

Water-Data Report 2006

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°33'34", long 74°31'40" referenced to North American Datum of 1983, Somerset County, NJ, Hydrologic Unit 02030105, at Queens Bridge on Main street in Bound Brook, 1.7 mi upstream from Fieldsville Dam.

DRAINAGE AREA.--804 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964-73, 1978, 1982 to current year. Published as "at Bound Brook" (station 01403000) 1964-66, and as "below Calco Dam at Bound Brook" (station 01403060) 1967-69.

REMARKS.—Samples were collected as part of the Long Island-New Jersey National Water-Quality Assessment Program (LINJ NAWQA). Additional samples were collected as part of the NAWQA Mercury Topical Study. Instantaneous discharges are determined at Raritan River below Calco Dam at Bound Brook (station 01403060).

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	UV				Disolved oxygen, percent of saturation	pH, water, field, unfltrd units	Specif. conductance, wat unf std uS/cm units	Temper-ature, water, deg C	Sulfate water, filtrd, mg/L
			Instan-taneous discharge, cfs (00061)	absorb-ance, 254 nm, wat flt units (00061)	SUVA, 254 nm, abs L/ meter (50624)	Baro-metric pres-sure, mm Hg (63162)					
Aug 17...	0950	Bed material	--	--	--	--	--	--	--	--	--
17...	1030	Field Blank	--	--	--	--	--	--	--	--	--
17...	1130	Environmental	147	.107	1.9	756	8.8	110	7.5	415	26.5
											45.2

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Organic carbon, water, fltrd, mg/L (00681)	Mercury water, fltrd, ng/L (50287)	Mercury suspnd, total, ng/L (62976)	Methyl-mercury water, fltrd, ng/L (62978)	Methyl-mercury suspnd, total, ng/L (50285)	Methyl-mercury sedimnt, total, ng/L (62977)	Methyl-mercury solids, total, ng/g (62979)	Suspended sediment concentration, mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Bed sediment, dry svd sive dia <.063mm (80164)
Aug 17...	--	--	--	74.0	--	--	<.11	--	--	16
17...	--	E.05	<.062	--	<.04	<.009	--	--	--	--
17...	5.7	1.04	2.41	--	.10	.044	--	4	1.6	--

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued
**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample type	Turbidity	UV		Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)
			Instantaneous discharge, cfs (00061)	white light, det ang 90+/-30 corrcrd	absorbance, 254 nm, 254 nm, wat flt					
Oct										
21...	1000	Equipment Blank	--	--	.002	--	--	--	--	--
25...	0959	Equipment Blank	--	--	.001	--	--	--	--	--
25...	1000	Environmental	5,260	43	.162	2.8	--	10.3	--	7.0
Nov										
15...	0910	Environmental	332	2.2	.099	2.2	--	10.7	--	6.9
Dec										
14...	0940	Environmental	342	6.3	.079	2.2	769	15.9	108	6.8
Jan										
04...	0930	Environmental	7,940	37	.158	3.0	759	12.7	97	6.7
Feb										
08...	0930	Environmental	1,590	5.8	.078	2.6	--	13.6	--	7.0
Mar										
09...	0900	Environmental	568	3.6	.055	1.8	755	14.1	113	8.1
23...	0910	Environmental	416	3.1	--	--	756	14.8	122	8.1
Apr										
13...	0910	Environmental	529	3.2	.093	2.2	758	11.3	110	7.9
19...	0959	Field Blank	--	--	--	--	--	--	--	--
19...	1000	Environmental	337	3.2	--	--	754	11.1	115	8.0
May										
12...	0930	Environmental	2,290	42	--	--	759	7.5	78	7.3
18...	0910	Environmental	1,420	15	.170	2.8	751	8.3	87	7.0
Jun										
14...	1000	Environmental	421	7.3	--	--	760	8.7	98	7.2
Jul										
10...	0950	Environmental	821	10	--	--	760	8.3	98	7.3
10...	0951	Split Replicate	--	--	--	--	--	--	--	--
27...	0920	Environmental	375	7.7	--	--	755	7.5	92	7.2
Aug										
01...	0840	Environmental	252	4.1	--	--	760	6.9	88	7.1
11...	0920	Environmental	202	3.9	--	--	760	7.5	90	7.4
Sep										
11...	0950	Environmental	272	3.3	--	--	760	8.8	99	7.2
20...	0920	Environmental	426	3.6	--	--	755	8.6	96	7.3

