



Water-Data Report 2006

01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ

RAHWAY RIVER BASIN

LOCATION.--Lat 40°41'15", long 74°18'42" referenced to North American Datum of 1983, Springfield Township, Union County, NJ, Hydrologic Unit 02030104, on left bank 50 ft downstream from bridge on eastbound U.S. Highway 22, 100 ft downstream from Pope Brook, and 1.5 mi south of Springfield.

DRAINAGE AREA.--25.5 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1938 to current year.

REVISED RECORDS.--WSP 1622: 1945. WDR NJ-1973: 1938(M), 1968(M), 1971(M).

GAGE.--Water-stage recorder and crest-stage gage. Former concrete control is no longer effective. Datum of gage is 66.17 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are fair. Water for municipal supply diverted from river by city of Orange at Orange Reservoir upstream on the West Branch Rahway River. The flow past this station is affected by diversions by pumpage from wells by Orange, South Orange, New Jersey-American Water Company, and Springfield station of Elizabethtown Water Company (no longer active). Several measurements of water temperature were made during the year. Since 1980, the site may be affected during high flows by backwater from the Lenape Park flood control dam, about 1 mi downstream. Satellite gage-height telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and (or) maximum (*):

| Date | Time | Discharge (ft ³ /s) | Gage height (ft) |
|--------|------|-----------------------------------|---------------------|
| Oct 09 | 0000 | *1,520 | *6.68 |
| Oct 12 | 2245 | 1,020 | 5.46 |
| Dec 16 | 0815 | 1,120 | 5.74 |
| Jun 28 | 0830 | 1,030 | 5.47 |

01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

[e, estimated]

