	0.02
343308077484501 PE-097 MAS 10 NR HOLLY SHELTER NR WALKERS, NC (LAT 34 33 08N LONG 077 48 45W)						
OCT 2002 30...	<0.1	16	M	1.9	33	<0.02
342142077430701 PE-094 MAS 12 AT HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 07W)						
SEP 2002 11...	<0.1	18	120	1.6	28	<0.02
342435077365401 PE-099 MAS 12B NR ANNANDALE, NC (LAT 34 24 35N LONG 077 36 54W)						
FEB 2003 06...	<0.1	16	20	--	--	0.03
342610077371401 PE-095 MAS 13 NR HAMPSTEAD, NC (LAT 34 21 42N LONG 077 43 08W)						
SEP 2002 11...	<0.1	16	40	1.0	4	<0.02
342515077353901 PE-098 MAS 13B AT WATTS LANDING, NC (LAT 34 25 15N LONG 077 35 39W)						
JAN 2003 15...	<0.1	16	M	--	--	<0.02
FEB 05...	--	--	--	--	--	--
343400077292201 ON-308 MAS 14 NR DIXON, NC (LAT 34 34 00N LONG 077 29 22W)						
SEP 2002 18...	<0.1	19	150	1.0	M	<0.02
344537077283601 ON-310 MAS 15 IN JACKSONVILLE, NC (LAT 34 45 37N LONG 077 28 36W)						
JAN 2003 09...	<0.1	27	700	--	--	<0.02
350012077131101 JO-076 MAS 21 AT POLLOCKSVILLE, NC (LAT 35 00 12N LONG 077 13 11W)						
SEP 2002 12...	<0.1	18	90	1.0	12	<0.02
344244077135801 ON-309 MAS-25 AT HUBERT, NC (LAT 34 42 44N LONG 077 13 58W)						
OCT 2002 02...	<0.1	16	50	1.0	M	<0.02

WATER QUALITY DATA

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MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Water level, depth below MP, feet (61055)	Flow rate, instantaneous gal/min (00059)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	
344620077094301 ON-311 MAS 26 NR STELLA, NC (LAT 34 46 20N LONG 077 09 43W)														
JAN 2003	14...	1100	80.00	--	12.5	--	3.0	0.3	770	0.1	0.0	7.4	370	17.5
352233077091901 CR-624 MAS 30 NR VANCEBORO, NC (LAT 35 22 33N LONG 077 09 19W)														
SEP 2002	12...	1000	160.00	22.15	43	23.60	9.0	0.1	763	0.3	3	7.5	307	18.4
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)														
MAY 2003	27...	1230	74.00	21.39	28.26	23.49	1.2	1.1	761	0.1	1	7.4	460	20.0
AUG	20...	1103	74.00	21.87	28.26	24.02	1.2	0.4	767	M	0.0	7.4	468	20.1
352252077050706 BO-358 WILMAR RS 6 (LAT 35 22 52N LONG 077 05 07W)														
MAY 2003	06...	1445	200.00	6.16	40.48	7.06	1.5	--	762	M	0.0	7.3	386	17.2
352832076470102 BO-384 BATH RS 2 (LAT 35 28 32N LONG 076 47 01W)														
AUG 2003	11...	1400	190.00	25.09	7.97	26.12	1.2	1.4	763	0.1	1	7.2	790	18.1
353747077052001 B0-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)														
AUG 2003	14...	1000	82.00	13.21	35.85	16.85	1.2	4.2	770	M	0.0	7.4	333	17.5
340052078045901 BR-112 BOILING SPRINGS RS2 FF32 Y-1 (LAT 34 00 51N LONG 078 04 58W)														
MAR 2003	26...	1000	150.00	3.86	51.66	6.19	1.5	0.2	759	0.1	0.0	7.1	580	17.9
350816077101805 CR-533 CLARKS RS 5 (LAT 35 08 16N LONG 077 10 18W)														
OCT 2002	31...	1100	80.00	24.80	27.36	26.37	1.2	3.0	766	0.2	2	7.5	414	17.4
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)														
OCT 2002	30...	1330	92.80	9.16	46	10.37	1.2	3.6	759	0.1	1	7.2	519	17.5
352226077080701 CR-626 P21N1 NR PURSER, NC (LAT 35 22 26N LONG 077 08 07W)														
AUG 2003	13...	1100	172.00	16.50	43.98	18.42	1.2	6.5	769	M	0.0	7.3	358	18.0
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)														
AUG 2003	19...	1030	130.00	6.00	42.62	5.35	1.2	8.2	765	M	0.0	7.3	419	18.9
345051078012103 DU-134 (NC-224) ROSE HILL RS V32v3 (CASTLE HAYNE) (LAT 34 50 51N LONG 078 01 21W)														
JUN 2003	02...	1100	46.00	10.32	84.42	11.62	1.2	2.9	762	0.1	0.0	7.1	482	17.7
AUG	19...	1306	46.00	9.86	84.42	11.08	1.2	4.5	763	0.1	1	7.1	490	18.1

