GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

The following tables contain site, water-level, and water-quality data from a network of 30 domestic and observation wells. The network was established as part of the National Water-Quality Assessment (NAWQA) Program in the Delaware River Basin (DELR).

The wells were sampled to assess the status of ground-water quality in the clastic bedrock of the Piedmont Physiographic Province. Samples were tested for field parameters, nutrients, major ions, trace elements, dissolved and volatile organic compounds (VOCs), pesticides (including their metabolites), and radioisotopes. Many VOCs and pesticide constituents were not detected at any of the 30 wells.

Tables listing all of the VOC and pesticide schedule analytes and their reporting levels are on pages 463-466. Only VOCs and pesticide compounds measured at or above the reporting levels at one or more sites (either surface water or ground water) of the DELR NAWQA Project are listed in the water-quality table.

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

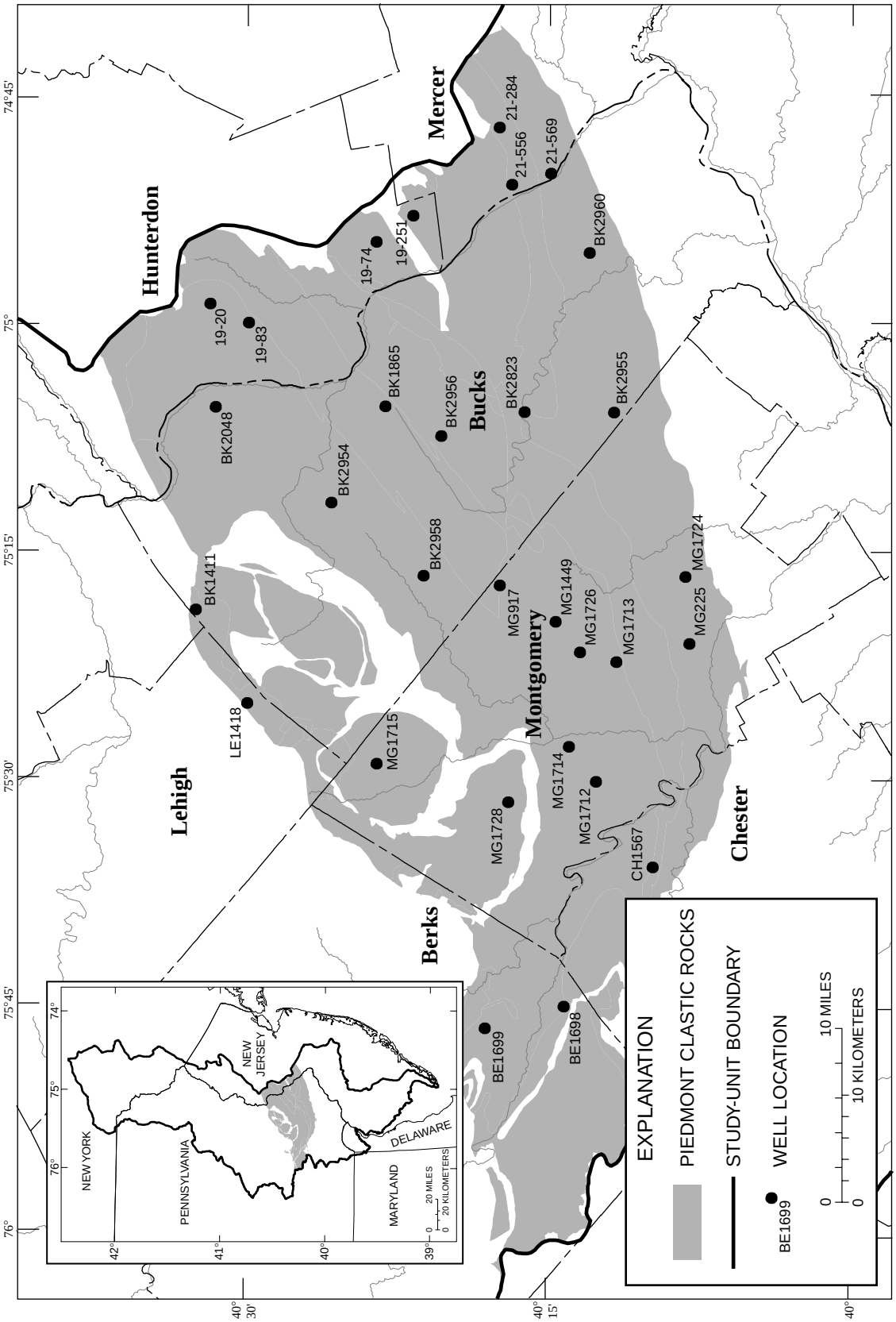

Figure 17.--Location of Delaware River Basin National Water-Quality Assessment Program ground-water sampling sites in the Clastic Bedrock within the Triassic Lowlands Section of the Piedmont Physiographic Province.

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	STATION NUMBER	DATE	TIME	SAMPLE TYPE	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH OF WELL, TOTAL (FEET) (72008)
				BERKS COUNTY PA				
BE 1698	401416075445601	06-29-99	1200	ENVIRONMENTAL	80020	1028	270	95.00
BE 1699	401811075462501	09-28-99	1200	ENVIRONMENTAL	80020	1028	270	260.00
		09-28-99	1201	REPLICATE	80020	1028	270	260.00
		09-28-99	1204	REPLICATE	80020	1028	270	260.00
				BUCKS COUNTY PA				
BK 1411	403237075185301	06-16-99	1200	ENVIRONMENTAL	80020	1028	600	160.00
BK 1865	402315075052701	10-13-99	1200	ENVIRONMENTAL	80020	1028	475	160.00
BK 2048	403140075052901	07-01-99	0900	ENVIRONMENTAL	80020	1028	460	190.00
BK 2823	401620075055001	10-05-99	1200	ENVIRONMENTAL	80020	1028	266	200.00
		10-05-99	1201	REPLICATE	80020	1028	266	200.00
		10-05-99	1210	REPLICATE	80020	1028	266	200.00
		10-05-99	1222	REPLICATE	80020	1028	266	200.00
BK 2954	402555075114701	06-15-99	1100	ENVIRONMENTAL	80020	1028	370	92.00
BK 2955	401154075055001	08-18-99	1200	ENVIRONMENTAL	80020	1028	300	67.00
BK 2956	402027075072901	09-08-99	1000	ENVIRONMENTAL	80020	1028	320	160.00
BK 2958	402119075173701	09-30-99	1100	ENVIRONMENTAL	80020	1028	410	160.00
BK 2960	401306074552001	11-23-99	1200	ENVIRONMENTAL	80020	1028	180	200.00
				CHESTER COUNTY PA				
CH 1567	400954075354501	07-15-99	1100	ENVIRONMENTAL	80020	1028	340	105.00
				LEHIGH COUNTY PA				
LE 1418	403002075250201	09-21-99	1400	ENVIRONMENTAL	80020	1028	740	400.00
				MONTGOMERY COUNTY PA				
MG 225	400808075210401	07-28-99	1300	ENVIRONMENTAL	80020	1028	165	486.00
MG 917	401733075171401	07-14-99	1400	ENVIRONMENTAL	80020	1028	350	500.00
		07-14-99	1401	REPLICATE	80020	1028	350	500.00
		07-14-99	1410	REPLICATE	80020	1028	350	500.00
MG 1449	401446075193701	10-21-99	1100	ENVIRONMENTAL	80020	1028	265	114.50
MG 1712	401245075300901	06-09-99	1100	ENVIRONMENTAL	80020	1028	245	150.00
MG 1713	401146075221601	06-10-99	1100	ENVIRONMENTAL	80020	1028	285	240.00
MG 1714	401405075275101	06-22-99	1100	ENVIRONMENTAL	80020	1028	200	210.00
MG 1715	402337075290001	06-30-99	1200	ENVIRONMENTAL	80020	1028	325	200.00
MG 1724	400821075164001	08-17-99	1100	ENVIRONMENTAL	80020	1028	310	92.00
MG 1726	401334075213801	10-20-99	1200	ENVIRONMENTAL	80020	1028	180	93.40
		10-20-99	1201	REPLICATE	80020	1028	180	93.40
		10-20-99	1204	REPLICATE	80020	1028	180	93.40
MG 1728	401705075313101	11-15-99	1100	ENVIRONMENTAL	80020	1028	280	150.00
				HUNTERDON COUNTY NJ				
190020	403156074583901	06-17-99	1300	ENVIRONMNETAL	80020	1028	525	275.00
190074	402341074543601	06-03-99	1300	ENVIRONMENTAL	80020	1028	290	107.00
190083	403003075000001	08-19-99	1100	ENVIRONMENTAL	80020	1028	510	168.00
190251	402151074525301	07-21-99	1100	ENVIRONMENTAL	80020	1028	405	299.00
		07-21-99	1110	REPLICATE	80020	1028	405	299.00