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|--------------|---------|-------|-------|-------|------|------|-------|-------|---------|-------|-------|-------|
| 1 | 5.7 | e20 | 32 | 26 | 23 | 16 | 12 | 13 | 58 | 16 | 12 | 12 |
| 2 | 5.4 | e18 | 23 | 58 | 21 | 30 | 11 | 12 | 131 | 17 | 12 | 236 |
| 3 | 5.3 | e18 | 19 | 404 | 89 | 22 | 13 | 12 | 252 | 18 | 13 | 228 |
| 4 | 5.4 | e17 | 21 | 94 | 69 | 17 | 28 | 12 | 42 | 25 | 17 | 24 |
| 5 | 5.5 | e17 | 18 | 50 | 78 | 16 | 22 | 11 | 23 | 302 | 11 | 23 |
| 6 | 5.3 | e16 | 17 | 38 | 35 | 16 | 13 | 10 | 17 | 65 | 10 | 25 |
| 7 | 8.5 | e18 | 15 | 29 | 27 | 15 | 11 | 9.9 | 134 | 24 | 11 | 13 |
| 8 | 595 | e16 | 13 | 26 | 24 | 16 | 83 | 10 | 91 | 17 | 10 | 11 |
| 9 | 419 | e34 | 16 | 23 | 22 | 16 | 21 | 11 | 36 | 16 | 12 | 11 |
| 10 | 22 | e36 | 16 | 20 | 21 | 16 | 13 | 11 | 22 | 15 | 23 | 10 |
| 11 | 18 | e17 | 16 | 31 | 21 | 15 | 12 | 13 | 18 | 14 | 27 | 9.6 |
| 12 | 512 | e18 | 15 | 46 | e24 | 26 | 11 | 262 | 16 | 45 | 11 | 9.5 |
| 13 | 619 | e16 | 13 | 25 | 24 | 16 | 11 | 26 | 14 | 93 | 10 | 9.5 |
| 14 | 387 | e15 | 11 | 111 | 24 | 15 | 15 | 16 | 13 | 18 | 10 | 56 |
| 15 | 86 | 14 | 11 | 84 | 31 | 14 | 16 | 30 | 12 | 16 | 18 | 110 |
| 16 | 33 | 57 | 602 | 34 | 43 | 14 | 11 | 135 | 12 | 14 | 11 | 32 |
| 17 | 23 | 86 | 80 | 26 | 83 | 14 | 11 | 35 | 14 | 13 | 10 | 16 |
| 18 | 18 | 16 | 40 | 328 | 44 | 14 | 10 | 20 | 12 | 29 | 10 | 12 |
| 19 | 14 | 14 | 30 | 84 | 26 | 14 | 10 | 57 | 12 | 55 | 9.7 | 12 |
| 20 | 14 | 12 | 24 | 45 | 23 | 13 | 11 | 28 | 12 | 16 | 12 | 11 |
| 21 | 14 | 20 | 21 | 36 | 22 | 13 | 9.6 | 18 | 8.8 | 187 | 9.5 | 11 |
| 22 | 42 | 174 | 18 | 29 | 20 | 12 | 50 | 15 | 9.9 | 74 | 8.8 | 11 |
| 23 | 70 | 34 | 18 | 124 | 20 | 12 | 247 | 14 | 13 | 39 | 8.5 | 13 |
| 24 | 43 | 24 | 17 | 54 | 20 | 12 | 88 | 13 | 107 | 18 | 8.3 | 12 |
| 25 | 266 | 18 | 64 | 37 | 19 | 12 | 35 | 12 | 67 | 16 | 8.8 | 12 |
| 26 | 68 | 16 | 114 | 29 | 19 | 13 | 22 | 15 | 35 | 15 | 53 | 11 |
| 27 | 36 | 15 | 37 | 24 | 17 | 12 | 17 | 32 | 18 | 14 | 45 | 11 |
| 28 | 31 | 14 | 25 | 23 | 17 | 12 | 16 | 11 | 427 | 15 | 61 | 11 |
| 29 | e26 | 27 | 57 | 26 | --- | 11 | 14 | 10 | 39 | 14 | 65 | 26 |
| 30 | e23 | 258 | 41 | 28 | --- | 12 | 13 | 10 | 21 | 12 | e53 | 9.1 |
| 31 | e22 | --- | 26 | 30 | --- | 11 | --- | 9.5 | --- | 12 | 15 | --- |
| Total | 3,442.1 | 1,075 | 1,470 | 2,022 | 906 | 467 | 856.6 | 893.4 | 1,686.7 | 1,244 | 595.6 | 997.7 |
| Mean | 111 | 35.8 | 47.4 | 65.2 | 32.4 | 15.1 | 28.6 | 28.8 | 56.2 | 40.1 | 19.2 | 33.3 |
| Max | 619 | 258 | 602 | 404 | 89 | 30 | 247 | 262 | 427 | 302 | 65 | 236 |
| Min | 5.3 | 12 | 11 | 20 | 17 | 11 | 9.6 | 9.5 | 8.8 | 12 | 8.3 | 9.1 |
| Cfsm | 4.35 | 1.41 | 1.86 | 2.56 | 1.27 | 0.59 | 1.12 | 1.13 | 2.20 | 1.57 | 0.75 | 1.30 |
| In. | 5.02 | 1.57 | 2.14 | 2.95 | 1.32 | 0.68 | 1.25 | 1.30 | 2.46 | 1.81 | 0.87 | 1.46 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2006, BY WATER YEAR (WY)