WATER QUALITY DATA
MISCELLANEOUS STATION ANALYSES—Continued

Date	Vinyl chloride, water, unfltrd ug/L (39175)	Rn-222 2-sigma water unfltrd pCi/L (76002)	Rn-222, water, unfltrd pCi/L (82303)	Tritium 2-sigma water unfltrd pCi/L (75985)	Tritium water unfltrd pCi/L (07000)	Uranium natural water, fltrd, ug/L (22703)
344620077094301 ON-311 MAS 26 NR STELLA, NC (LAT 34 46 20N LONG 077 09 43W)						
JAN 2003 14...	<0.1	17	50	1.0	0.0	<0.02
352233077091901 CR-624 MAS 30 NR VANCEBORO, NC (LAT 35 22 33N LONG 077 09 19W)						
SEP 2002 12...	<0.1	20	170	1.0	M	<0.02
335631078003605 BR-082 (NC-198) SOUTHPORT RS GG32t5 (CASTLE HAYNE) (LAT 33 56 31N LONG 078 00 35W)						
MAY 2003 27...	<0.1	--	--	--	--	<0.02
AUG 2003 20...	--	24	420	--	--	--
352252077050706 BO-358 WILMAR RS 6 (LAT 35 22 52N LONG 077 05 07W)						
MAY 2003 06...	<0.1	16	40	--	--	<0.02
352832076470102 BO-384 BATH RS 2 (LAT 35 28 32N LONG 076 47 01W)						
AUG 2003 11...	<0.1	15	40	--	--	<0.02
353747077052001 B0-419 RSK NR WASHINGTON, NC (LAT 35 37 47N LONG 077 05 20W)						
AUG 2003 14...	0.2	20	210	--	--	E.01
340052078045901 BR-112 BOILING SPRINGS RS2 FF32 Y-1 (LAT 34 00 51N LONG 078 04 58W)						
MAR 2003 26...	<0.1	20	230	--	--	<0.02
350816077101805 CR-533 CLARKS RS 5 (LAT 35 08 16N LONG 077 10 18W)						
OCT 2002 31...	<0.1	17	120	--	--	<0.02
351019077184102 CR-543 COVE CITY RS 2 (LAT 35 10 19N LONG 077 18 41W)						
OCT 2002 30...	<0.1	18	100	1.0	14	E.01
352226077080701 CR-626 P21N1 NR PURSER, NC (LAT 35 22 26N LONG 077 08 07W)						
AUG 2003 13...	<0.1	20	220	--	--	<0.02
344922077484705 DU-128 CHINQUAPIN RS 5 (LAT 34 49 22N LONG 077 48 47W)						
AUG 2003 19...	<0.1	17	30	--	--	<0.02
345051078012103 DU-134 (NC-224) ROSE HILL RS V32v3 (CASTLE HAYNE) (LAT 34 50 51N LONG 078 01 21W)						
JUN 2003 02...	<0.1	--	--	--	--	E.01
AUG 2003 19...	--	18	70	--	--	--