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)
BERKS COUNTY PA										
BE 1698	9.62	8.2	7.5	299	13.4	130	38.8	8.36	.5	7.4
BE 1699	--	1.0	7.1	709	14.6	360	103	25.6	1.1	11.0
	--	1.0	7.1	709	14.6	--	--	--	--	--
	--	1.0	7.1	709	14.6	--	--	--	--	--
BUCKS COUNTY PA										
BK 1411	70.79	--	6.2	305	15.6	120	38.6	6.45	1.6	9.1
BK 1865	-.66	<.2	7.5	418	13.4	180	60.4	7.67	4.6	12.5
BK 2048	48.62	4.4	7.8	239	12.6	100	29.8	6.86	1.4	10.2
BK 2823	65.60	7.6	8.0	380	12.6	170	25.1	25.7	1.8	10.8
	65.60	7.6	8.0	380	12.6	170	25.1	25.7	1.7	10.8
	65.60	7.6	8.0	380	12.6	--	--	--	--	--
	65.60	7.6	8.0	380	12.6	--	--	--	--	--
BK 2954	58.02	5.5	7.4	282	13.0	120	26.4	14.2	.8	8.7
BK 2955	17.73	2.3	6.5	433	13.4	190	55.1	11.8	.6	12.7
BK 2956	15.60	4.6	5.6	192	13.8	61	15.1	5.67	1.3	14.5
BK 2958	65.60	1.8	7.5	511	13.6	250	60.4	23.2	.6	11.9
BK 2960	24.96	5.9	5.9	382	14.4	120	35.2	8.06	1.4	21.1
CHESTER COUNTY PA										
CH 1567	22.67	4.8	7.1	398	12.4	170	52.8	8.16	.9	11.6
LEHIGH COUNTY PA										
LE 1418	68.76	2.2	7.3	597	12.2	260	80.6	14.9	1.7	19.7
MONTGOMERY COUNTY PA										
MG 225	17.29	<.2	7.5	625	15.6	300	66.2	33.8	.9	15.5
MG 917	11.97	<.2	7.4	513	15.4	260	62.9	24.9	.9	12.9
	11.97	<.2	7.4	513	15.4	260	63.5	25.7	.9	13.8
	11.97	<.2	7.4	513	15.4	--	--	--	--	--
MG 1449	10.49	1.9	7.8	410	13.8	150	36.4	13.8	.8	34.6
MG 1712	6.81	4.2	7.7	295	14.0	130	40.2	7.02	.5	9.8
MG 1713	57.72	6.6	7.7	334	13.4	150	47.9	7.12	.8	9.3
MG 1714	74.20	6.0	7.6	401	13.8	180	36.8	21.7	.8	11.3
MG 1715	21.00	3.6	7.5	479	13.2	230	49.5	25.2	1.0	11.2
MG 1724	31.07	7.2	6.3	329	13.8	120	35.9	8.49	.9	16.6
MG 1726	24.64	4.5	7.4	463	13.0	200	63.3	10.6	1.0	18.2
	24.64	4.5	7.4	463	13.0	--	--	--	--	--
	24.64	4.5	7.4	463	13.0	--	--	--	--	--
MG 1728	-1.35	1.2	7.6	514	11.8	240	54.1	25.9	.9	11.0
HUNTERDON COUNTY NJ										
190020	18.07	3.3	8.0	282	12.4	110	22.5	12.7	.6	11.1
190074	41.47	5.3	7.1	360	14.0	190	55.2	13.8	1.0	11.6
190083	40.22	.4	7.4	463	14.0	220	50.3	23.9	1.0	14.8
190251	6.64	4.2	6.9	538	16.6	220	67.7	11.6	2.2	21.7
	6.64	4.2	6.9	538	16.6	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)
BERKS COUNTY PA										
BE 1698	126	10.0	<.1	29.7	11.1	E.10	.027	3.77	<.010	.205
BE 1699	243	58.0	<.1	13.8	38.9	E.10	<.020	7.86	<.010	.040
	243	--	--	--	--	--	--	--	--	--
	243	--	--	--	--	--	--	--	--	--
BUCKS COUNTY PA										
BK 1411	74	20.4	<.1	16.7	24.0	E.10	<.020	3.98	<.010	.159
BK 1865	203	12.1	.1	20.0	35.6	E.10	.034	<.050	<.010	--
BK 2048	112	3.5	.3	25.6	8.6	<.10	.021	.382	<.010	.080
BK 2823	138	19.8	<.1	16.8	21.4	E.10	<.020	2.49	<.010	.034
	138	20.0	<.1	16.8	21.4	--	--	--	--	--
	138	--	--	--	--	--	--	--	--	--
	138	--	--	--	--	--	--	--	--	--
BK 2954	103	9.0	<.1	14.7	15.5	.13	<.020	4.68	<.010	.113
BK 2955	140	36.4	<.1	28.5	9.6	<.10	<.020	3.35	<.010	.288
BK 2956	30	25.8	<.1	23.1	13.5	<.10	<.020	2.78	<.010	.098
BK 2958	167	29.5	.1	21.2	56.2	E.10	<.020	.125	<.010	--
BK 2960	44	57.9	<.1	24.9	<.3	<.10	<.020	7.09	<.010	.267
CHESTER COUNTY PA										
CH 1567	101	42.1	<.1	21.3	11.9	<.10	<.020	4.29	<.010	.172
LEHIGH COUNTY PA										
LE 1418	196	46.5	<.1	11.8	40.7	<.10	<.020	1.87	<.010	.074
MONTGOMERY COUNTY PA										
MG 225	228	30.5	<.1	21.7	58.6	E.10	.039	<.050	<.010	.064
MG 917	245	10.4	.1	21.4	35.3	.40	.031	.199	<.010	1.91
	245	10.5	<.1	21.8	34.7	.10	<.020	.191	<.010	1.92
	245	--	--	--	--	--	--	--	--	--
MG 1449	145	23.4	<.1	18.1	19.9	E.10	<.020	3.10	<.010	.071
MG 1712	105	10.4	<.1	16.1	21.1	<.10	<.020	2.81	<.010	.132
MG 1713	107	15.8	<.1	19.0	13.9	<.10	<.020	5.00	<.010	.132
MG 1714	170	5.7	<.1	22.1	19.9	<.10	<.020	2.71	<.010	.126
MG 1715	196	13.5	<.1	21.3	18.5	E.10	<.020	6.30	<.010	.049
MG 1724	83	30.4	.1	32.0	16.7	<.10	<.020	3.42	<.010	.846
MG 1726	152	41.0	<.1	17.5	12.6	.16	<.020	3.07	<.010	.092
	152	--	--	--	--	--	--	--	--	--
	152	--	--	--	--	--	--	--	--	--
MG 1728	155	39.1	.1	16.3	32.1	<.10	<.020	3.29	<.010	--
HUNTERDON COUNTY NJ										
190020	113	6.1	<.1	19.8	10.9	E.10	<.020	3.35	<.010	.104
190074	133	26.3	<.1	23.9	28.8	E.10	.021	2.89	<.010	.147
190083	223	7.5	.2	22.7	18.7	<.10	<.020	.203	<.010	--
190251	148	50.4	.1	24.7	52.1	<.10	<.020	.887	.018	.049
	148	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINC