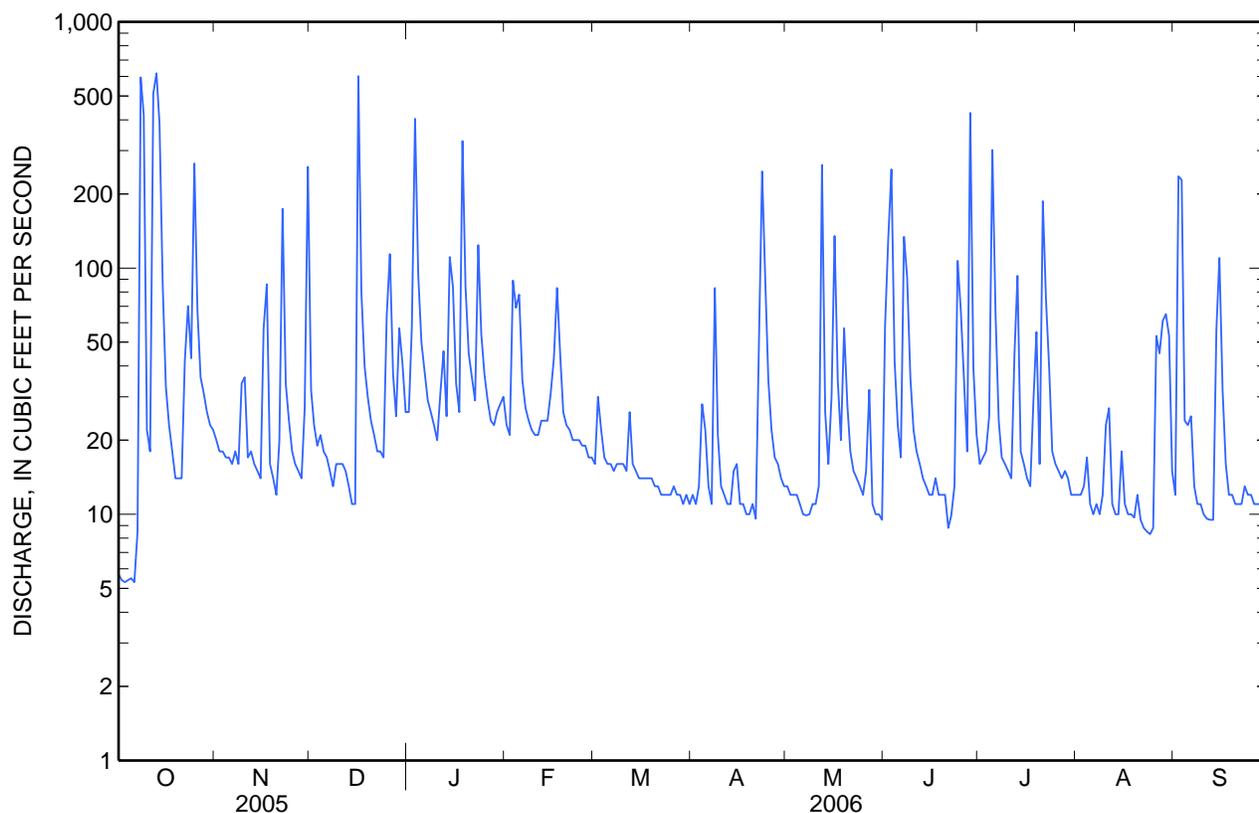
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mean | 20.5 | 27.9 | 32.2 | 32.2 | 34.5 | 47.7 | 42.8 | 34.5 | 26.4 | 25.8 | 22.7 | 24.1 |
| Max | 111 | 107 | 129 | 116 | 79.5 | 120 | 139 | 112 | 123 | 138 | 112 | 151 |
| (WY) | (2006) | (1973) | (1984) | (1979) | (1998) | (1994) | (1983) | (1989) | (2003) | (1975) | (1942) | (1999) |
| Min | 2.17 | 2.73 | 4.02 | 4.26 | 6.86 | 8.08 | 7.37 | 6.31 | 4.14 | 2.23 | 2.10 | 2.97 |
| (WY) | (1964) | (1950) | (1940) | (1966) | (2002) | (1981) | (1963) | (1965) | (1965) | (1966) | (1964) | (1964) |

01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ—Continued

SUMMARY STATISTICS

| | Calendar Year 2005 | | Water Year 2006 | | Water Years 1939 - 2006 | |
|---------------------------------|--------------------|--------|-----------------|----------|-------------------------|--------------|
| Annual total | 13,946.6 | | 15,656.1 | | | |
| Annual mean | 38.2 | | 42.9 | | 30.9 | |
| Highest annual mean | | | | | 55.9 | 1973 |
| Lowest annual mean | | | | | 10.0 | 1965 |
| Highest daily mean | 619 | Oct 13 | 619 | Oct 13 | 2,270 | Sep 16, 1999 |
| Lowest daily mean | 3.8 | Sep 4 | 5.3 | Oct 3, 6 | 0.40 | Sep 11, 1966 |
| Annual seven-day minimum | 3.9 | Sep 6 | 5.9 | Oct 1 | 0.71 | Oct 8, 1970 |
| Maximum peak flow | | | 1,520 | Oct 9 | ^a 7,990 | Sep 16, 1999 |
| Maximum peak stage | | | 6.68 | Oct 9 | 10.67 | Sep 16, 1999 |
| Instantaneous low flow | | | 4.8 | Oct 7 | 0.10 | Sep 11, 1966 |
| Annual runoff (cfsm) | 1.50 | | 1.68 | | 1.21 | |
| Annual runoff (inches) | 20.35 | | 22.84 | | 16.47 | |
| 10 percent exceeds | 59 | | 83 | | 61 | |
| 50 percent exceeds | 18 | | 18 | | 11 | |
| 90 percent exceeds | 5.4 | | 11 | | 3.7 | |

^a From rating curve extend above 1,600 ft³/s on basis of slope-area measurement of peak flow.