MISCELLANEOUS STATION ANALYSES—Continued

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Water level, depth below MP, feet (61055)	Flow rate, instantaneous gal/min (00059)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002	1200	60.00	14.75	70	--	1.2	1.1	764	0.1	1	7.0	344	15.8
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003	1300	185.00	32.18	33.38	33.38	1.2	--	762	M	0.0	7.6	716	18.4
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002	1100	40.00	19.19	24.06	20.12	1.2	11	771	3.5	38	6.0	235	18.7
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003	1330	80.00	5.95	46.20	8.36	1.2	2.5	765	0.1	0.0	7.0	540	17.8
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003	1100	87.00	8.13	39.73	10.66	1.2	8.7	764	0.1	0.0	7.8	399	18.3
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003	1330	191.00	12.78	8.72	15.63	1.2	5.5	762	0.1	0.0	7.3	534	20.5
Date	Hard-ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002	180	68.2	1.57	0.78	3.59	178	217	0.05	5.68	14.4	0.2	204	214
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003	260	47.3	34.0	21.4	36.2	299	365	0.14	45.9	27.2	1.6	400	407
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002	61	4.95	11.7	2.04	10.2	30	37	0.12	27.7	6.21	E.1	--	132
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003	280	106	2.47	1.49	7.00	286	349	0.02	6.57	49.5	<0.2	--	369
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003	120	28.9	10.9	12.2	40.8	204	249	0.02	4.54	16.0	1.8	240	240
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003	230	83.2	5.68	6.05	10.1	264	322	E.01	11.3	42.2	<0.2	--	338

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Ortho-phosphate, water, fltrd, mg/L (00660)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	E.10	0.09	0.07	0.08	<0.008	--	0.506	0.17	--	2.1	<2	E.16	<0.3
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	1.0	1.05	0.82	<0.06	<0.008	0.21	--	<0.02	--	3.4	M	<0.30	E.1
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	1.1	1.31	1.02	11.4	0.012	0.05	--	<0.02	12	0.6	14	<0.30	0.4
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	0.20	0.15	0.12	<0.06	0.016	0.08	1.21	0.40	--	4.6	<2	<0.30	<0.3
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	0.47	0.43	0.33	<0.06	<0.008	0.13	--	<0.02	--	2.6	3	<0.30	<0.3
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	0.83	1.00	0.78	<0.06	<0.008	0.06	--	<0.09	--	4.1	<2	<0.30	<0.3
Date	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium, water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	17	<0.06	8	<0.04	<0.8	0.169	E.1	1,640	<0.08	2.0	34.8	<0.3	2.85
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	14	<0.06	284	<0.04	<0.8	0.258	0.3	3,830	<0.08	31.3	92.7	1.7	1.03
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	157	0.15	12	0.45	<0.8	3.09	0.6	3,200	1.78	1.7	248	<0.3	24.2
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	45	<0.06	22	<0.04	<0.8	0.211	E.2	9,080	<0.08	12.8	139	<0.3	2.66
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	5	<0.06	674	<0.04	<0.8	0.065	<0.2	78	<0.08	7.0	5.5	1.2	0.93
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	2	<0.06	32	<0.04	<0.8	0.205	0.3	1,740	<0.08	16.4	11.7	<0.3	3.20

MISCELLANEOUS STATION ANALYSES—Continued

Date	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Thallium, water, fltrd, ug/L (01057)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,6-Diethyl- aniline water fltrd 0.7u GF (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF (82686)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.5	<0.2	73.3	<0.04	0.8	M	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007	<0.050
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.5	<0.2	602	<0.04	2.1	86	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007	<0.050
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	0.6	<0.2	71.6	0.05	E.1	9,500	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007	<0.050
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.5	<0.2	407	<0.04	1.9	M	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007	<0.050
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.5	<0.2	219	<0.04	1.1	<1	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007	<0.050
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.5	<0.2	565	<0.04	0.7	<1	<0.006	<0.006	<0.006	<0.004	<0.005	<0.007	<0.050
Date	Ben- flur- alin, water, fltrd 0.7u GF (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF (82680)	Carbo- furan, water, fltrd 0.7u GF (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF (82677)	EPTC, water, fltrd 0.7u GF (82668)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02	<0.002
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02	<0.002
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02	<0.002
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02	<0.002
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02	<0.002
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005	<0.02	<0.002

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	Ethal-flur-alin, water, fltrd 0.7u GF ug/L (82663)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013	<0.006
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013	<0.006
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013	<0.006
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013	<0.006
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013	<0.006
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006	<0.013	<0.006
Date	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Naprop-amide, water, fltrd 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome-ton, water, fltrd, ug/L (04037)	Pron-amide, water, fltrd 0.7u GF ug/L (82676)	Propa-chlor, water, fltrd, ug/L (04024)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Sim-a-zine, water, fltrd, ug/L (04035)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011	<0.02	<0.005