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Calci- um water, filtrd, mg/L (00915)	Magnes- ium, water, filtrd, mg/L (00925)	Potas- sium, water, filtrd, mg/L (00935)	Sodium, water, filtrd, mg/L (00930)	Alka- linity, wat flt fxd end	Alka- linity, wat flt inc tit	Bicar- bonate, wat flt lab, mg/L as CaCO ₃ (29801)	Carbon- ate, wat flt incrm. titr., field, mg/L (00453)	Chlor- ide, water, filtrd, mg/L (00452)	Sulfate water, filtrd, mg/L (00945)	Residue water, filtrd, sum of consti- tuents mg/L (70301)
Oct													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	11.3	67	17.1	5.79	2.84	16.3	40	33	40	.0	27.0	18.8	116
Nov													
15...	10.3	99	24.5	9.24	3.48	25.5	52	52	64	.0	43.2	33.4	182
Dec													
14...	.0	110	28.7	10.4	3.49	52.7	46	42	51	.0	93.1	38.8	265
Jan													
04...	4.0	49	12.2	4.53	2.09	19.7	27	24	29	.0	32.7	13.5	105
Feb													
08...	4.2	72	17.6	6.87	1.84	22.8	41	37	45	--	40.5	19.4	139
Mar													
09...	5.6	100	24.7	9.31	2.52	40.2	52	48	58	--	75.7	27.5	218
23...	6.6	--	--	--	--	--	--	50	61	--	63.4	29.8	--
Apr													
13...	14.1	94	23.3	8.68	2.52	31.9	50	48	58	.0	58.2	26.2	186
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	16.5	--	--	--	--	--	--	52	63	.0	61.0	34.3	--
May													
12...	17.3	--	--	--	--	--	--	44	54	--	49.2	23.9	--
18...	16.8	61	14.8	5.71	2.31	21.3	36	34	41	--	37.0	17.2	124
Jun													
14...	20.8	--	--	--	--	--	--	51	62	--	41.7	27.3	--
Jul													
10...	23.9	--	--	--	--	--	--	54	66	.0	39.5	24.5	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
27...	25.4	--	--	--	--	--	--	44	54	.0	38.6	27.9	--
Aug													
01...	27.4	--	--	--	--	--	--	44	54	.0	43.2	33.2	--
11...	24.5	--	--	--	--	--	--	54	66	.0	55.2	44.7	--
Sep													
11...	21.0	--	--	--	--	--	--	42	51	.0	40.5	32.7	--
20...	20.4	--	--	--	--	--	--	50	61	.0	41.6	27.2	--

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	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, unfltrd (00605)	Particulate nitrogen, susp, water, (49570)	Total nitrogen, by anal (62855)	Orthophosphate, water, fltrd, mg/L as P (00660)	Orthophosphate, water, fltrd, mg/L (00671)	Phosphorus, water, unfltrd (00665)	Total carbon, suspnd (00694)	Inorganic carbon, suspnd (00688)	Organic carbon, suspnd (00689)	Organic carbon, water, fltrd, mg/L (00681)
Oct													
21...	--	--	--	--	--	--	--	--	--	--	--	--	1.4
25...	--	--	--	--	--	--	--	--	--	--	--	--	.3
25...	E.03	1.83	.008	--	.12	2.50	.282	.092	.18	1.1	<.1	1.1	5.7
Nov													
15...	<.04	2.51	E.007	--	.05	2.68	.466	.152	.21	.4	<.1	.3	4.5
Dec													
14...	.09	2.83	.008	.14	.05	3.06	.561	.183	.24	.3	<.1	.3	3.6
Jan													
04...	.04	1.35	E.004	.34	.11	1.73	.156	.051	.132	.8	<.1	.8	5.3
Feb													
08...	.05	1.66	E.007	.33	.04	2.04	.117	.038	.076	.2	<.1	.2	3.0
Mar													
09...	<.04	2.09	.017	--	.13	2.42	.258	.084	.144	.7	<.1	.7	3.0
23...	<.04	1.90	.021	--	--	2.34	.438	.143	.198	--	--	--	--
Apr													
13...	<.04	1.42	.014	--	.16	1.95	.346	.113	.175	.8	--	--	4.2
19...	E.03	<.06	<.008	--	--	<.06	--	<.006	E.002	--	--	--	--
19...	<.04	2.13	.019	--	--	2.58	.794	.259	.176	--	--	--	--
May													
12...	E.04	1.25	.024	--	--	2.34	.196	.064	.39	--	--	--	--
18...	<.04	1.27	.043	--	.13	1.96	.325	.106	.171	1.3	<.1	1.3	6.2
Jun													
14...	.048	2.42	.019	.44	--	2.90	.745	.243	.32	--	--	--	--
Jul													
10...	.030	1.69	.011	.29	--	2.01	.455	.149	.20	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	2.83	--	.34	--	--	--	--	--
Aug													
01...	.042	2.50	.011	.37	--	2.92	1.17	.381	.42	--	--	--	--
11...	.044	3.41	.012	.84	--	4.29	1.74	.566	.63	--	--	--	--
Sep													
11...	.040	2.43	.007	.65	--	3.12	.801	.261	.37	--	--	--	--
20...	.023	2.32	.008	.27	--	2.61	.740	.241	.26	--	--	--	--