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	ALUM-INUM, DIS-SOLVED (µG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (µG/L AS SB) (01095)	ARSENIC DIS-SOLVED (µG/L AS AS) (01000)	BARIUM, DIS-SOLVED (µG/L AS BA) (01005)
BERKS COUNTY PA										
BE 1698	.079	.067	.40	192	199	0	<1	<1	2.2	376
BE 1699	.004	.013	1.1	450	433	0	<1	<1	<2.0	290
	--	--	1.1	--	--	0	--	--	--	--
	--	--	--	--	--	0	--	--	--	--
BUCKS COUNTY PA										
BK 1411	.071	.052	.70	218	179	0	<1	<1	<1.0	59
BK 1865	.012	<.010	.61	257	275	0	<1	<1	3.8	20
BK 2048	.029	.026	.40	157	155	0	<1	<1	2.9	149
BK 2823	.013	.011	.54	219	216	1	<1	<1	4.6	291
	--	--	--	215	204	1	--	--	--	--
	--	--	--	--	--	1	<1	<1	4.6	288
	--	--	--	--	--	1	--	--	--	--
BK 2954	.034	.037	1.0	190	172	0	<1	<1	1.7	304
BK 2955	.102	.094	.60	262	255	6	<1	<1	<1.0	739
BK 2956	.055	.032	.40	134	130	0	<1	<1	1.3	268
BK 2958	E.004	<.010	.79	316	304	1	<1	<1	6.3	122
BK 2960	.118	.087	.42	257	--	7	<1	<1	<2.0	240
CHESTER COUNTY PA										
CH 1567	.066	.056	.30	273	229	0	<1	<1	<1.0	433
LEHIGH COUNTY PA										
LE 1418	.006	.024	.60	336	342	13	<1	<1	4.5	173
MONTGOMERY COUNTY PA										
MG 225	.024	.021	.90	378	365	4	<1	<1	5.1	136
MG 917	--	.624	1.4	329	319	1	<1	<1	5.3	342
	.703	.626	--	328	321	1	--	--	--	--
	--	--	--	--	--	1	<1	<1	4.0	357
MG 1449	.015	.023	.50	249	248	1	<1	<1	3.9	272
MG 1712	.052	.043	.10	203	181	0	<1	<1	<1.0	183
MG 1713	.057	.043	.40	220	201	1	2	<1	2.7	349
MG 1714	.014	.041	.50	244	233	0	<1	<1	17.3	205
MG 1715	.014	.016	.60	287	286	3	<1	<1	4.3	377
MG 1724	.251	.276	.50	224	207	2	<1	<1	<1.0	319
MG 1726	.036	.030	.64	282	270	1	<1	<1	5.4	503
	--	--	.59	--	--	1	--	--	--	--
	--	--	--	--	--	1	--	--	--	--
MG 1728	E.004	<.010	.36	297	287	0	<1	<1	2.3	151
HUNTERDON COUNTY NJ										
190020	.031	.034	--	192	167	0	<1	<1	25.4	97
190074	.037	.048	.50	282	254	0	<1	<1	1.2	203
190083	.021	<.010	.70	274	274	2	<1	<1	4.0	272
190251	.007	.016	.80	342	324	3	1	<1	2.8	98
	--	--	--	--	--	3	2	<1	2.9	99

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	BERYL-LIUM, DIS-SOLVED (µG/L AS BE) (01010)	BORON, DIS-SOLVED (µG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (µG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (µG/L AS CR) (01030)	COBALT, DIS-SOLVED (µG/L AS CO) (01035)	COPPER, DIS-SOLVED (µG/L AS CU) (01040)	IRON, DIS-SOLVED (µG/L AS FE) (01046)	LEAD, DIS-SOLVED (µG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)
BERKS COUNTY PA										
BE 1698	<1	<16	.04	<1.0	<1.0	<1	1	<10	<1	<1
BE 1699	<1	26	.05	<1.0	<.8	<1	2	<10	<1	<1
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
BUCKS COUNTY PA										
BK 1411	<1	16	.02	<1.0	<1.0	<1	23	E10	<1	<1
BK 1865	<1	17	.05	<1.0	<.8	<1	<1	50	2	71
BK 2048	<1	63	.03	<1.0	<1.0	<1	3	<10	<1	<1
BK 2823	<1	18	.03	<1.0	<.8	<1	4	<10	<1	<1
	--	--	.03	--	--	--	--	<10	--	<2
	<1	--	--	<1.0	<.8	<1	4	--	<1	<1
	--	--	--	--	--	--	--	--	--	--
BK 2954	<1	E15	.03	<1.0	<1.0	<1	1	<10	<1	<1
BK 2955	<1	19	.08	<1.0	--	<1	50	E10	<1	1
BK 2956	<1	E14	.03	<1.0	<1.0	<1	28	<10	2	1
BK 2958	<1	36	.04	<1.0	<.8	<1	1	50	<1	25
BK 2960	<1	37	.05	<1.0	<.8	<1	9	<10	<1	2
CHESTER COUNTY PA										
CH 1567	<1	E10	.09	<1.0	<1.0	<1	4	<10	2	<1
LEHIGH COUNTY PA										
LE 1418	<1	--	.03	<1.0	<1.0	<1	10	E10	<1	2
MONTGOMERY COUNTY PA										
MG 225	<1	51	.11	<1.0	<1.0	<1	<1	40	<1	127
MG 917	<1	21	.03	<1.0	<1.0	<1	<1	260	<1	335
	--	24	.06	--	--	--	--	260	--	--
	<1	--	--	<1.0	<1.0	<1	<1	--	<1	326
MG 1449	<1	57	.06	<1.0	<.8	<1	<1	<10	<1	<1
MG 1712	<1	34	.03	<1.0	--	<1	2	<10	<1	<1
MG 1713	<1	22	.03	<1.0	<1.0	<1	2	<10	1	<1
MG 1714	<1	38	.04	<1.0	<1.0	<1	2	<10	<1	<1
MG 1715	<1	48	.04	<1.0	<1.0	<1	2	<10	<1	<1
MG 1724	<1	E12	.04	<1.0	--	<1	24	<10	1	<1
MG 1726	<1	30	.05	<1.0	<.8	<1	3	<10	1	<1
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
MG 1728	<1	20	.03	<1.0	<.8	<1	2	<10	<1	<1
HUNTERDON COUNTY NJ										
190020	<1	233	.03	<1.0	<1.0	<1	2	<10	1	<1
190074	<1	E10	.03	<1.0	<1.0	<1	<1	<10	<1	<1
190083	<1	35	.04	<1.0	<1.0	<1	1	E10	2	1
190251	<1	<16	.08	<1.0	<1.0	1	<1	<10	<1	480
	<1	--	--	<1.0	<1.0	1	<1	--	<1	492