MISCELLANEOUS STATION ANALYSES—Continued

Date	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	1,1,1,2- Tetra- chloro- ethane, water, unfltrd ug/L (77562)	1,1,1- Tri- chloro- ethane, water, unfltrd ug/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri- chloro- ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496)	1,1-Di- chloro- ethene, water, unfltrd ug/L (34501)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04
Date	1,1-Di- chloro- propene water unfltrd ug/L (77168)	1,2,3,4 Tetra- methyl- benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra- methyl- benzene water unfltrd ug/L (50000)	1,2,3- Tri- chloro- benzene water unfltrd ug/L (77613)	1,2,3- Tri- chloro- propane water unfltrd ug/L (77443)	1,2,3- Tri- methyl- benzene water unfltrd ug/L (77221)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)	1,2,4- Tri- methyl- benzene water unfltrd ug/L (77222)	Dibromo chloro- propane water unfltrd ug/L (82625)	1,2-Di- bromo- ethane, water, unfltrd ug/L (77651)	1,2-Di- chloro- benzene water, unfltrd ug/L (34536)	1,2-Di- chloro- ethane, water, unfltrd ug/L (32103)	1,2-Di- chloro- propane water unfltrd ug/L (34541)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	E.05	<0.5	<0.04	<0.03	<0.1	<0.03
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	0.18	<0.5	<0.04	<0.03	<0.1	<0.03
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	E.06	<0.5	<0.04	<0.03	<0.1	<0.03
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	E.02	<0.5	<0.04	<0.03	<0.1	<0.03
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.05	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	2.13	<0.5	<0.04	<0.03	<0.1	<0.03

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.04	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04
Date	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.04	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05

MISCELLANEOUS STATION ANALYSES—Continued

Date	Di-chloro-di-fluoro-methane wat unfltrd ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	E.24	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.18	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6
Date	Methyl acrylate, water, unfltrd ug/L (49991)	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	<0.2
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	<0.2
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<2.0	<0.3	<0.08	<0.06	1.0	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	<0.2
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	<0.2
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	<0.2
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<2.0	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	<0.2

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

Date	tert-Butylbenzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unfltrd ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)													
NOV 2002 13...	<0.10	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02	<0.1
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)													
MAY 2003 07...	<0.10	<0.03	<0.06	<2	2.98	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02	<0.1
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)													
NOV 2002 14...	<0.10	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.07	<0.1
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)													
AUG 2003 12...	<0.10	<0.03	<0.06	<2	E.02	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02	<0.1
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)													
AUG 2003 12...	<0.10	<0.03	<0.06	4	E.02	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02	<0.1
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)													
AUG 2003 18...	<0.10	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	<0.02	<0.1

Date	Rn-222 2-sigma water unfltrd pCi/L (76002)	Rn-222, water, unfltrd pCi/L (82303)	Uranium natural water, fltrd, ug/L (22703)
345809077301401 JO-064 COMFORT RS 1 (LAT 34 58 09N LONG 077 30 14W)			
NOV 2002 13...	16	50	<0.02
354926076452901 WS-108 K17A8 AT PLYMOUTH, NC (LAT 35 49 26N LONG 076 45 29W)			
MAY 2003 07...	16	30	<0.02
344139077211207 ON-267 HADNOT POINT RS X24s7 (SURFICIAL) (LAT 34 41 35N LONG 077 21 05W)			
NOV 2002 14...	41	1,710	0.04
352734077111301 PI-612 O22L1 VOICE OF AMERICA NR BLACK JACK, NC (LAT 35 27 34N LONG 077 11 13W)			
AUG 2003 12...	38	1,340	<0.02
352748077163101 PI-613 O23L6 AT CHICOD, NC (LAT 35 27 48N LONG 077 16 31W)			
AUG 2003 12...	31	780	0.02
344323076451301 CT-153 (NC-139) CAMP GLENN RS X17j5 (CASTLE HAYNE) (LAT 34 43 23N LONG 076 45 13W)			
AUG 2003 18...	19	140	<0.02

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M -- Presence verified, not quantified
- K -- Counts outside the acceptable range