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 4 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Iron, water, fltrd, ug/L (01046)	Mercury water fltrd, ng/L (50287)	Mercury suspnd sedimnt total, ng/L (62976)	1-Naph- thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di- ethyl- aniline water, fltrd 0.7u GF ug/L (82660)	2Chloro -2',6'- diethyl acet- anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6- methyl- aniline water, fltrd, ug/L (61620)	3,4-Di- chloro- aniline water, fltrd, ug/L (61625)	3,5-Di- chloro- aniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)
Oct													
21...	--	.08	<.058	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	50	2.93	5.25	<.09	<.006	<.005	E.011	<.004	<.004	<.004	<.006	<.007	E.004
Nov													
15...	63	2.07	1.23	<.09	<.006	<.005	E.014	<.004	<.004	<.004	<.006	<.007	E.006
Dec													
14...	62	1.04	4.87	<.09	<.006	<.005	E.013	<.004	<.004	<.004	<.006	<.006	<.008
Jan													
04...	66	3.73	3.96	<.09	<.006	<.005	E.009	<.004	<.004	<.004	<.006	<.006	E.006
Feb													
08...	50	1.25	1.07	<.09	<.006	<.005	E.013	<.004	E.004	<.004	<.006	<.006	E.005
Mar													
09...	81	.97	.687	<.09	<.006	<.005	E.013	<.004	<.004	<.004	<.006	<.006	<.005
23...	--	--	--	<.09	<.006	<.005	E.011	<.004	<.004	<.004	<.006	<.006	<.005
Apr													
13...	123	1.28	1.10	<.09	<.006	<.006	E.010	<.010	<.004	<.012	<.005	<.006	E.006
19...	--	--	--	<.09	<.006	<.006	<.014	<.010	<.004	<.012	<.005	<.006	<.005
19...	--	--	--	<.09	<.006	<.006	E.012	<.010	<.006	<.012	<.005	<.006	<.008
May													
12...	--	--	--	E.01	<.006	<.006	E.013	<.010	E.006	<.012	E.005	.009	<.006
18...	82	2.65	2.89	<.09	<.006	<.006	E.023	<.010	<.006	<.012	<.007	.049	.009
Jun													
14...	--	--	--	<.09	<.006	<.006	E.018	<.010	<.004	<.012	<.005	.014	.014
Jul													
10...	--	--	--	<.09	<.006	<.006	E.020	<.010	<.004	<.012	<.005	<.006	<.005
10...	--	--	--	<.09	<.006	<.006	E.020	<.010	<.004	<.012	<.005	<.006	<.005
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
01...	--	--	--	<.09	<.006	<.006	E.015	<.010	E.009	<.012	<.005	<.006	.015
11...	--	--	--	<.09	<.006	<.006	E.018	<.010	<.010	<.012	<.005	<.006	<.005
Sep													
11...	--	--	--	<.09	<.006	<.006	E.013	<.010	E.008	E.009	<.005	<.006	<.005
20...	--	--	--	<.09	<.006	<.006	E.016	<.010	E.005	E.006	E.003	<.006	E.007