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	MOLYB-DENUM, DIS-SOLVED (µG/L AS MO) (01060)	NICKEL, DIS-SOLVED (µG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (µG/L AS SE) (01145)	SILVER, DIS-SOLVED (µG/L AS AG) (01075)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)	ACETO-CHLOR ESA FLTRD 0.7 µM GF REC (µG/L) (61029)	ACETO-CHLOR OA FLTRD 0.7 µM GF REC (µG/L) (61030)	ACETO-CHLOR, WATER FLTRD REC (µG/L) (49260)	ALA-CHLOR OA FLTRD 0.7 µM GF REC (µG/L) (61031)	ALA-CHLOR, (ESA) WAT FLT GF 0.7U REC (µG/L) (50009)
BERKS COUNTY PA										
BE 1698	<1	<1	<1.0	<1	<1	<.05	<.05	<.002	<.05	.110
BE 1699	<1	1	<2.4	<1	12	<.05	<.05	<.002	<.05	.140
	--	--	--	--	--	<.05	<.05	<.002	<.05	.140
	--	--	--	--	--	--	--	--	--	--
BUCKS COUNTY PA										
BK 1411	<1	2	<1.0	<1	253	<.05	<.05	<.002	<.05	<.050
BK 1865	1	1	<2.4	<1	2	<.05	<.05	<.002	<.05	<.050
BK 2048	1	<1	2.7	<1	2	<.05	<.05	<.002	<.05	<.050
BK 2823	8	<1	<2.4	<1	102	<.05	<.05	<.002	<.05	.160
	--	--	--	--	--	--	--	--	--	--
	8	<1	<2.4	<1	101	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
BK 2954	2	<1	1.3	<1	8	<.05	<.05	<.002	<.05	<.050
BK 2955	<1	2	<1.0	<1	2	<.05	<.05	<.002	<.05	<.050
BK 2956	<1	3	1.2	<1	9	<.05	<.05	<.002	<.05	<.050
BK 2958	11	<1	<2.4	<1	5	<.05	<.05	<.002	<.05	<.050
BK 2960	<1	3	<2.4	<1	2	<.05	<.05	<.002	<.05	<.050
CHESTER COUNTY PA										
CH 1567	<1	1	<1.0	<1	1	<.05	<.05	<.002	<.05	<.050
LEHIGH COUNTY PA										
LE 1418	2	1	<1.0	<1	35	<.05	<.05	<.002	<.05	<.050
MONTGOMERY COUNTY PA										
MG 225	6	1	<1.0	<1	<1	<.05	<.05	<.002	<.05	<.050
MG 917	2	2	5.4	<1	4	<.05	<.05	<.002	<.05	.120
	--	--	--	--	--	--	--	--	--	--
	1	<1	<1.0	<1	4	--	--	--	--	--
MG 1449	1	<1	<2.4	<1	<1	<.05	<.05	<.002	<.05	.340
MG 1712	2	<1	<1.0	<1	<1	--	--	<.002	--	--
MG 1713	<1	<1	<1.0	<1	<1	<.05	<.05	<.002	<.05	2.42
MG 1714	9	<1	<1.0	<1	1	<.05	<.05	<.002	<.05	.050
MG 1715	<1	<1	2.0	<1	<1	<.05	<.05	<.002	<.05	.600
MG 1724	<1	2	<1.0	<1	3	<.05	<.05	<.002	--	<.050
MG 1726	1	1	<2.4	<1	10	<.05	<.05	<.002	<.05	.150
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
MG 1728	4	<1	<2.4	<1	2	.15	<.05	<.002	<.05	.060
HUNTERDON COUNTY NJ										
190020	2	<1	<1.0	<1	17	<.05	<.05	<.002	<.05	.620
190074	<1	<1	<1.0	<1	9	--	--	<.002	--	--
190083	<1	2	<1.0	<1	363	<.05	<.05	<.002	<.05	<.050
190251	1	2	<1.0	<1	3	.43	<.05	<.002	<.05	1.41
	1	2	<1.0	<1	4	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL	ALA-CHLOR, WATER, DISS, REC, (µG/L) (46342)	ATRA-ZINE, WATER, DISS, REC (µG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 µ GF, REC (µG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (µG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 µ GF, REC (µG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 µ GF, REC (µG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (µG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (µG/L) (04041)	DCPA WATER FLTRD 0.7 µ GF, REC (µG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (µG/L) (04040)
BERKS COUNTY PA										
BE 1698	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.013
BE 1699	<.002	.041	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.069
	<.002	.039	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.078
	--	--	--	--	--	--	--	--	--	--
BUCKS COUNTY PA										
BK 1411	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
BK 1865	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
BK 2048	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
BK 2823	<.002	E.002	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.004
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
BK 2954	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.005
BK 2955	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
BK 2956	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.003
BK 2958	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
BK 2960	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.015
CHESTER COUNTY PA										
CH 1567	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
LEHIGH COUNTY PA										
LE 1418	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
MONTGOMERY COUNTY PA										
MG 225	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
MG 917	<.002	.005	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.009
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
MG 1449	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	E.004	E.010
MG 1712	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.006
MG 1713	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.005
MG 1714	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
MG 1715	<.002	.007	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.021
MG 1724	<.002	.005	<.002	<.002	E.004	<.003	<.004	<.004	<.002	E.004
MG 1726	<.002	E.004	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.007
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
MG 1728	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
HUNTERDON COUNTY NJ										
190020	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
190074	<.002	E.003	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.024
190083	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.003
190251	<.002	.058	<.002	<.002	<.003	<.003	<.004	<.009	<.002	E.076
	--	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	DI-AZINON, DIS-SOLVED (µG/L) (39572)	DI-ELDRIN DIS-SOLVED (µG/L) (39381)	EPTC WATER FLTRD 0.7 µ GF, REC (µG/L) (82668)	FONOFOS WATER DISS REC (µG/L) (04095)	LINDANE DIS-SOLVED (µG/L) (39341)	LIN-URON WATER FLTRD 0.7 µ GF, REC (µG/L) (82666)	MALA-THION, DIS-SOLVED (µG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 µ GF, REC (µG/L) (82686)	METOLA-CHLOR ESA FLTRD 0.7 µM GF REC (µG/L) (61043)	METOLA-CHLOR OA FLTRD 0.7 µM GF REC (µG/L) (61044)
BERKS COUNTY PA										
BE 1698	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.44	<.05
BE 1699	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	2.06	.66
	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	2.00	.65
	--	--	--	--	--	--	--	--	--	--
BUCKS COUNTY PA										
BK 1411	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
BK 1865	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
BK 2048	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
BK 2823	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.06	<.05
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
BK 2954	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.90	.13
BK 2955	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
BK 2956	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.08	<.05
BK 2958	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
BK 2960	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
CHESTER COUNTY PA										
CH 1567	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
LEHIGH COUNTY PA										
LE 1418	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
MONTGOMERY COUNTY PA										
MG 225	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
MG 917	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.07	<.05
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
MG 1449	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.10	<.05
MG 1712	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	--	--
MG 1713	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	1.56	.32
MG 1714	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.12	<.05
MG 1715	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	1.39	.32
MG 1724	E.001	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
MG 1726	<.002	<.001	<.010	E.003	<.004	<.002	<.005	<.001	1.14	<.05