01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1978 to current year.

REMARKS.--Total nitrogen (00600) equals the sum of filtered ammonia plus organic nitrogen (00623), filtered nitrite plus nitrate nitrogen (00631), and total particulate nitrogen (49570). Bacteria samples were collected synoptically over a 30-day period during the summer.

COOPERATIVE NETWORK SITE DESCRIPTOR: Urban Land Use Indicator and Low-Level Mercury Assessment special study site, New Jersey Department of Environmental Protection (NJDEP) Watershed Management Area 7. The sample on Oct. 19 was for the low-level mercury assessment.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJDEP. Bacteria samples were provided by the local county health department under the direction of the NJDEP through the County Environmental Health Act. Determinations of filtered ammonia, filtered orthophosphorus, BOD, total suspended residue, ammonia+organic nitrogen in bed sediment, phosphorous in bed sediment, fecal coliform, E. coli, and enterococcus bacteria were performed by the NJ Department of Health and Senior Services.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 4

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

| Date | Time | Sample type | Instan- taneous dis- charge, cfs (00061) | Turbdty | UV | UV | Baro- metric pres- sure, mm Hg (00025) | Dis- solved oxygen, mg/L (00300) | Dis- solved oxygen, percent of sat- uration (00301) | pH, | Specif. | Temper- ature, deg C (00020) |
|------------|------|---------------|---|---|---|---|---|--|---|--|---|---------------------------------------|
| | | | | white light, det ang 90+/-30 corrctd NTRU (63676) | absorb- ance, 254 nm, wat flt units /cm (50624) | absorb- ance, 280 nm, wat flt units /cm (61726) | | | | water, unfltrd field, std units (00400) | conduc- tance, wat unf uS/cm 25 degC (00095) | |
| Oct | | | | | | | | | | | | |
| 19... | 1000 | Field Blank | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | 1015 | Environmental | 14 | 3.1 | -- | -- | 761 | 7.0 | 68 | 7.7 | 748 | 13.5 |
| Nov | | | | | | | | | | | | |
| 17... | 1015 | Environmental | 48 | 8.2 | .341 | .278 | 765 | 6.8 | 61 | 7.2 | 274 | 3.0 |
| Mar | | | | | | | | | | | | |
| 01... | 1030 | Environmental | 16 | 2.1 | .047 | .035 | 760 | 13.5 | 100 | 8.1 | 862 | -5.0 |
| May | | | | | | | | | | | | |
| 11... | 1030 | Environmental | 10 | 2.9 | .068 | .051 | 758 | 5.1 | 51 | 7.5 | 821 | 11.0 |
| Aug | | | | | | | | | | | | |
| 08... | 1030 | Environmental | 11 | 3.1 | .076 | .056 | 760 | 4.7 | 55 | 7.7 | 725 | 21.5 |

01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 4

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

| Date | Temperature, water, deg C (00010) | Hard- ness, water, 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 fixed end pt, lab, mg/L as CaCO3 (90410) | Chlor- ide, water, fltrd, mg/L (00940) | Fluor- ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) | Residue water, sum of consti- tuents mg/L (70301) | Residue on evap. at 180degC wat flt mg/L (70300) |
|--------------|--|---|--|--|--|--|--|---|---|--|--|---|---|
| Oct 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | 13.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nov 17... | 10.6 | 71 | 20.6 | 4.84 | 3.42 | 21.6 | 44 | 43.6 | E.07 | 7.5 | 12.1 | 143 | 165 |
| Mar 01... | 2.7 | 220 | 65.6 | 13.8 | 2.03 | 76.2 | 111 | 173 | E.09 | 13.9 | 32.7 | 451 | 476 |
| May 11... | 15.4 | 230 | 69.0 | 14.4 | 2.40 | 66.8 | 116 | 158 | .17 | 11.7 | 31.9 | 430 | 497 |
| Aug 08... | 22.8 | 220 | 66.5 | 13.0 | 2.49 | 52.8 | 122 | 130 | .17 | 15.2 | 30.8 | 389 | 458 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 4