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 5 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	alpha-Endo-sulfan, water, filtd, ug/L (34362)	Atra-zine, water, filtd, ug/L (39632)	Azin-phos-methyl oxon, water, filtd, ug/L (61635)	Azin-phos-methyl, water, filtd, ug/L (82686)	Ben-flur-alin, water, filtd, ug/L (82673)	Car-baryl, water, filtd, ug/L (82680)	Carbo-furan, water, filtd, ug/L (82674)	Chlor-pyrifos oxon, water, filtd, ug/L (61636)	Chlor-pyrifos water, filtd, ug/L (38933)	cis-Per-methrin water, filtd, ug/L (82687)	cis-Propi-conazole, water, filtd, ug/L (79846)	Cyana-zine, water, filtd, ug/L (04041)	Cyflu-thrin, water, filtd, ug/L (61585)
Oct													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.005	.013	<.07	<.050	<.010	E.032	<.020	<.06	<.005	<.006	E.003	<.018	<.027
Nov													
15...	<.005	.015	<.07	<.050	<.010	E.007	<.020	<.06	<.005	<.006	<.008	<.018	<.027
Dec													
14...	<.005	.011	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027
Jan													
04...	<.005	.009	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	E.003	<.018	<.027
Feb													
08...	<.005	.010	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027
Mar													
09...	<.005	.012	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027
23...	<.005	.015	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027
Apr													
13...	<.011	.023	<.04	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.013	<.018	<.053
19...	<.011	<.007	<.04	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.013	<.018	<.053
19...	<.011	.009	<.04	<.050	<.010	E.010	<.020	<.06	<.005	<.006	<.013	<.018	<.053
May													
12...	<.011	.032	<.04	<.050	<.010	E.026	<.020	<.06	<.005	<.006	<.013	<.018	<.053
18...	<.011	.302	<.04	<.050	<.010	E.064	E.027	<.06	<.005	<.006	<.013	<.018	<.053
Jun													
14...	<.011	.087	<.04	<.050	<.010	E.017	<.020	<.06	<.005	<.006	<.013	<.018	<.053
Jul													
10...	<.011	.034	<.06	<.050	<.010	E.027	<.020	<.06	<.005	<.006	<.013	<.018	<.053
10...	<.011	.034	<.06	<.050	<.010	E.031	<.020	<.06	<.005	<.006	<.013	<.018	<.053
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
01...	<.011	.030	<.04	<.050	<.010	E.024	<.020	<.06	<.005	<.006	E.009	<.018	<.053
11...	<.011	.020	<.04	<.050	<.010	E.036	<.020	<.06	<.005	<.006	<.013	<.018	<.053
Sep													
11...	<.011	.012	<.04	<.050	<.010	E.012	<.020	<.06	<.005	<.006	<.013	<.018	<.053
20...	<.011	.014	<.04	<.050	<.010	E.010	<.020	<.06	<.005	<.006	E.003	<.018	<.053

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 6 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin, water, fltrd, ug/L (61586)	DCPA, water, 0.7u GF (82682)	Desulf-inyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water, fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethylate, water, fltrd, 0.7u GF ug/L (82662)	Disulfoton sulfone, water, fltrd, 0.7u GF ug/L (61640)	Disulfoton sulfone, water, fltrd, 0.7u GF ug/L (82677)	Endosulfan sulfate, water, fltrd, ug/L (61590)	EPTC, water, fltrd, 0.7u GF ug/L (82668)	Ethion monoxon, water, fltrd, ug/L (61644)
Oct													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.009	<.009	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
Nov													
15...	<.009	<.009	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
Dec													
14...	<.009	<.009	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
Jan													
04...	<.009	<.009	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
Feb													
08...	<.009	<.009	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
Mar													
09...	<.009	<.009	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
23...	<.009	<.009	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
Apr													
13...	<.014	<.046	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
19...	<.014	<.046	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
19...	<.014	<.046	<.003	E.007	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
May													
12...	<.014	<.046	<.003	E.008	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
18...	<.014	<.046	<.003	E.007	E.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
Jun													
14...	<.014	<.046	E.004	E.011	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
Jul													
10...	<.014	<.046	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
10...	<.014	<.046	<.003	E.004	.016	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
01...	<.014	<.046	<.003	E.008	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
11...	<.014	<.046	<.003	E.009	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
Sep													
11...	<.014	<.046	<.003	E.007	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02
20...	<.014	<.046	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.004	<.02