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
MG 1728	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
HUNTERDON COUNTY NJ										
190020	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.09	<.05
190074	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	--	--
190083	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
190251	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	5.54	1.05
	--	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	METO-LACHLOR WATER DISSOLV (µG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (µG/L) (82630)	NAPROP-AMIDE WATER FLTRD 0.7 µ GF, REC (µG/L) (82684)	P,P' DDE DISSOLV (µG/L) (34653)	PENDI-METH-ALIN WAT FLT 0.7 µ GF, REC (µG/L) (82683)	PRO-METON, WATER, DISS, REC (µG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 µ GF, REC (µG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (µG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 µ GF, REC (µG/L) (82679)
BERKS COUNTY PA									
BE 1698	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
BE 1699	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--
BUCKS COUNTY PA									
BK 1411	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
BK 1865	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
BK 2048	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
BK 2823	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	.007	<.004	<.003	<.006	<.004	E.006	<.003	<.007	<.004
BK 2955	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
BK 2956	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
BK 2958	<.002	<.004	<.003	<.006	<.004	E.008	<.003	<.007	<.004
BK 2960	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
CHESTER COUNTY PA									
CH 1567	<.002	<.004	<.003	E.001	<.004	<.018	<.003	<.007	<.004
LEHIGH COUNTY PA									
LE 1418	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MONTGOMERY COUNTY PA									
MG 225	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MG 917	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	.004	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MG 1712	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MG 1713	.006	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MG 1714	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MG 1715	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
MG 1724	E.004	<.004	<.003	<.006	<.004	<.018	<.003	<.007	E.002
MG 1726	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1728	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
HUNTERDON COUNTY NJ									
190020	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
190074	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
190083	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
190251	.064	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	SI-MAZINE, WATER, DISS, REC (µG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 µ GF, REC (µG/L) (82670)	TER-BACIL WATER FLTRD 0.7 µ GF, REC (µG/L) (82665)	TER-BUTHYL-AZINE, WATER, DISS, REC (µG/L) (04022)	TRIAL-LATE WATER FLTRD 0.7 µ GF, REC (µG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µG/L) (82661)	1,1,1-TRI-CHLORO-ETHANE TOTAL (µG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (µG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (µG/L) (34496)
BERKS COUNTY PA									
BE 1698	<.005	<.010	<.007	--	<.001	<.002	E.01	<.06	<.07
BE 1699	E.004	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
	E.004	<.010	<.007	--	<.001	<.002	--	--	--
	--	--	--	--	--	--	<.03	<.06	<.07
BUCKS COUNTY PA									
BK 1411	<.005	<.010	<.007	--	<.001	<.002	E.01	<.06	<.07
BK 1865	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
BK 2048	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
BK 2823	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	.204	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
BK 2955	<.005	<.077	<.007	--	<.001	<.002	.21	E.03	<.07
BK 2956	<.008	<.010	<.007	--	<.001	<.002	E.05	<.06	<.07
BK 2958	E.004	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
BK 2960	<.005	<.010	<.007	--	<.001	<.002	E.06	<.06	E.05
CHESTER COUNTY PA									
CH 1567	<.005	<.010	<.007	--	<.001	<.002	E.05	<.06	<.07
LEHIGH COUNTY PA									
LE 1418	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
MONTGOMERY COUNTY PA									
MG 225	<.005	<.077	<.007	--	<.001	<.002	<.03	<.06	E.07
MG 917	<.005	<.077	<.007	--	<.001	<.002	<.03	<.06	.54
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	<.005	<.010	<.007	--	<.001	<.002	E.02	<.06	<.07
MG 1712	<.005	<.010	<.007	--	<.001	<.002	E.01	<.06	<.07
MG 1713	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
MG 1714	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
MG 1715	<.005	<.010	<.007	--	<.001	<.002	.26	<.06	<.07
MG 1724	<.005	<.010	<.007	--	<.001	E.004	.33	<.06	<.07
MG 1726	<.005	<.010	<.007	--	E.003	E.001	<.03	<.06	<.07
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	<.03	<.06	<.07
MG 1728	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
HUNTERDON COUNTY NJ									
190020	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
190074	<.005	<.010	<.007	--	<.001	<.002	E.01	<.06	<.07
190083	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
190251	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	1,1-DI-CHLORO-ETHYL-ENE TOTAL (µG/L) (34501)	1,2-DI-CHLORO-PROPANE TOTAL (µG/L) (34541)	ACETONE WATER WHOLE TOTAL (µG/L) (81552)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (µG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (µG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (µG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (µG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34571)
BERKS COUNTY PA									
BE 1698	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
BE 1699	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--
	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
BUCKS COUNTY PA									
BK 1411	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
BK 1865	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
BK 2048	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
BK 2823	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
BK 2955	E.02	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
BK 2956	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
BK 2958	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
BK 2960	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
CHESTER COUNTY PA									
CH 1567	<.04	<.07	<5	<.1	<.2	<.06	<.04	E.01	<.05
LEHIGH COUNTY PA									
LE 1418	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
MONTGOMERY COUNTY PA									
MG 225	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
MG 917	.18	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	E.02	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
MG 1712	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
MG 1713	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
MG 1714	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
MG 1715	.10	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
MG 1724	.13	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
MG 1726	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--
	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
MG 1728	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
HUNTERDON COUNTY NJ									
190020	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
190074	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
190083	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
190251	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINC

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	ISO-PROPYL-BENZENE WATER WHOLE REC (µG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (µG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (µG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34536)	BENZENE TOTAL (µG/L) (34030)	BROMO-FORM TOTAL (µG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (µG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (µG/L) (32102)	CHLORO-BENZENE TOTAL (µG/L) (34301)
BERKS COUNTY PA									
BE 1698	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
BE 1699	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
	--	--	--	--	--	--	--	--	--
	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
BUCKS COUNTY PA									
BK 1411	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
BK 1865	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
BK 2048	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
BK 2823	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
BK 2955	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
BK 2956	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
BK 2958	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
BK 2960	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
CHESTER COUNTY PA									
CH 1567	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
LEHIGH COUNTY PA									
LE 1418	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
MONTGOMERY COUNTY PA									
MG 225	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
MG 917	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	<.03	<.2	<.04	<.05	<.04	E.07	<.07	<.06	<.03
MG 1712	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
MG 1713	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
MG 1714	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
MG 1715	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
MG 1724	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
MG 1726	<.03	<.2	<.04	<.05	<.04	.25	<.07	E.04	<.03
	--	--	--	--	--	--	--	--	--
	<.03	<.2	<.04	<.05	<.04	.22	<.07	E.04	<.03
MG 1728	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
HUNTERDON COUNTY NJ									
190020	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
190074	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
190083	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
190251	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	CHLORO-DI-BROMO-METHANE TOTAL (µG/L) (32105)	CHLORO-ETHANE TOTAL (µG/L) (34311)	CHLORO-FORM TOTAL (µG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (µG/L) (77093)	BROMO-DI-CHLORO-METHANE TOTAL (µG/L) (32101)	ETHER ETHYL WATER UNFLTRD RECOVER (µG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (µG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (µG/L) (50005)	ETHYL-BENZENE TOTAL (µG/L) (34371)
BERKS COUNTY PA									
BE 1698	<.2	<.1	E.01	<.04	<.05	<.2	<.05	<.1	<.03
BE 1699	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--
	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
BUCKS COUNTY PA									
BK 1411	<.2	<.1	E.01	<.04	<.05	<.2	<.05	<.1	<.03
BK 1865	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
BK 2048	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
BK 2823	<.2	<.1	E.05	<.04	<.05	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
BK 2955	<.2	<.1	.17	<.04	<.05	<.2	<.05	<.1	<.03
BK 2956	<.2	<.1	E.04	<.04	<.05	<.2	<.05	<.1	<.03
BK 2958	<.2	<.1	<.05	E.04	<.05	<.2	<.05	<.1	<.03
BK 2960	<.2	<.1	.15	<.04	<.05	<.2	<.05	<.1	<.03
CHESTER COUNTY PA									
CH 1567	<.2	<.1	.23	<.04	<.05	<.2	<.05	<.1	<.03
LEHIGH COUNTY PA									
LE 1418	<.2	<.1	E.03	<.04	<.05	<.2	<.05	<.1	<.03
MONTGOMERY COUNTY PA									
MG 225	<.2	<.1	<.05	E.02	<.05	<.2	<.05	<.1	<.03
MG 917	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	M	<.1	.13	<.04	E.03	<.2	<.05	<.1	<.03
MG 1712	<.2	<.1	E.01	<.04	<.05	<.2	<.05	<.1	<.03
MG 1713	<.2	M	3.30	<.04	<.05	<.2	<.05	<.1	<.03
MG 1714	<.2	<.1	E.02	<.04	<.05	<.2	<.05	<.1	<.03
MG 1715	<.2	<.1	E.01	<.04	<.05	<.2	<.05	<.1	<.03
MG 1724	<.2	<.1	1.15	<.04	E.08	<.2	<.05	<.1	<.03
MG 1726	E.1	<.1	3.94	<.04	E.05	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--
	E.1	<.1	3.75	<.04	E.05	<.2	<.05	<.1	<.03
MG 1728	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
HUNTERDON COUNTY NJ									
190020	<.2	<.1	E.04	<.04	<.05	<.2	<.05	<.1	<.03
190074	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
190083	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
190251	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	FREON-113 WATER UNFLTRD REC (µG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (µG/L) (81607)	ISO-DURENE WATER UNFLTRD RECOVER (µG/L) (50000)	METHYL TERT-BUTYL ETHER WAT UNF REC (µG/L) (78032)	METHYL-CHLO-RIDE TOTAL (µG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (µG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (µG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (µG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (µG/L) (85795)
BERKS COUNTY PA									
BE 1698	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
BE 1699	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--
	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
BUCKS COUNTY PA									
BK 1411	<.03	<9	M	E.1	<.2	<.4	<2	<.4	<.06
BK 1865	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
BK 2048	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
BK 2823	<.06	<2	<.2	E.1	<.5	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	<.03	<9	<.2	E.1	<.2	<.4	<2	<.4	<.06
BK 2955	E.04	<9	<.2	E.2	<.2	<.4	<2	<.4	<.06
BK 2956	<.03	<9	<.2	.2	<.2	<.4	<2	<.4	<.06
BK 2958	<.06	<2	<.2	M	<.5	<.4	<2	<.4	<.06
BK 2960	<.06	<2	<.2	E.1	<.5	<.4	<2	<.4	<.06
CHESTER COUNTY PA									
CH 1567	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
LEHIGH COUNTY PA									
LE 1418	<.06	<2	<.2	E.1	<.5	<.4	<2	<.4	<.06
MONTGOMERY COUNTY PA									
MG 225	<.03	<9	<.2	E.1	<.2	<.4	<2	<.4	<.06
MG 917	<.03	<9	<.2	E.1	<.2	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
MG 1712	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
MG 1713	<.03	<9	<.2	<.2	<.2	E.1	<2	<.4	<.06
MG 1714	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
MG 1715	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
MG 1724	<.03	<9	<.2	E.1	<.2	<.4	<2	<.4	<.06
MG 1726	<.06	<2	<.2	E.1	<.5	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--
	<.06	<2	<.2	E.1	<.5	<.4	<2	<.4	<.06
MG 1728	<.06	<2	<.2	M	<.5	<.4	<2	<.4	<.06
HUNTERDON COUNTY NJ									
190020	<.03	<9	<.2	<.2	M	<.4	<2	<.4	<.06
190074	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
190083	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
190251	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	NAPHTH-ALENE TOTAL (µG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (µG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (µG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (µG/L) (77356)	STYRENE TOTAL (µG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (µG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (µG/L) (77220)	TOLUENE TOTAL (µG/L) (34010)	TRI-CHLORO-ETHYL-ENE TOTAL (µG/L) (39180)
BERKS COUNTY PA									
BE 1698	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	<.04
BE 1699	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04
	--	--	--	--	--	--	--	--	--
	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04
BUCKS COUNTY PA									
BK 1411	E.1	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
BK 1865	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04
BK 2048	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	<.04
BK 2823	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
BK 2954	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
BK 2955	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	E.03
BK 2956	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	<.04
BK 2958	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	E.08
BK 2960	<.2	<.04	<.04	<.07	<.04	M	<.06	1.05	.18
CHESTER COUNTY PA									
CH 1567	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	.14
LEHIGH COUNTY PA									
LE 1418	<.2	<.04	<.04	<.07	<.04	M	<.06	<.05	<.04
MONTGOMERY COUNTY PA									
MG 225	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
MG 917	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
MG 1449	<.2	<.04	<.04	<.07	<.04	M	<.06	<.05	E.03
MG 1712	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
MG 1713	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
MG 1714	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
MG 1715	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	E.02
MG 1724	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	E.02
MG 1726	<.2	<.04	<.04	<.07	<.04	M	<.06	<.05	<.04
	--	--	--	--	--	--	--	--	--
	<.2	<.04	<.04	<.07	<.04	M	<.06	<.05	<.04
MG 1728	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04
HUNTERDON COUNTY NJ									
190020	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
190074	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
190083	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
190251	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	TRI-CHLORO-FLUORO-METHANE TOTAL (µG/L) (34488)	ALPHA RADIO. WATER DISS AS TH-230 (PCI/L) (04126)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)	RADIUM 226, DIS-SOLVED (PCI/L) (09503)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	RA-224 WATER FLTRD (PCI/L) (50833)	RADON 222 TOTAL (PCI/L) (82303)	URANIUM NATURAL DIS-SOLVED (µG/L AS U) (22703)	MEDIUM CODE
BERKS COUNTY PA									
BE 1698	<.09	<3.00	<4.00	<1.00	<1.00	<1.00	2040	<1	6
BE 1699	<.09	<3.00	<4.00	<1.00	1.45	<1.00	1400	4	6
	--	--	--	--	--	--	--	--	S
	<.09	--	--	--	--	--	--	--	S
BUCKS COUNTY PA									
BK 1411	<.09	<3.00	8.48	<1.00	<1.00	<1.00	1100	<1	6
BK 1865	<.09	31.7	13.5	7.59	2.53	<1.00	1750	6	6
BK 2048	<.09	19.3	13.3	<1.00	<1.00	<1.00	3550	4	6
BK 2823	<.09	7.11	6.17	<1.00	<1.00	<1.00	1740	6	6
	--	--	--	--	--	--	1730	--	S
	--	--	--	--	--	--	--	6	S
	--	7.12	5.28	<1.00	1.82	<1.00	--	--	S
BK 2954	<.09	4.88	<4.00	<1.00	<1.00	<1.00	1800	3	6
BK 2955	<.09	<3.00	<4.00	<1.00	<1.00	<1.00	1170	<1	6
BK 2956	.25	5.03	<4.00	<1.00	<1.00	<1.00	5010	<1	6
BK 2958	<.09	<3.00	<4.00	<1.00	<1.00	<1.00	566	3	6
BK 2960	<.09	<3.00	4.83	<1.00	1.09	<1.00	1810	<1	6
CHESTER COUNTY PA									
CH 1567	<.09	4.06	4.75	<1.00	<1.00	<1.00	1660	<1	6
LEHIGH COUNTY PA									
LE 1418	<.09	4.27	4.07	<1.00	<1.00	<1.00	375	2	6
MONTGOMERY COUNTY PA									
MG 225	<.09	4.45	<4.00	<1.00	<1.00	<1.00	1750	5	6
MG 917	<.09	<3.00	<4.00	<1.00	<1.00	<1.00	1700	3	6
	--	--	--	--	--	--	1700	--	S
	--	--	--	--	--	--	--	3	S
MG 1449	E.04	8.56	<4.00	<1.00	<1.00	<1.00	1830	4	6
MG 1712	<.09	6.54	<4.00	<1.00	<1.00	<1.00	2100	7	6
MG 1713	<.09	10.8	5.12	<1.00	<1.00	<1.00	2150	2	6
MG 1714	<.09	6.72	<4.00	<1.00	<1.00	<1.00	2560	4	6
MG 1715	<.09	4.76	<4.00	<1.00	<1.00	<1.00	2280	3	6
MG 1724	.14	3.43	<4.00	<1.00	<1.00	<1.00	2190	<1	6
MG 1726	<.09	6.69	<4.00	<1.00	1.16	<1.00	2900	8	6
	--	--	--	--	--	--	--	--	S
	<.09	--	--	--	--	--	--	--	S
MG 1728	<.09	20.7	14.6	<1.00	<1.00	<1.00	4560	4	6
HUNTERDON COUNTY NJ									
190020	<.09	<3.00	<4.00	<1.00	<1.00	<1.00	2560	2	6
190074	<.09	3.17	5.85	<1.00	<1.00	<1.00	2730	3	6
190083	<.09	9.61	8.15	<1.00	1.21	<1.00	1020	2	6
190251	<.09	3.93	4.53	<1.00	<1.00	<1.00	2650	2	6
	--	--	--	--	--	--	--	2	S