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

| Date | Residue total at 105 deg. C, sus- pended, mg/L (00530) | 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) | Partic- ulate nitro- gen, susp, water, mg/L (49570) | Total nitro- gen, water, fltrd, mg/L (00602) | Total nitro- gen, water, unfltrd mg/L (00600) | Ortho- phos- phate, water, fltrd, mg/L as P (00671) | Phos- phorus, water, fltrd, mg/L (00666) | Phos- phorus, water, unfltrd mg/L (00665) | Total carbon, suspnd sedimnt total, mg/L (00694) | Inor- ganic carbon, suspnd sedimnt total, mg/L (00688) | Organic carbon, suspnd sedimnt total, mg/L (00689) |
|--------------|---|---|--|---|--|--|---|--|---|--|--|---|--|
| Oct 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nov 17... | 10 | .40 | .029 | .51 | .16 | .91 | 1.1 | .153 | .175 | .22 | 1.0 | <.1 | 1.0 |
| Mar 01... | 1 | .26 | .028 | 1.56 | .04 | 1.8 | 1.9 | .013 | .013 | .030 | .4 | <.1 | .4 |
| May 11... | 5 | .40 | .118 | 1.17 | .08 | 1.6 | 1.6 | .036 | .049 | .087 | .6 | <.1 | .6 |
| Aug 08... | 2 | .26 | .032 | 1.16 | .07 | 1.4 | 1.5 | .064 | .072 | .102 | .6 | <.1 | .6 |

01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 4 of 4

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

| Date | Organic carbon, water, fltrd, mg/L (00681) | BOD, water, unfltrd, 5 day, 20 degC mg/L (00310) | Boron, water, fltrd, ug/L (01020) | Mercury water fltrd, low level, ng/L (50287) |
|------------|--|--|-----------------------------------|--|
| Oct | | | | |
| 19... | -- | -- | -- | <.04 |
| 19... | -- | -- | -- | .62 |
| Nov | | | | |
| 17... | 11.3 | <1.0 | 39 | -- |
| Mar | | | | |
| 01... | 1.9 | <1.0 | 64 | -- |
| May | | | | |
| 11... | 2.2 | E1.1 | 69 | -- |
| Aug | | | | |
| 08... | 2.4 | <1.1 | 74 | -- |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 4

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

| Date | Time | pH bed sedimnt std (70310) | Ammonia + org-N, bed sed total, mg/kg as N (00626) | Phos-phorus, bed sedimnt total, mg/kg (00668) | Total carbon, bed sedimnt total, g/kg (00693) | Inor-ganic carbon, bed sedimnt total, g/kg (00686) | Arsenic bed sedimnt recover -able, ug/g (64847) | Cadmium bed sedimnt recover -able, ug/g (01028) | Chrom-ium, bed sedimnt recover -able, ug/g (01029) | Cobalt bed sedimnt recover -able, ug/g (01038) | Copper, bed sedimnt recover -able, ug/g (01043) | Iron, bed sedimnt total, ug/g (01170) | Lead, bed sedimnt recover -able, ug/g (01052) |
|------------|------|----------------------------|--|---|---|--|---|---|--|--|---|---------------------------------------|---|
| Aug | | | | | | | | | | | | | |
| 08... | 1030 | 7.31 | 130 | 2,200 | 4.3 | .6 | 1.9 | .240 | 20 | 5.7 | 70 | 25,000 | 60 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 4