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd, 0.7u GF (82672)	Fenami- phos sulfone water, fltrd, ug/L (61645)	Fenami- sulf- oxide, water, fltrd, ug/L (61646)	Fenami- phos, water, fltrd, ug/L (61591)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil water, fltrd, ug/L (62167)	Fipro- nil sulfide water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Hexa- zinone, water, fltrd, ug/L (04025)	Ipro- dione, water, fltrd, ug/L (61593)	Isofen- phos, water, fltrd, ug/L (61594)
Oct													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.004	<.005	<.049	<.04	<.03	<.029	E.006	E.006	E.010	<.003	<.013	<.538	<.003
Nov													
15...	<.004	<.005	<.049	<.04	<.03	E.005	E.007	<.024	E.010	<.003	E.006	<.538	<.003
Dec													
14...	<.004	<.005	<.049	<.04	<.03	E.007	E.006	E.007	E.009	<.003	<.013	<.538	<.003
Jan													
04...	<.004	<.005	<.049	<.04	<.03	E.006	E.006	E.006	E.011	<.003	<.013	M	<.003
Feb													
08...	<.004	<.005	<.049	<.04	<.03	<.029	E.005	E.006	E.008	<.003	<.013	<.538	<.003
Mar													
09...	<.004	<.005	<.049	<.04	<.03	E.006	E.005	E.006	E.008	<.003	<.013	<.538	<.003
23...	<.004	<.005	<.049	<.04	<.03	<.029	E.006	<.024	E.009	<.003	<.013	<.538	<.003
Apr													
13...	<.016	<.012	<.053	<.04	<.03	E.006	E.006	<.024	E.008	<.005	<.026	<.026	<.011
19...	<.016	<.012	<.053	<.04	<.03	<.029	<.013	<.024	<.016	<.005	<.026	<.026	<.011
19...	<.016	<.012	<.053	<.04	<.03	<.029	E.010	<.024	E.008	<.005	<.026	<.026	<.011
May													
12...	<.016	<.012	<.053	<.04	<.03	<.029	E.011	<.024	E.012	<.005	.264	<.026	<.011
18...	<.016	<.012	<.053	<.04	<.03	<.029	E.010	<.024	E.011	<.005	.049	<.026	<.011
Jun													
14...	<.016	<.012	<.053	<.04	<.03	<.029	E.015	E.009	E.023	<.005	<.026	<.026	<.011
Jul													
10...	<.016	<.012	<.053	<.04	<.03	<.029	<.013	E.007	E.009	<.005	<.026	M	<.011
10...	<.016	<.012	<.053	<.04	<.03	<.029	<.013	E.007	E.009	<.005	<.026	M	<.011
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
01...	<.016	<.012	<.053	<.04	<.03	<.029	E.011	<.024	E.010	<.005	<.026	<.026	<.011
11...	<.016	<.012	<.053	<.04	<.03	<.029	<.013	<.024	E.010	<.005	<.026	<.026	<.011
Sep													
11...	<.016	<.012	<.053	<.04	<.03	E.007	E.010	<.024	E.009	<.005	<.026	M	<.011
20...	<.016	<.012	<.053	<.04	<.03	E.006	E.007	<.024	E.010	<.005	E.008	<.026	<.011