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	STATION NUMBER	DATE	TIME	SAMPLE TYPE	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH OF WELL, TOTAL (FEET) (72008)
			HUNTERDON COUNTY NJ					
190251	402151074525301	07-21-99	1101	REPLICATE	80020	1028	405	299.00
			MERCER COUNTY NJ					
210284	401734074470301	10-12-99	1200	ENVIRONMENTAL	80020	1028	200	63.00
210556	401658074505001	04-14-99	1600	ENVIRONMENTAL	80020	1028	70.0	125.00
		06-08-99	1300	ENVIRONMENTAL	1028	1028	70.0	125.00
210569	401458074501101	07-29-99	1200	ENVIRONMENTAL	80020	1028	30.0	66.00
		07-29-99	1201	REPLICATE	80020	1028	30.0	66.00

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)
				HUNTERDON COUNTY NJ						
190251	6.64	4.2	6.9	538	16.6	220	67.1	11.8	2.3	21.4
				MERCER COUNTY NJ						
210284	11.21	.2	7.7	601	16.2	250	56.4	26.5	3.8	25.3
210556	14.24	5.5	7.2	434	12.6	180	45.6	15.3	<.1	18.5
	--	5.2	7.1	241	13.0	--	--	--	--	--
210569	--	4.5	6.4	263	14.0	100	26.9	8.36	1.2	11.3
	--	4.5	6.4	263	14.0	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)
				HUNTERDON COUNTY NJ						
190251	148	48.8	.1	24.6	51.3	E.10	<.020	.841	.020	.046
				MERCER COUNTY NJ						
210284	181	13.1	<.1	21.1	5.5	E.10	<.020	.118	<.010	.055
210556	115	39.6	.1	19.3	28.1	<.10	<.020	1.41	<.010	.067
	--	--	--	--	--	--	--	--	--	--
210569	71	18.0	<.1	19.7	19.6	E.10	<.020	2.37	<.010	.150
	71	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	ALUM-INUM, DIS-SOLVED (µG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (µG/L AS SB) (01095)	ARSENIC DIS-SOLVED (µG/L AS AS) (01000)	BARIUM, DIS-SOLVED (µG/L AS BA) (01005)
HUNTERDON COUNTY NJ										
190251	.008	.015	--	336	320	3	--	--	--	--
MERCER COUNTY NJ										
210284	.012	.018	.76	347	261	0	<1	<1	4.0	264
210556	.026	.022	.50	273	--	0	<1	<1	1.0	87
	--	--	--	--	--	0	--	--	--	--
210569	.059	.049	.30	164	159	0	<1	<1	<1.0	221
	--	--	--	--	--	0	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	BERYL-LIUM, DIS-SOLVED (µG/L AS BE) (01010)	BORON, DIS-SOLVED (µG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (µG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (µG/L AS CR) (01030)	COBALT, DIS-SOLVED (µG/L AS CO) (01035)	COPPER, DIS-SOLVED (µG/L AS CU) (01040)	IRON, DIS-SOLVED (µG/L AS FE) (01046)	LEAD, DIS-SOLVED (µG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)
HUNTERDON COUNTY NJ										
190251	--	--	.08	--	--	--	--	<10	--	434
MERCER COUNTY NJ										
210284	<1	93	.07	<1.0	<.8	<1	<1	E10	<1	18
210556	<1	63	.04	<1.0	<1.0	<1	6	<10	<1	<1
	--	--	--	--	--	--	--	--	--	--
210569	<1	27	.04	<1.0	<1.0	<1	8	<10	<1	<1
	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	MOLYB-DENUM, DIS-SOLVED (µG/L AS MO) (01060)	NICKEL, DIS-SOLVED (µG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (µG/L AS SE) (01145)	SILVER, DIS-SOLVED (µG/L AS AG) (01075)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)	ACETO-CHLOR ESA FLTRD 0.7 µM GF REC (µG/L) (61029)	ACETO-CHLOR OA FLTRD 0.7 µM GF REC (µG/L) (61030)	ACETO-CHLOR, WATER FLTRD REC (µG/L) (49260)	ALA-CHLOR OA FLTRD 0.7 µM GF REC (µG/L) (61031)	ALA-CHLOR, (ESA) WAT FLT GF 0.7U REC (µG/L) (50009)
HUNTERDON COUNTY NJ										
190251	--	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ										
210284	4	1	<2.4	<1	2	<.05	<.05	<.002	<.05	<.050
210556	9	<1	<1.0	<1	3	--	--	<.002	--	--
	--	--	--	--	--	--	--	--	--	--
210569	<1	<1	<1.0	<1	1	<.05	<.05	<.002	<.05	.120
	--	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	ALA-CHLOR, WATER, DISS, REC, (µG/L) (46342)	ATRA-ZINE, WATER, DISS, REC (µG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 µ GF, REC (µG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (µG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 µ GF, REC (µG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 µ GF, REC (µG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (µG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (µG/L) (04041)	DCPA WATER FLTRD 0.7 µ GF, REC (µG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (µG/L) (04040)
HUNTERDON COUNTY NJ										
190251	--	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ										
210284	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002
210556	<.002	.005	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.005
	--	--	--	--	--	--	--	--	--	--
210569	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.007
	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	DI-AZINON, DIS-SOLVED (µG/L) (39572)	DI-ELDRIN DIS-SOLVED (µG/L) (39381)	EPTC WATER FLTRD 0.7 µ GF, REC (µG/L) (82668)	FONOFOS WATER DISS REC (µG/L) (04095)	LINDANE DIS-SOLVED (µG/L) (39341)	LIN-URON WATER FLTRD 0.7 µ GF, REC (µG/L) (82666)	MALA-THION, DIS-SOLVED (µG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 µ GF, REC (µG/L) (82686)	METOLA-CHLOR ESA FLTRD 0.7 µM GF REC (µG/L) (61043)	METOLA-CHLOR OA FLTRD 0.7 µM GF REC (µG/L) (61044)
HUNTERDON COUNTY NJ										
190251	--	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ										
210284	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	<.05	<.05
210556	<.002	.031	<.002	<.003	<.004	<.002	<.005	<.001	--	--
	--	--	--	--	--	--	--	--	--	--
210569	<.002	<.001	<.002	<.003	<.004	<.002	<.005	<.001	.26	<.05
	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	METO-LACHLOR WATER DISSOLV (µG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (µG/L) (82630)	NAPROP-AMIDE WATER FLTRD 0.7 µ GF, REC (µG/L) (82684)	P,P' DDE DISSOLV (µG/L) (34653)	PENDI-METH-ALIN WAT FLT 0.7 µ GF, REC (µG/L) (82683)	PRO-METON, WATER, DISS, REC (µG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 µ GF, REC (µG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (µG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 µ GF, REC (µG/L) (82679)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.002	<.004	<.003	<.006	<.004	E.011	<.003	<.007	<.004
210556	E.003	<.004	<.003	<.006	<.004	E.014	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--
210569	<.002	<.004	<.003	<.006	<.004	<.018	<.003	<.007	<.004
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	SI-MAZINE, WATER, DISS, REC (µG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 µ GF, REC (µG/L) (82670)	TER-BACIL WATER FLTRD 0.7 µ GF, REC (µG/L) (82665)	TER-BUTHYL-AZINE, WATER, DISS, REC (µG/L) (04022)	TRIAL-LATE WATER FLTRD 0.7 µ GF, REC (µG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µG/L) (82661)	1,1,1-TRI-CHLORO-ETHANE TOTAL (µG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (µG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (µG/L) (34496)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.005	<.010	<.007	--	<.001	<.002	<.03	<.06	<.07
210556	.008	<.077	<.007	--	<.001	<.002	E.03	<.06	<.07
	--	--	--	--	--	--	--	--	--
210569	<.005	<.010	<.007	--	<.001	<.002	E.01	<.06	<.07
	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	1,1-DI-CHLORO-ETHYL-ENE TOTAL (µG/L) (34501)	1,2-DI-CHLORO-PROPANE TOTAL (µG/L) (34541)	ACETONE WATER WHOLE TOTAL (µG/L) (81552)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (µG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (µG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (µG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (µG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34571)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.04	<.07	<7	<.1	<.2	<.06	<.04	<.05	<.05
210556	<.04	<.07	E4	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--
210569	<.04	<.07	<5	<.1	<.2	<.06	<.04	<.05	<.05
	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	ISO-PROPYL-BENZENE WATER WHOLE REC (µG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (µG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (µG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34536)	BENZENE TOTAL (µG/L) (34030)	BROMO-FORM TOTAL (µG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (µG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (µG/L) (32102)	CHLORO-BENZENE TOTAL (µG/L) (34301)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.03	<.2	<.04	<.05	<.04	<.06	<.07	<.06	<.03
210556	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
	--	--	--	--	--	--	--	--	--
210569	<.03	<.2	<.04	<.05	<.10	<.10	<.37	<.09	<.03
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	CHLORO-DI-BROMO-METHANE TOTAL (µG/L) (32105)	CHLORO-ETHANE TOTAL (µG/L) (34311)	CHLORO-FORM TOTAL (µG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (µG/L) (77093)	BROMO-DI-CHLORO-METHANE TOTAL (µG/L) (32101)	ETHER ETHYL WATER UNFLTRD RECOVER (µG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (µG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (µG/L) (50005)	ETHYL-BENZENE TOTAL (µG/L) (34371)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1	<.03
210556	<.2	<.1	7.14	<.04	E.03	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--
210569	<.2	<.1	4.63	<.04	E.01	<.2	<.05	<.1	<.03
	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	FREON-113 WATER UNFLTRD REC (µG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (µG/L) (81607)	ISO-DURENE WATER UNFLTRD RECOVER (µG/L) (50000)	METHYL TERT-BUTYL ETHER WAT UNF REC (µG/L) (78032)	METHYL-CHLO-RIDE TOTAL (µG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (µG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (µG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (µG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (µG/L) (85795)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.06	<2	<.2	E.1	<.5	<.4	<2	<.4	<.06
210556	<.03	<9	<.2	<.2	<.2	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--
210569	<.03	<9	<.2	E.1	<.2	<.4	<2	<.4	<.06
	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	NAPHTH-ALENE TOTAL (µG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (µG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (µG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (µG/L) (77356)	STYRENE TOTAL (µG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (µG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (µG/L) (77220)	TOLUENE TOTAL (µG/L) (34010)	TRI-CHLORO-ETHYL-ENE TOTAL (µG/L) (39180)
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	--
MERCER COUNTY NJ									
210284	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04
210556	<.2	<.04	<.06	<.11	<.04	M	<.10	<.05	<.04
	--	--	--	--	--	--	--	--	--
210569	<.2	<.04	<.06	<.11	<.04	<.1	<.10	<.05	<.04
	--	--	--	--	--	--	--	--	--

GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
DELAWARE RIVER BASIN NAWQA PROJECT

GROUND WATER IN THE CLASTIC BEDROCK WITHIN THE TRIASSIC LOWLANDS SECTION OF THE PIEDMONT PHYSIOGRAPHIC PROVINCE

WATER-QUALITY DATA, WATER YEARS 1999 AND 2000

LOCAL ID	TRI-CHLORO-FLUORO-METHANE TOTAL (µG/L) (34488)	ALPHA RADIO. WATER DISS AS TH-230 (PCI/L) (04126)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)	RADIUM 226, DIS-SOLVED (PCI/L) (09503)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	RA-224 WATER FLTRD (PCI/L) (50833)	RADON 222 TOTAL (PCI/L) (82303)	URANIUM NATURAL DIS-SOLVED (µG/L AS U) (22703)	MEDIUM CODE
HUNTERDON COUNTY NJ									
190251	--	--	--	--	--	--	--	--	S
MERCER COUNTY NJ									
210284	<.09	5.45	<4.00	<1.00	<1.00	<1.00	813	4	6
210556	<.09	--	--	--	--	--	1970	<1	6
	--	<3.00	<4.00	<1.00	<1.00	<1.00	--	--	6
210569	<.09	3.63	<4.00	<1.00	<1.00	<1.00	1520	<1	6
	--	--	--	--	--	--	1590	--	S

WATER-QUALITY CONTROL DATA

As part of the water-quality sampling for the DELR NAWQA, an extensive quality-assurance plan was executed to ensure the integrity of the sample results. Quality-control samples were collected as blanks, including ambient, trip, source-solution, and equipment blanks; replicates; and spikes. These quality-control samples were analyzed for nutrients, major ions, trace elements, dissolved and volatile organic compounds, pesticides and their metabolites, and radioisotopes. Source-solution blanks were analyzed for volatile organic compounds (VOCs) and dissolved organic carbon (DOC), and spikes were analyzed for pesticides and VOCs.

The following summarizes the quality-control sample results: Replicate samples were collected at 20 separate sample sites for one or more of the above chemical groups. All replicates closely reproduced the results for the environmental samples. Results from replicate samples are included within the water-quality tables on pages 601-622. Twenty-eight blank samples were collected. Concentrations of all constituents analyzed in the blank samples were less than the method detection limits, except for total toluene, which had two detections at E 0.01 and E 0.04 µG/L. As a result, toluene was censored for results below the lab reporting limit of 0.05 µG/L, and was assigned a value of <0.05 µG/L. The four pesticide spikes of 100-µL/1-L liter of sample had recoveries between 72 and 113 percent. The four VOC spikes of 20-µL/40-mL of sample had recoveries between 96 and 104 percent.