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

| Date | Mangan-ese, bed sedimnt recover -able, ug/g (01053) | Mercury bed sedimnt recover -able, ug/g (71921) | Nickel, bed sedimnt recover -able, ug/g (01068) | Sele-nium, bed sedimnt recover -able, ug/g (64848) | Zinc, bed sedimnt recover -able, ug/g (01093) | 1,2-Di-methyl-naphth-alene, bed sed <2 mm, ug/kg (49403) | 1,6-Di-methyl-naphth-alene, bed sed <2 mm, ug/kg (49404) | 1Methyl -9H-fluor-ene, bed sed <2 mm, ug/kg (49398) | 1-Methyl-phenan-threne, bed sed <2 mm, ug/kg (49410) | 1-Methyl-pyrene, bed sed <2 mm, wsv nat ug/kg (49388) | 236Tri-methyl-naphth-alene, bed sed <2 mm, ug/kg (49405) | 2,6-Di-methyl-naphth-alene, bed sed <2 mm, ug/kg (49406) | 2-Ethyl naphth-alene bed sed <2 mm wsv nat ug/kg (49948) |
|------------|---|---|---|--|---|--|--|---|--|---|--|--|--|
| Aug | | | | | | | | | | | | | |
| 08... | 230 | .038 | 19 | .2 | 240 | E4 | E8 | E12 | E51 | 58 | E9 | E12 | E7 |

01394500 RAHWAY RIVER NEAR SPRINGFIELD, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 4

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

| Date | 2-Methyl-anthracene, bed sed <2 mm, ug/kg (49435) | 4H-Cyclopenta-phenanthrene, bs <2mm ug/kg (49411) | 9H-Fluorene, bed sed <2 mm, wsv nat ug/kg (49399) | Ace-naphthene, bed sed <2 mm, wsv nat ug/kg (49429) | Ace-naphthylene, bed sed <2 mm, wsv nat ug/kg (49428) | Anthracene, bed sed <2 mm, wsv nat field, ug/kg (49434) | Benzo-[a]-anthracene, bed sed <2 mm, wsv nat ug/kg (49436) | Benzo-[a]-pyrene, bed sed <2 mm, wsv nat ug/kg (49389) | Benzo-[b]-fluoranthene, bed sed <2 mm, ug/kg (49458) | Benzo-[ghi]-perylene, bed sed <2 mm, ug/kg (49408) | Benzo-[k]-fluoranthene, bed sed <2 mm, ug/kg (49397) | Chrysene, bed sed <2 mm, wsv nat field, ug/kg (49450) | Dibenzo-[a,h]-anthracene, bed sed <2 mm, ug/kg (49461) |
|-----------|---|---|---|---|---|---|--|--|--|--|--|---|--|
| Aug 08... | E28 | 100 | E49 | E46 | E32 | 140 | 590 | 700 | 1,200 | 430 | 450 | 800 | E140 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 4 of 4

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

| Date | Fluoranthene bed sed <2 mm wsv nat field, ug/kg (49466) | Indeno-[1,2,3-cd]-pyrene, bed sed <2 mm ug/kg (49390) | Iso-phorone bed sed <2 mm field, ug/kg (49400) | Naphthalene, bed sed <2 mm wsv nat ug/kg (49402) | PCBs, bed sedimnt ug/kg (39519) | p-Cresol, bed sed <2 mm, wsv nat field, ug/kg (49451) | Phenanthrene, bed sed <2 mm, wsv nat field, ug/kg (49409) | Phenanthrene, thri-dine, bed sed <2 mm, wsv nat field, ug/kg (49393) | Pyrene, bed sed <2 mm, wsv nat field, ug/kg (49387) | Bed sediment, dry svd percent <.063mm (80164) | Bed sediment, fall dia percent <.004mm (80157) |
|-----------|---|---|--|--|---------------------------------|---|---|--|---|---|--|
| Aug 08... | 1,500 | E390 | <51 | E9 | 16.0 | <51 | 620 | E30 | 1,200 | 1.1 | .3 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

| Date | Time | Instantaneous discharge, cfs (00061) | Temperature, water, deg C (00010) | Enterococci, m-E MF, water, col/100 mL (31649) | E coli, m-TEC MF, water, col/100 mL (31633) | Fecal coliform, ECbroth water, MPN/100 mL (31615) |
|-----------|------|--------------------------------------|-----------------------------------|--|---|---|
| Jul 19... | 1105 | 23 | 23.5 | 6,900 | 12,000 | 16,000 |
| 26... | 1040 | 14 | 22.5 | 230 | 600 | 300 |
| Aug 02... | 1110 | 13 | 27.7 | 380 | 260 | 1,100 |
| 09... | 1105 | 10 | 22.1 | 150 | 150 | 1,100 |
| 23... | 1035 | 8.3 | 21.1 | 280 | 600 | 1,300 |