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 8 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Mala-	Mala-	Meta-	Methi-	Methyl	Methyl		Moli-		Oxy-	Pendi-
	oxon,	thion,	laxyl,	althion	para-	para-	mercury	Metola-	buzin,	fluor-	meth-
	water,	water,	water,	water,	oxon,	thion,	water,	chlor,	water,	fen,	alin,
	ug/L	ug/L	ug/L	ug/L	(61652)	(39532)	(61596)	(61598)	(61664)	(61600)	(82683)
Oct											
21...	--	--	--	--	--	<.04	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--
25...	<.030	E.007	E.006	<.006	<.03	<.015	.06	E.008	<.006	<.003	E.006
Nov											
15...	<.030	<.027	<.008	<.006	<.03	<.015	.04	.013	<.006	<.003	<.008
Dec											
14...	<.030	<.027	<.005	<.006	<.03	<.015	<.04	.017	<.007	<.003	<.008
Jan											
04...	<.030	<.027	<.005	<.006	<.03	<.015	<.04	.013	<.006	<.003	<.008
Feb											
08...	<.030	<.027	E.006	<.006	<.03	<.015	<.04	.013	<.006	<.003	<.008
Mar											
09...	<.030	<.027	<.005	<.006	<.03	<.015	<.04	.013	<.006	<.003	<.008
23...	<.030	<.027	<.005	<.006	<.03	<.015	--	.015	<.006	<.003	<.008
Apr											
13...	<.039	<.027	<.007	<.009	<.02	<.015	.06	.019	<.028	<.003	<.033
19...	<.039	<.027	<.007	<.009	<.02	<.015	--	<.006	<.028	<.003	<.033
19...	<.039	<.027	<.007	<.009	<.02	<.015	--	.013	<.028	<.003	<.033
May											
12...	<.039	<.027	<.007	<.009	<.02	<.015	--	.020	<.028	<.003	<.033
18...	<.039	<.027	<.007	<.009	<.02	<.015	.12	.110	<.028	<.003	<.033
Jun											
14...	<.039	<.027	<.007	<.009	<.02	<.015	--	.067	<.028	<.003	<.033
Jul											
10...	<.039	<.027	.023	<.009	<.02	<.015	--	.034	<.028	<.003	<.033
10...	<.039	<.027	.024	<.009	<.02	<.015	--	.035	<.028	<.003	<.033
27...	--	--	--	--	--	--	--	--	--	--	--
Aug											
01...	<.039	<.027	<.012	<.009	<.02	<.015	--	.025	<.028	<.003	E.013
11...	<.039	<.027	<.280	<.009	<.02	<.015	--	.016	<.028	<.003	<.033
Sep											
11...	<.039	<.027	<.010	<.009	<.02	<.015	--	.012	<.028	<.003	E.011
20...	<.039	<.027	.010	<.009	<.02	<.015	--	.016	<.028	<.003	E.009

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 9 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water, fltrd, ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, water, fltrd, ug/L (04036)	Propy- zamide, water, fltrd, ug/L (82676)	Pro- panil, water, fltrd, ug/L (82679)	Propar- gite, water, fltrd, ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron, water, fltrd, ug/L (82670)	Teflu- thrin, water, fltrd, ug/L (61606)	Ter- bufos- oxon sulfone water, fltrd, ug/L (61674)
Oct													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	<.10	<.011	--	--	E.02	<.005	<.004	<.011	<.02	.009	<.02	<.008	<.07
Nov													
15...	<.10	<.011	--	--	E.01	<.005	<.004	<.011	<.02	.010	<.02	<.008	<.07
Dec													
14...	<.10	<.011	--	--	<.01	<.005	<.004	<.011	<.02	E.006	<.02	<.008	<.07
Jan													
04...	<.10	<.011	--	<.008	<.01	<.005	<.004	<.011	<.02	<.005	<.02	<.008	<.07
Feb													
08...	<.10	<.011	--	--	<.01	<.005	<.004	<.011	<.02	E.005	<.02	<.008	<.07
Mar													
09...	<.10	<.011	--	--	<.01	<.005	<.004	<.011	<.02	<.005	<.02	<.008	<.07
23...	<.10	<.011	--	--	<.01	<.005	<.004	<.011	<.02	<.005	<.02	<.008	<.03
Apr													
13...	<.03	<.055	--	--	<.01	<.006	<.004	<.011	<.02	E.006	<.02	<.003	<.04
19...	<.03	<.055	<.05	<.008	<.01	<.006	<.004	<.011	<.02	<.005	<.02	<.003	<.04
19...	<.03	<.055	<.05	<.008	.01	<.006	<.004	<.011	<.02	<.005	<.02	<.007	<.04
May													
12...	<.03	<.055	<.05	<.008	E.02	<.006	<.004	<.011	<.02	E.006	<.02	<.007	<.04
18...	<.03	<.055	<.05	<.008	.02	<.006	<.004	<.011	<.02	.010	<.02	<.003	<.04
Jun													
14...	<.03	<.055	<.05	<.008	<.04	<.006	<.004	<.011	<.02	.013	<.02	<.003	<.04
Jul													
10...	<.03	<.055	<.05	<.008	.04	<.006	<.004	<.011	<.02	.009	<.02	<.003	<.04
10...	<.03	<.055	<.05	<.008	.03	<.006	<.004	<.011	<.02	.009	<.02	<.003	<.04
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
01...	<.03	<.055	<.05	<.008	E.02	<.006	<.004	<.011	<.02	.009	<.02	<.003	<.04
11...	<.03	<.055	<.05	<.008	.01	<.006	<.004	<.011	<.02	E.008	<.02	<.003	<.06
Sep													
11...	<.03	<.055	<.05	<.008	E.01	<.006	<.004	<.011	<.02	E.005	<.02	<.003	<.04
20...	<.03	<.055	<.05	<.008	.01	<.006	<.004	<.011	<.02	<.007	<.02	<.003	<.04

01403300 RARITAN RIVER AT QUEENS BRIDGE, AT BOUND BROOK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 10

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Terbu-fos, water, filtrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, filtrd 0.7u GF ug/L (04022)	Thio-bencarb water, filtrd 0.7u GF ug/L (82681)	trans-Propi-conazole, water, filtrd 0.7u GF ug/L (79847)	Tribu-phos, water, filtrd 0.7u GF ug/L (61610)	flur-alin, water, filtrd 0.7u GF ug/L (82661)	Di-chlor-vos, water, filtrd 0.7u GF ug/L (38775)	Methyl-mercury suspnd sedimnt total, ug/L (62977)	Sus-pended sediment concen-tration mg/L (80154)	Sus-pended sediment dis-charge, tons/d (80155)
Oct										
21...	--	--	--	--	--	--	--	<.010	--	--
25...	--	--	--	--	--	--	--	--	--	--
25...	<.02	<.01	<.010	E.01	<.018	<.009	E.04	.072	48	682
Nov										
15...	<.02	<.01	<.010	E.01	<.045	<.009	<.01	.018	2	1.8
Dec										
14...	<.02	<.01	<.010	<.01	<.004	<.009	<.01	.050	6	5.5
Jan										
04...	<.02	<.01	<.010	E.01	<.004	E.005	<.01	.036	27	579
Feb										
08...	<.02	<.01	<.010	<.01	<.030	<.009	E.01	.019	8	34
Mar										
09...	<.02	<.01	<.010	E.01	<.004	<.009	M	.026	4	6.1
23...	<.02	<.01	<.010	<.01	<.004	<.009	<.01	--	3	3.4
Apr										
13...	<.02	<.01	<.010	<.03	<.035	<.009	<.01	.042	3	4.3
19...	<.02	<.01	<.010	<.03	<.035	<.009	<.01	--	--	--
19...	<.02	<.01	<.010	<.03	<.010	<.009	<.01	--	5	4.5
May										
12...	<.02	<.01	<.010	<.03	<.035	<.009	<.01	--	85	526
18...	<.02	E.01	<.010	<.03	<.035	<.009	<.02	.084	21	81
Jun										
14...	<.02	<.01	<.010	<.03	<.035	<.009	<.01	--	8	9.1
Jul										
10...	<.02	<.01	<.010	E.01	<.035	<.009	<.01	--	12	27
10...	<.02	<.01	<.010	E.01	<.035	<.009	<.01	--	--	--
27...	--	--	--	--	--	--	--	--	9	9.1
Aug										
01...	<.02	<.01	<.010	E.02	E.062	<.009	<.01	--	5	3.4
11...	<.02	<.01	<.010	<.03	<.100	<.009	<.01	--	4	2.2
Sep										
11...	<.02	<.01	<.010	E.01	<.050	<.009	E.03	--	4	2.9
20...	<.02	<.01	<.010	E.01	<.035	<.009	E.01	--	5	5.8